

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043926.D
 Acq On : 21 Nov 2024 10:14
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 22 03:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	150793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	13961	5.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.800%#		
35) Dibromofluoromethane	5.379	113	9842	5.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.400%#		
50) Toluene-d8	8.646	98	35173	5.389	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.780%#		
62) 4-Bromofluorobenzene	11.079	95	10618	4.780	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9545	4.997	ug/l	87
3) Chloromethane	1.294	50	9980	4.965	ug/l	98
4) Vinyl Chloride	1.373	62	10682	4.996	ug/l	100
5) Bromomethane	1.593	94	6415	4.877	ug/l	90
6) Chloroethane	1.666	64	6474	4.969	ug/l	99
7) Trichlorofluoromethane	1.867	101	19099	4.996	ug/l	91
8) Diethyl Ether	2.129	74	6480	4.651	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.318	101	8824	4.839	ug/l	98
10) Methyl Iodide	2.440	142	9897	4.346	ug/l	98
11) Tert butyl alcohol	2.995	59	9278m	22.349	ug/l	
12) 1,1-Dichloroethene	2.306	96	7987	4.597	ug/l	87
13) Acrolein	2.239	56	11940	27.287	ug/l	97
14) Allyl chloride	2.654	41	12874	4.534	ug/l	96
15) Acrylonitrile	3.062	53	24290	24.010	ug/l	99
16) Acetone	2.385	43	29886	25.159	ug/l	95
17) Carbon Disulfide	2.495	76	14415	4.022	ug/l #	94
18) Methyl Acetate	2.702	43	13127	4.745	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	30022	4.759	ug/l #	88
20) Methylene Chloride	2.782	84	9895	4.909	ug/l	95
21) trans-1,2-Dichloroethene	3.080	96	8486	4.730	ug/l #	80
22) Diisopropyl ether	3.757	45	29102	4.794	ug/l #	65
23) Vinyl Acetate	3.721	43	116242	22.382	ug/l	100
24) 1,1-Dichloroethane	3.599	63	16857	4.813	ug/l	98
25) 2-Butanone	4.568	43	36680	23.931	ug/l	96
26) 2,2-Dichloropropane	4.458	77	15040	4.755	ug/l #	76
27) cis-1,2-Dichloroethene	4.477	96	10153	4.579	ug/l	96
28) Bromochloromethane	4.891	49	9210	5.974	ug/l	100
29) Tetrahydrofuran	5.007	42	23518	25.028	ug/l	96
30) Chloroform	5.086	83	18661	4.954	ug/l	97
31) Cyclohexane	5.458	56	13740	4.767	ug/l #	85
32) 1,1,1-Trichloroethane	5.379	97	15162	4.667	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11406	4.834	ug/l	97
37) Ethyl Acetate	4.720	43	14551m	4.968	ug/l	
38) Carbon Tetrachloride	5.665	117	12348	4.658	ug/l	97
39) Methylcyclohexane	7.372	83	14721	4.803	ug/l	95
40) Benzene	6.031	78	36283	4.937	ug/l	94

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	7355	4.907	ug/l #	95
42) 1,2-Dichloroethane	6.080	62	14467	4.901	ug/l	99
43) Isopropyl Acetate	6.348	43	22267	4.777	ug/l	99
44) Trichloroethene	7.128	130	9852	4.736	ug/l	92
45) 1,2-Dichloropropane	7.427	63	8525	4.736	ug/l	91
46) Dibromomethane	7.586	93	6372	4.475	ug/l	93
47) Bromodichloromethane	7.823	83	11249	4.405	ug/l	96
48) Methyl methacrylate	7.695	41	10190	4.556	ug/l	95
49) 1,4-Dioxane	7.677	88	4090m	106.070	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	69843	24.556	ug/l	97
52) Toluene	8.714	92	22218	5.051	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	10937	4.200	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	12253	4.292	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	9000	4.957	ug/l	94
56) Ethyl methacrylate	9.116	69	12381	4.378	ug/l	96
57) 1,3-Dichloropropane	9.311	76	15211	4.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	43351	27.673	ug/l	100
59) 2-Hexanone	9.433	43	52072	24.357	ug/l	100
60) Dibromochloromethane	9.518	129	7738	4.247	ug/l	99
61) 1,2-Dibromoethane	9.610	107	8985	4.894	ug/l	98
64) Tetrachloroethene	9.274	164	7642	5.185	ug/l	93
65) Chlorobenzene	10.079	112	24792	5.050	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	7421	4.661	ug/l	96
67) Ethyl Benzene	10.195	91	40927	4.920	ug/l	95
68) m/p-Xylenes	10.305	106	29635	9.553	ug/l	99
69) o-Xylene	10.640	106	14856	4.905	ug/l	98
70) Styrene	10.658	104	22907	4.573	ug/l	97
71) Bromoform	10.799	173	4476	5.004	ug/l #	99
73) Isopropylbenzene	10.957	105	37958	5.109	ug/l	99
74) N-amyl acetate	10.841	43	15928	4.627	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	13107	5.152	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	12040m	5.776	ug/l	
77) Bromobenzene	11.195	156	9259	5.224	ug/l	97
78) n-propylbenzene	11.305	91	39774	4.793	ug/l	98
79) 2-Chlorotoluene	11.366	91	26740	5.096	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	30114	4.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	2880	3.707	ug/l #	77
82) 4-Chlorotoluene	11.451	91	29049	4.903	ug/l	96
83) tert-Butylbenzene	11.713	119	29934	4.940	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	30674	5.040	ug/l	97
85) sec-Butylbenzene	11.890	105	37899	5.105	ug/l	96
86) p-Isopropyltoluene	12.006	119	29412	4.878	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	16008	4.959	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	15837	4.831	ug/l	89
89) n-Butylbenzene	12.335	91	24938	4.691	ug/l	99
90) Hexachloroethane	12.536	117	4279	4.173	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	16747	5.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2454	4.814	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	8746	4.553	ug/l	98
94) Hexachlorobutadiene	13.725	225	3713	4.891	ug/l	97
95) Naphthalene	13.774	128	32485	4.698	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	9280	4.773	ug/l	96

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

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Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

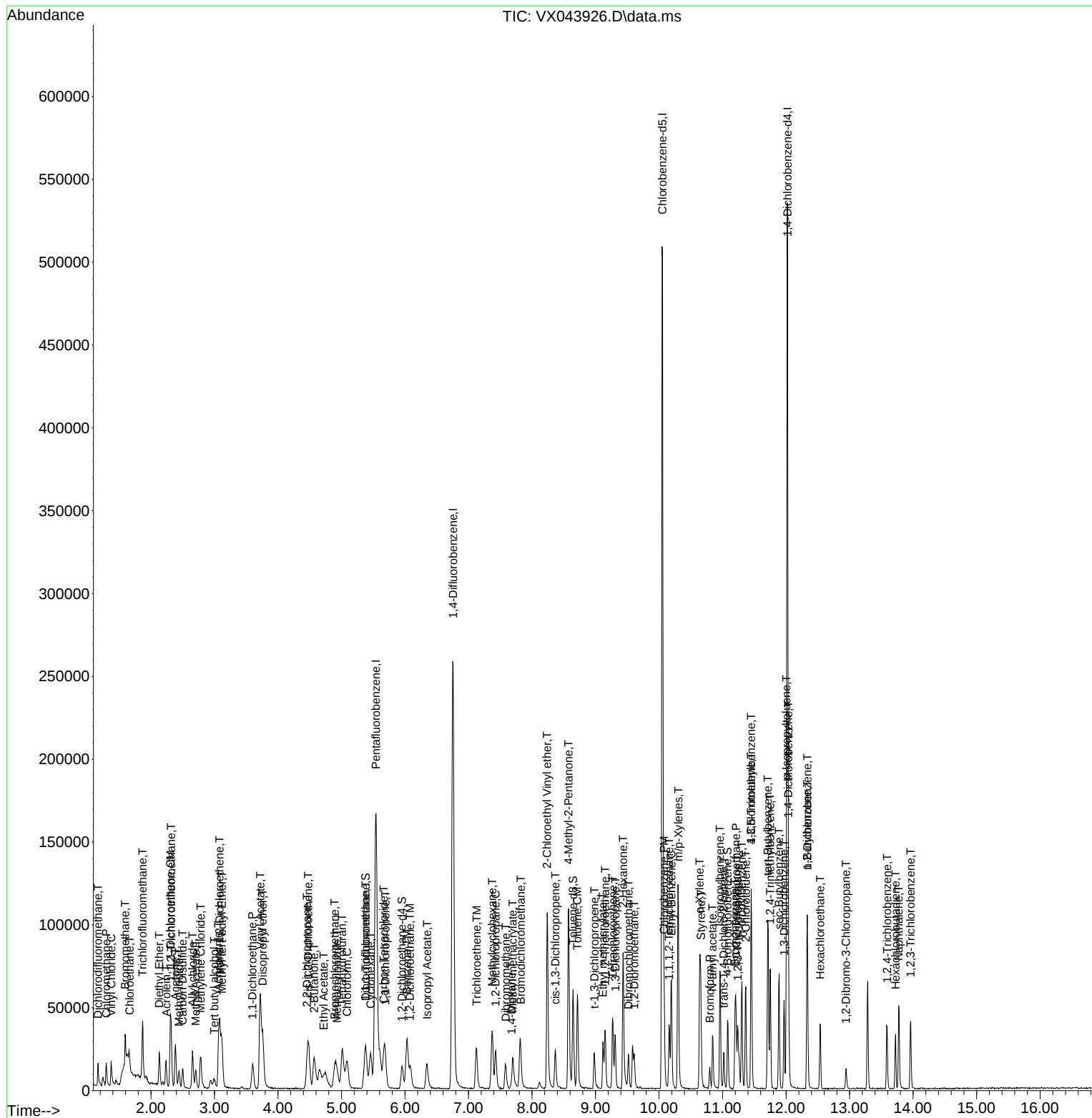
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Data File : VX043926.D
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Operator : JC/MD
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ALS Vial : 13 Sample Multiplier: 1

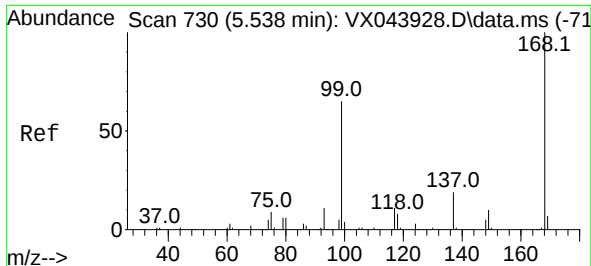
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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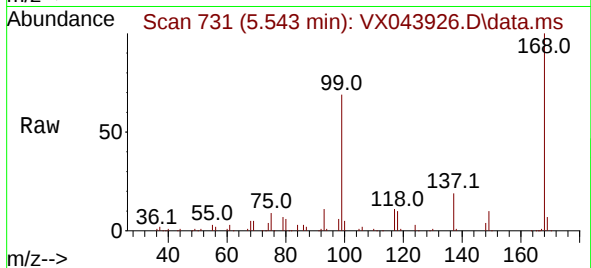
Quant Time: Nov 22 03:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

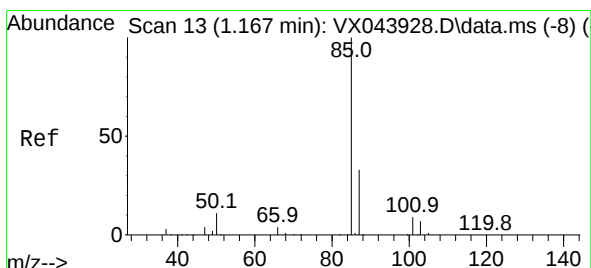
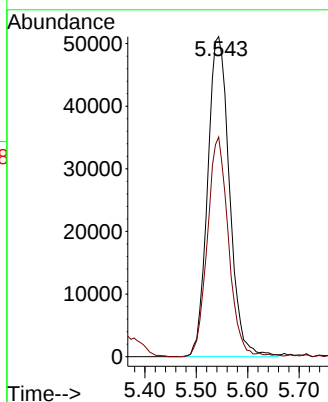
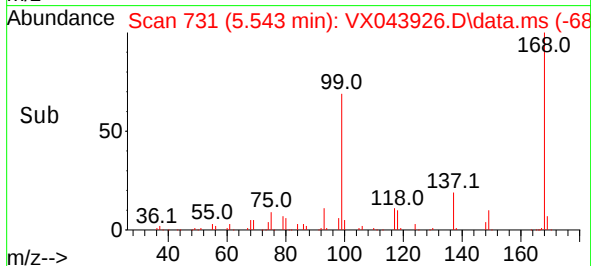
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 150793
Ion Ratio Lower Upper
168 100
99 68.6 51.8 77.8

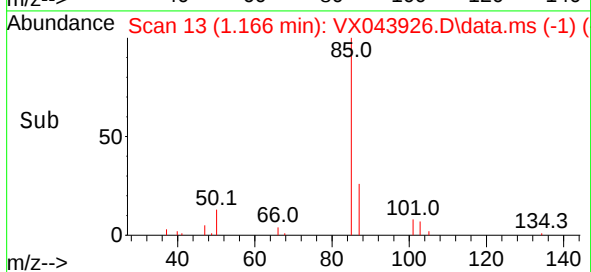
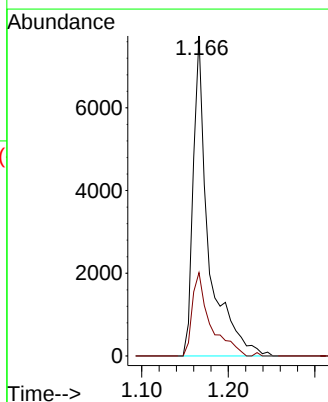
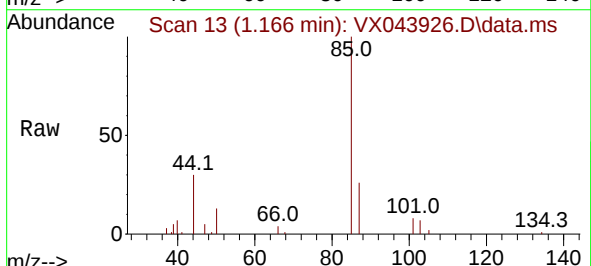
Manual Integrations
APPROVED

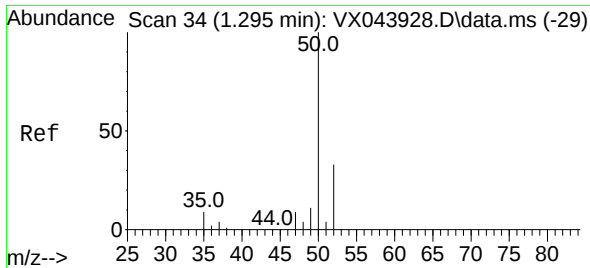
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 4.997 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

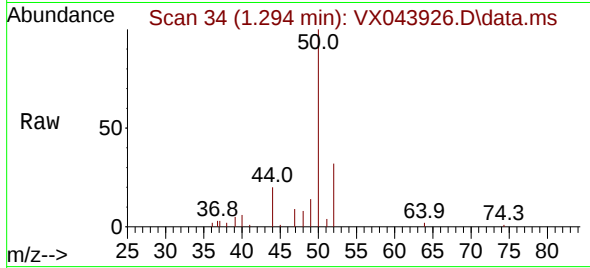
Tgt Ion: 85 Resp: 9545
Ion Ratio Lower Upper
85 100
87 26.0 16.6 49.8





#3
Chloromethane
Concen: 4.965 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

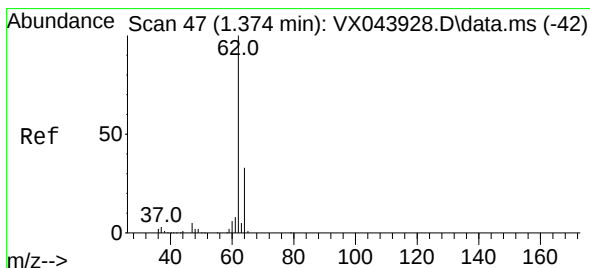
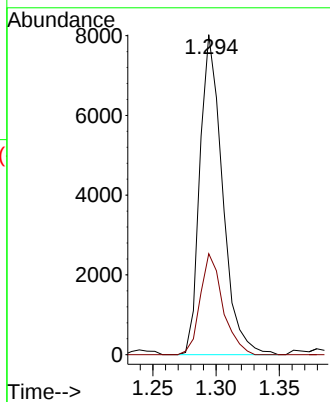
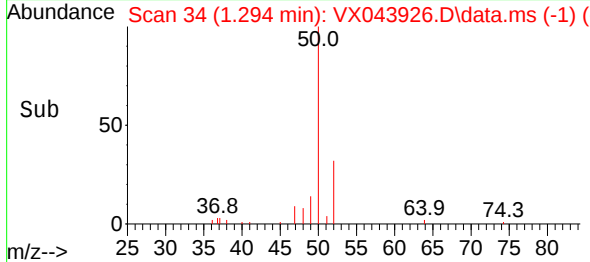
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 9980
Ion Ratio Lower Upper
50 100
52 31.5 26.1 39.1

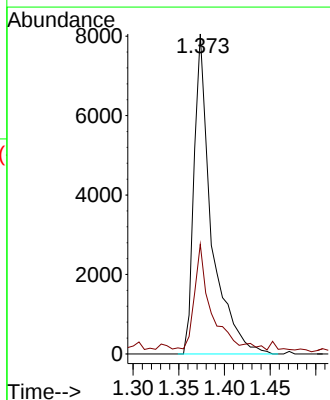
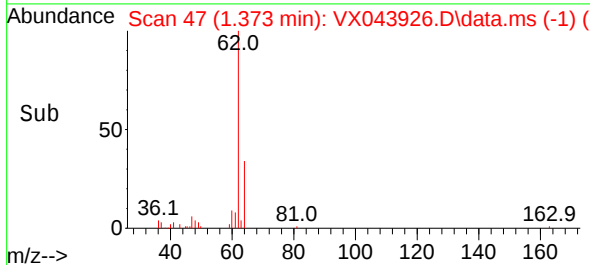
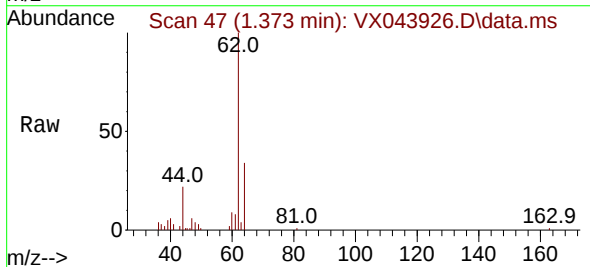
Manual Integrations
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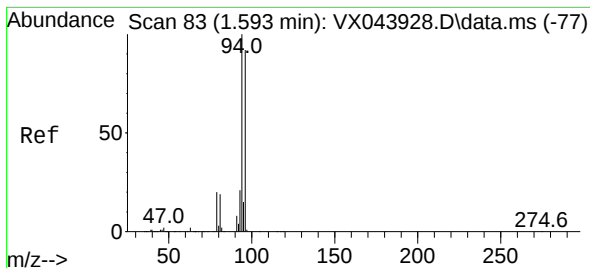
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#4
Vinyl Chloride
Concen: 4.996 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion: 62 Resp: 10682
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





#5

Bromomethane

Concen: 4.877 ug/l

RT: 1.593 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 94 Resp: 6415

Ion Ratio Lower Upper

94 100

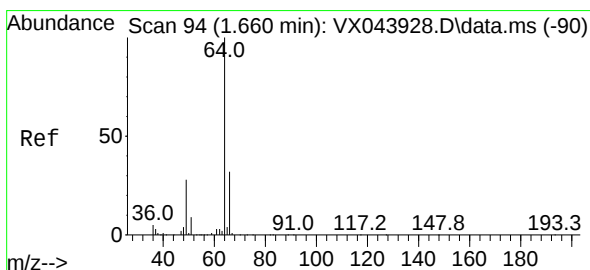
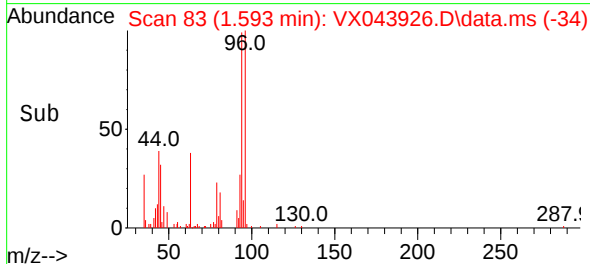
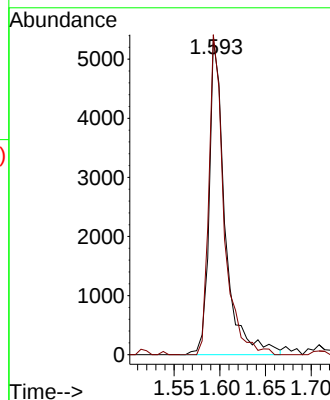
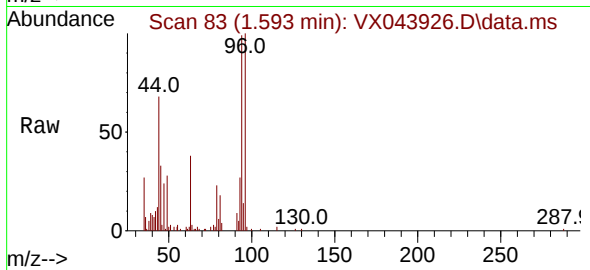
96 101.5 73.9 110.9

Manual Integrations

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Supervised By :Mahesh Dadoda 11/22/2024



#6

Chloroethane

Concen: 4.969 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX043926.D

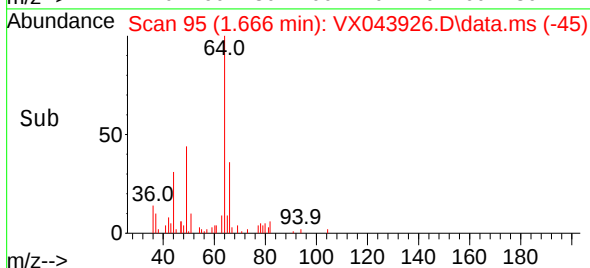
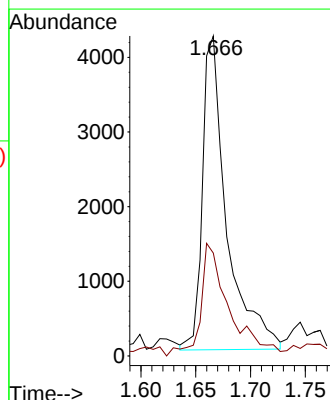
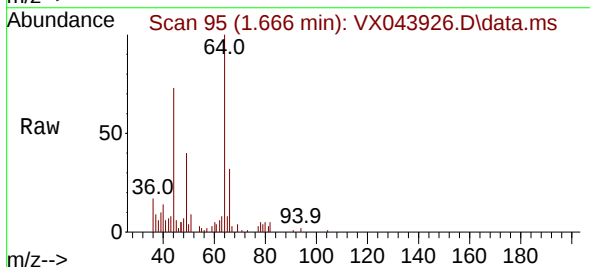
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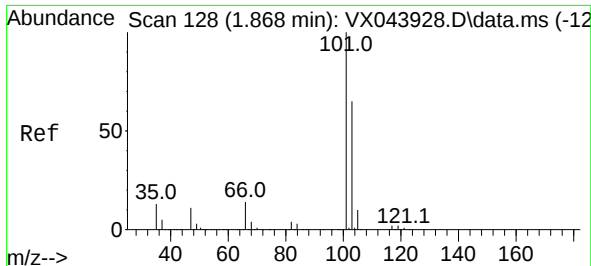
Tgt Ion: 64 Resp: 6474

Ion Ratio Lower Upper

64 100

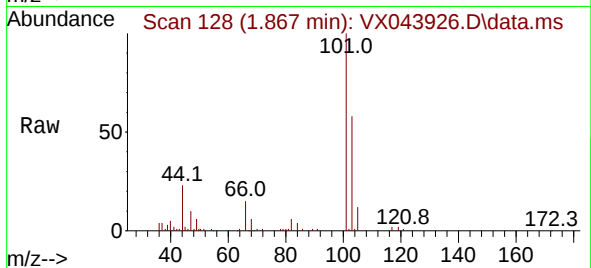
66 31.8 25.9 38.9





#7
Trichlorofluoromethane
Concen: 4.996 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

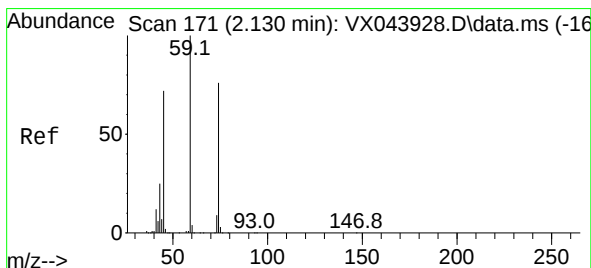
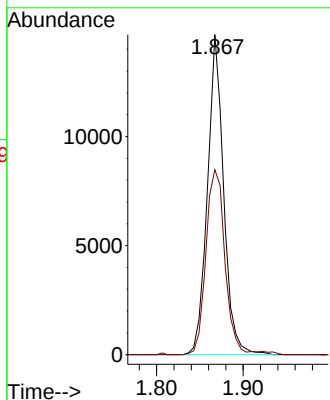
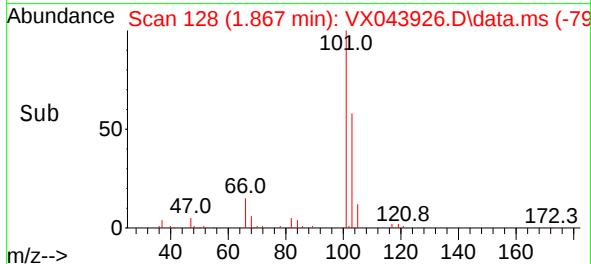
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



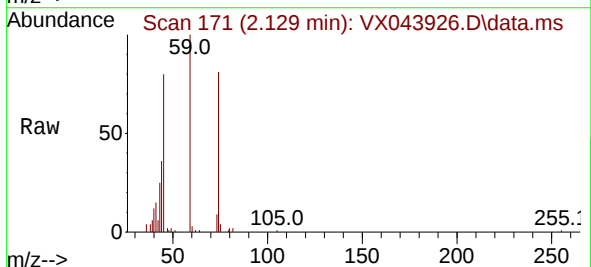
Tgt Ion:101 Resp: 1909
Ion Ratio Lower Upper
101 100
103 57.8 52.2 78.2

Manual Integrations
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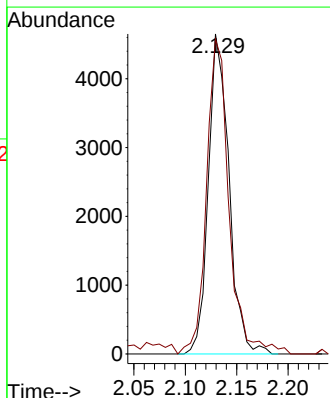
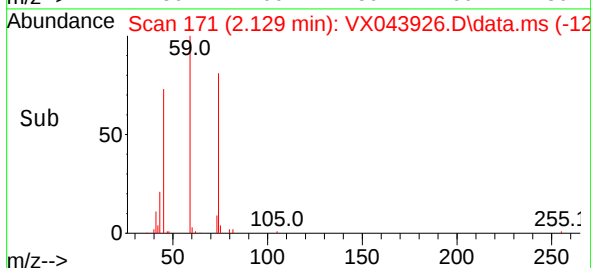
Reviewed By :John Carlone 11/22/2024
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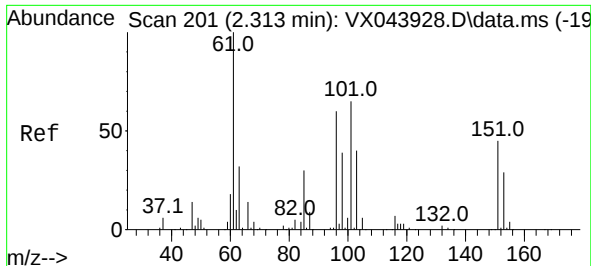


#8
Diethyl Ether
Concen: 4.651 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14



Tgt Ion: 74 Resp: 6480
Ion Ratio Lower Upper
74 100
45 106.9 47.9 143.6





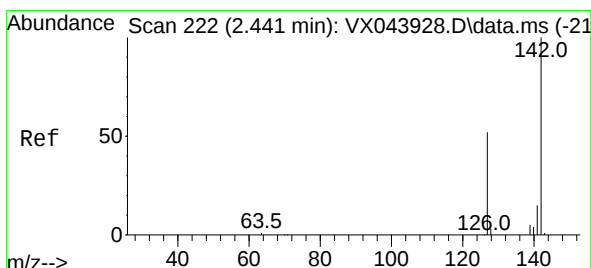
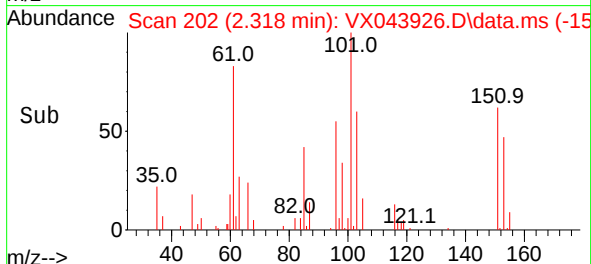
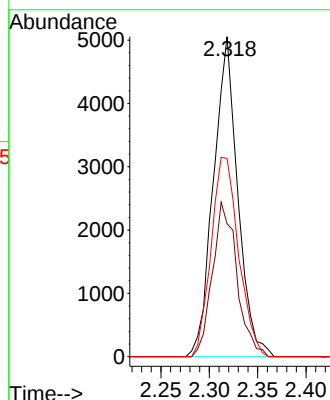
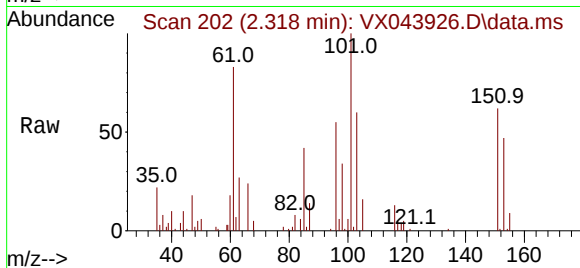
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.839 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 8824
Ion Ratio Lower Upper
101 100
85 48.4 37.9 56.9
151 70.3 57.5 86.3

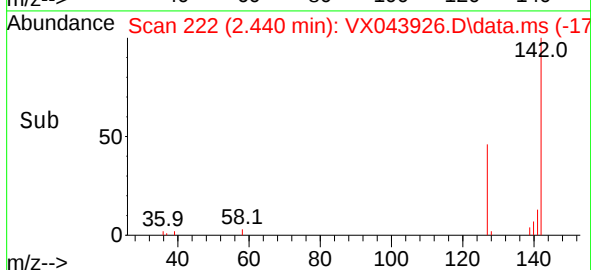
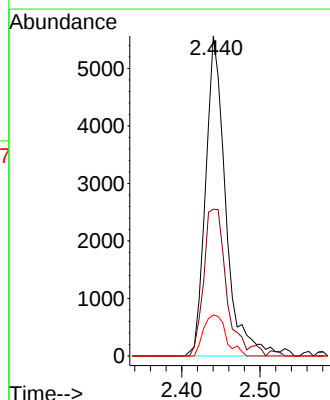
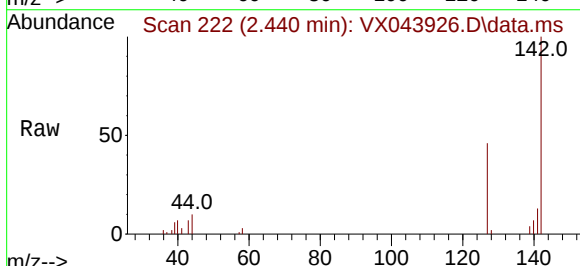
Manual Integrations
APPROVED

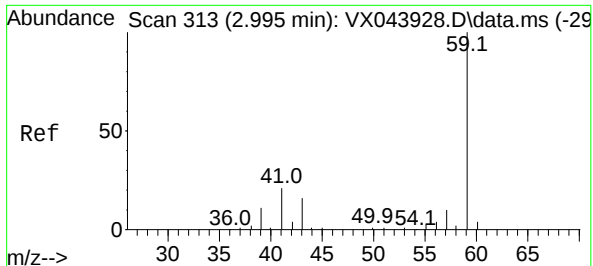
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
Methyl Iodide
Concen: 4.346 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion:142 Resp: 9897
Ion Ratio Lower Upper
142 100
127 52.4 40.7 61.1
141 14.4 12.0 18.0





#11

Tert butyl alcohol

Concen: 22.349 ug/l m

RT: 2.995 min Scan# 313

Delta R.T. -0.000 min

Lab File: VX043926.D

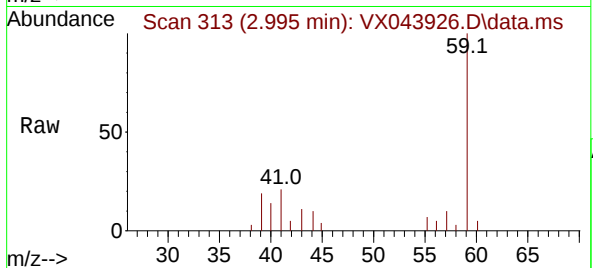
Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



Tgt Ion: 59 Resp: 9278

Ion Ratio Lower Upper

59 100

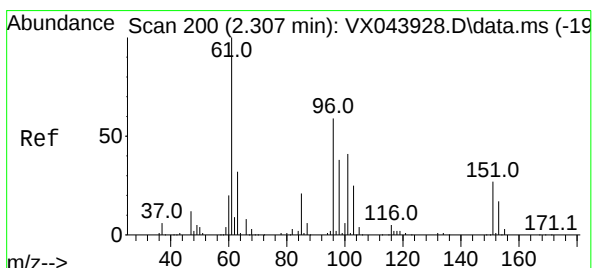
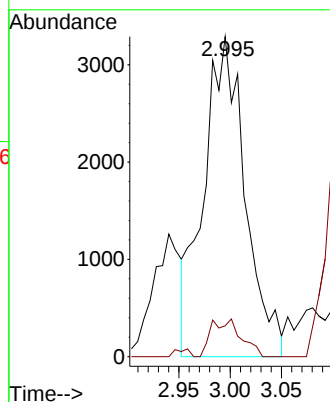
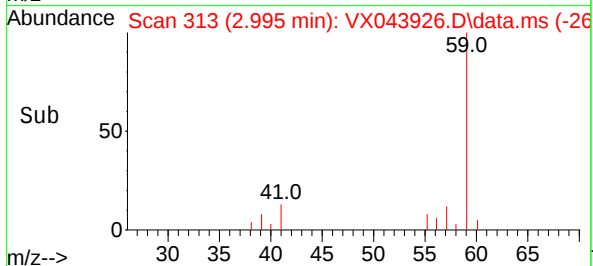
57 8.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#12

1,1-Dichloroethene

Concen: 4.597 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

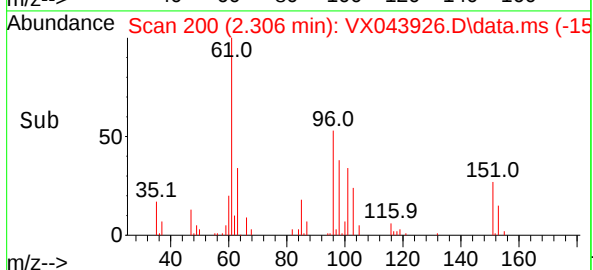
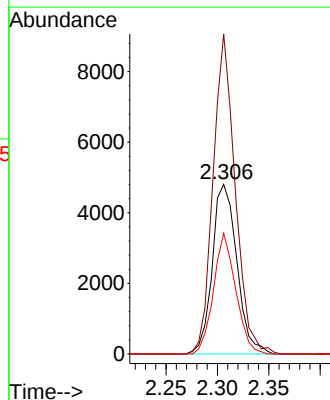
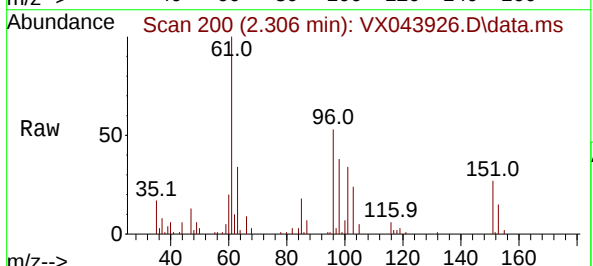
Tgt Ion: 96 Resp: 7987

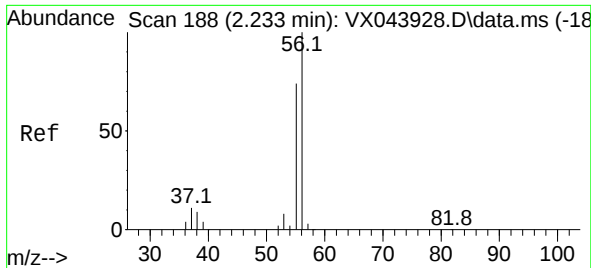
Ion Ratio Lower Upper

96 100

61 188.7 135.5 203.3

98 71.1 50.8 76.2





#13

Acrolein

Concen: 27.287 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 11940

Ion Ratio Lower Upper

56 100

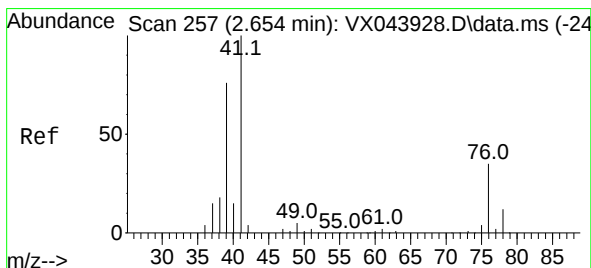
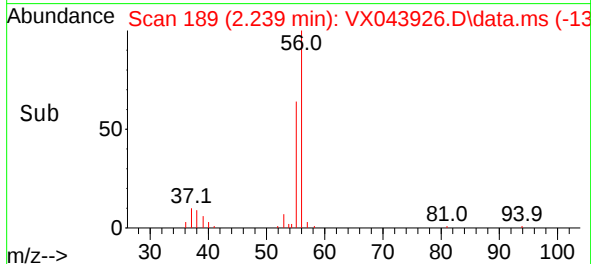
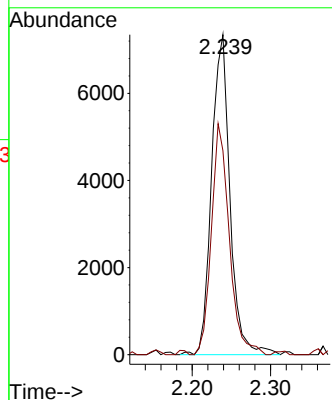
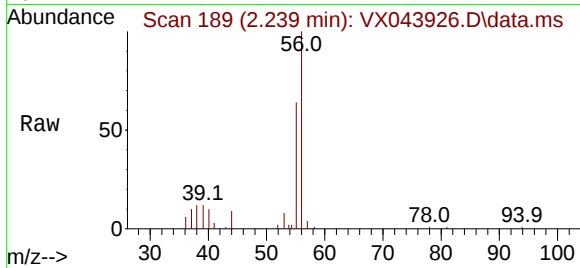
55 70.5 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#14

Allyl chloride

Concen: 4.534 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

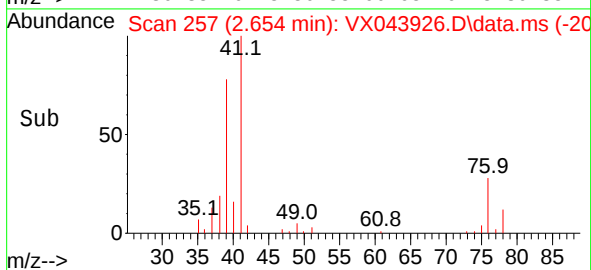
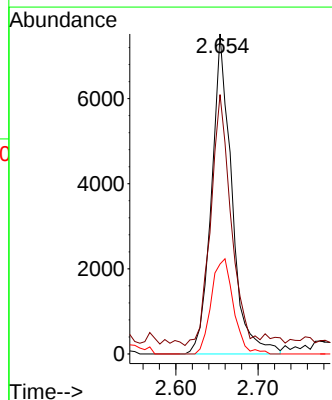
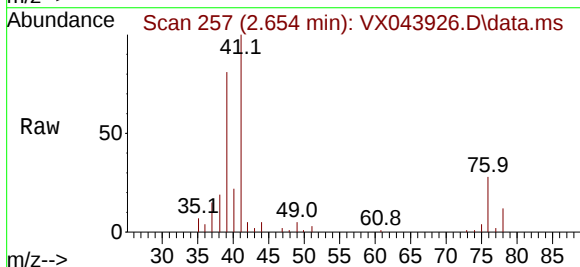
Tgt Ion: 41 Resp: 12874

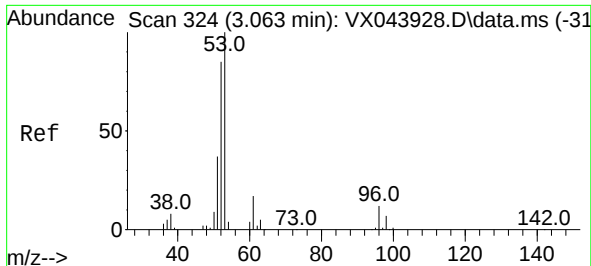
Ion Ratio Lower Upper

41 100

39 78.5 59.5 89.3

76 32.4 27.4 41.2





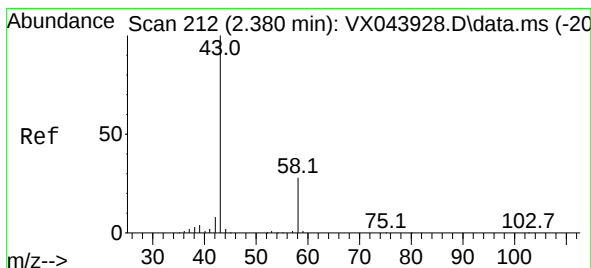
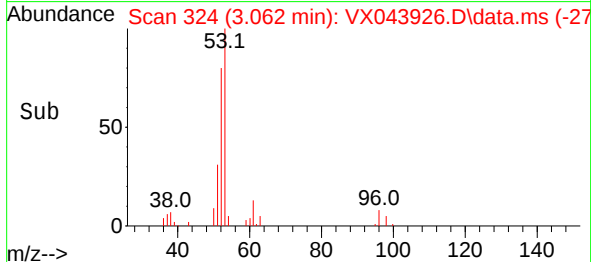
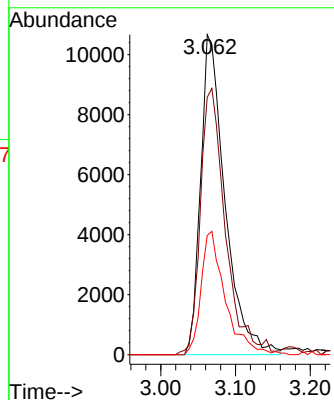
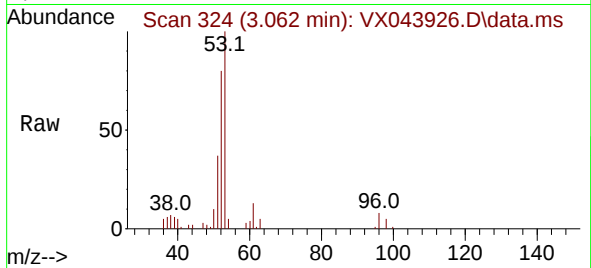
#15
Acrylonitrile
Concen: 24.010 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 53 Resp: 24290
Ion Ratio Lower Upper
53 100
52 84.7 66.5 99.7
51 38.0 30.2 45.4

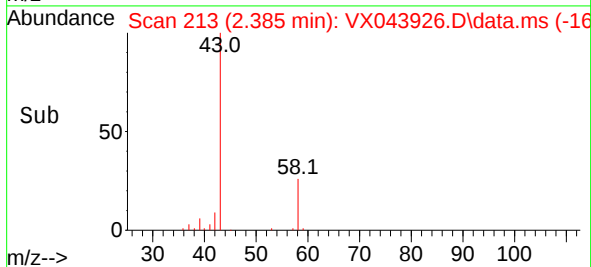
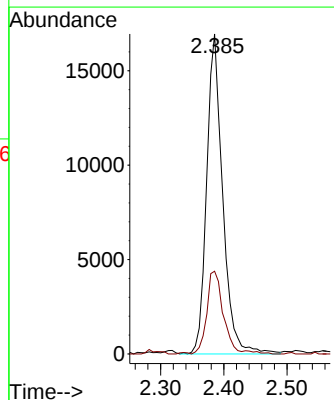
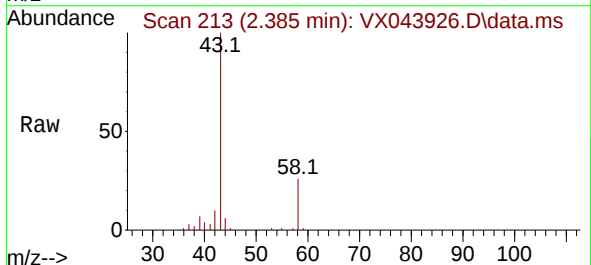
Manual Integrations
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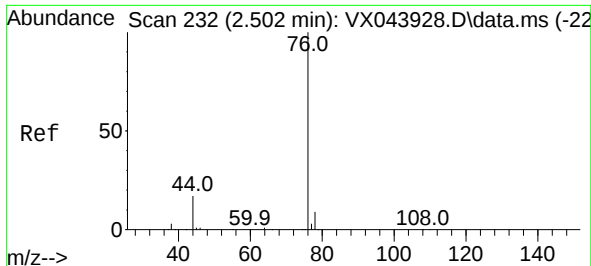
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
Acetone
Concen: 25.159 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion: 43 Resp: 29886
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1





#17

Carbon Disulfide

Concen: 4.022 ug/l

RT: 2.495 min Scan# 231

Delta R.T. -0.007 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 14415

Ion Ratio Lower Upper

76 100

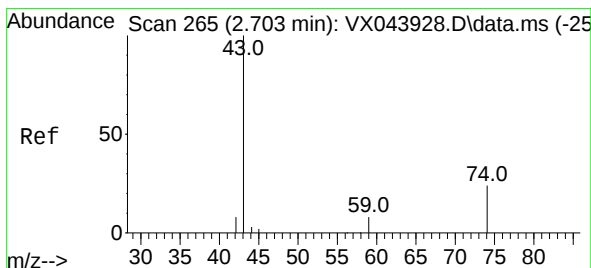
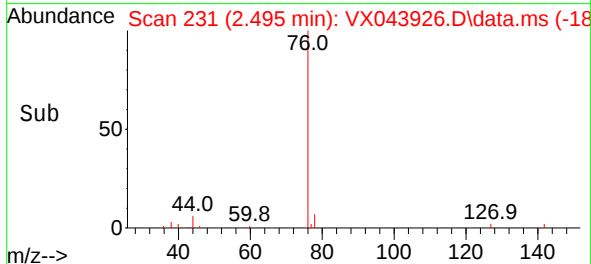
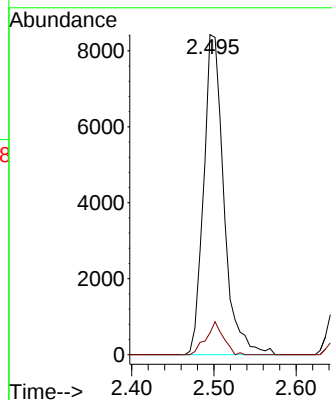
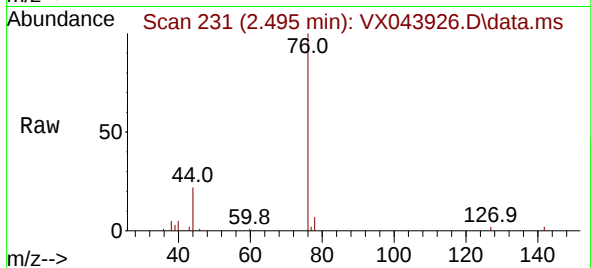
78 6.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#18

Methyl Acetate

Concen: 4.745 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043926.D

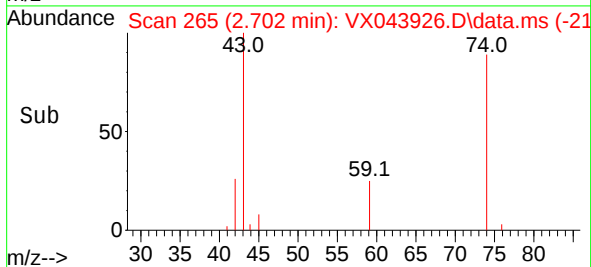
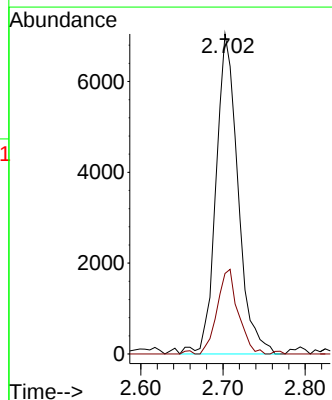
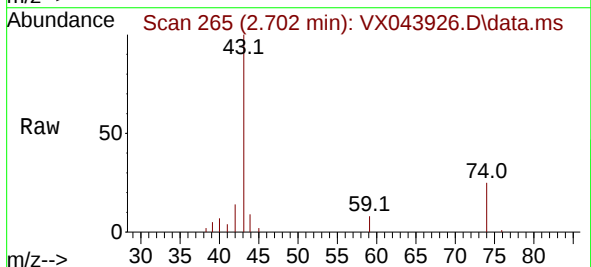
Acq: 21 Nov 2024 10:14

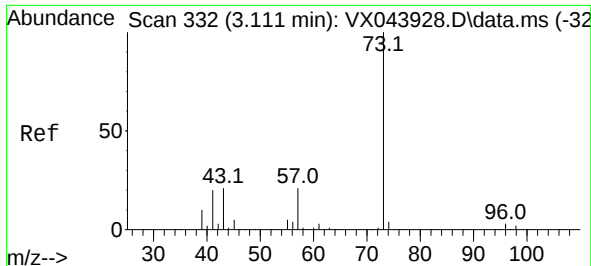
Tgt Ion: 43 Resp: 13127

Ion Ratio Lower Upper

43 100

74 25.0 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 4.759 ug/l

RT: 3.117 min Scan# 3002

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 3002

Ion Ratio Lower Upper

73 100

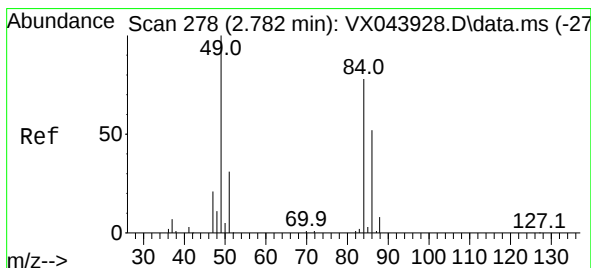
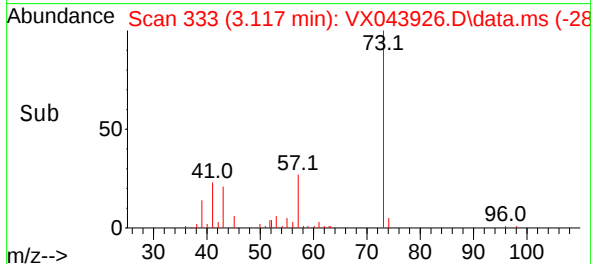
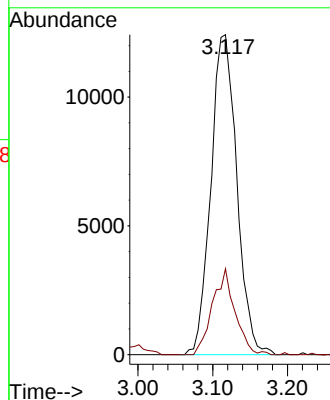
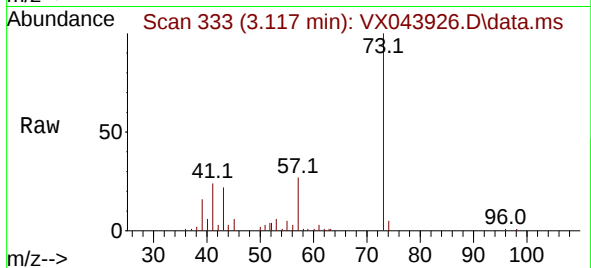
57 26.8 17.0 25.6

Manual Integrations

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Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#20

Methylene Chloride

Concen: 4.909 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion: 84 Resp: 9895

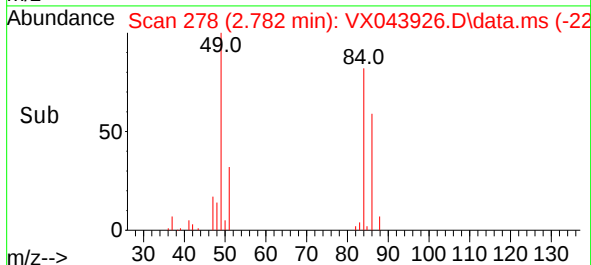
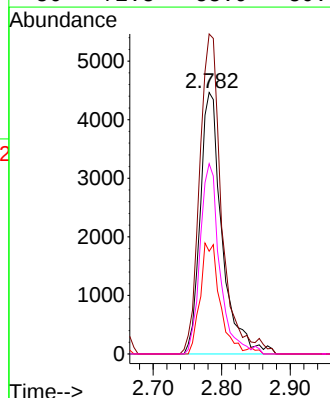
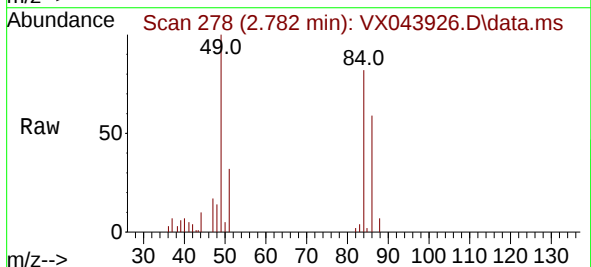
Ion Ratio Lower Upper

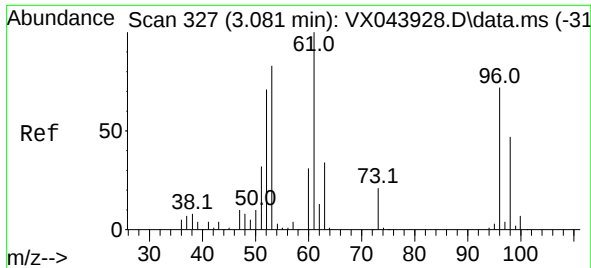
84 100

49 122.4 102.7 154.1

51 39.3 31.7 47.5

86 72.8 53.9 80.9





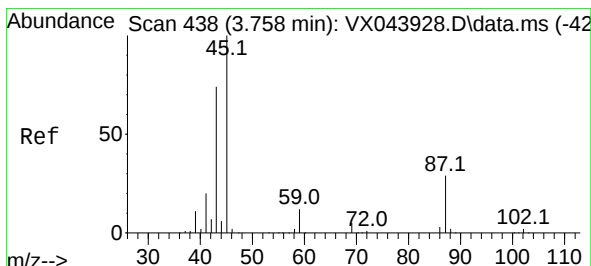
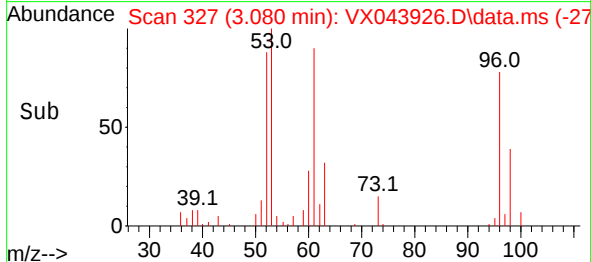
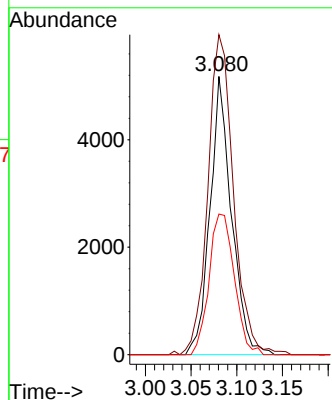
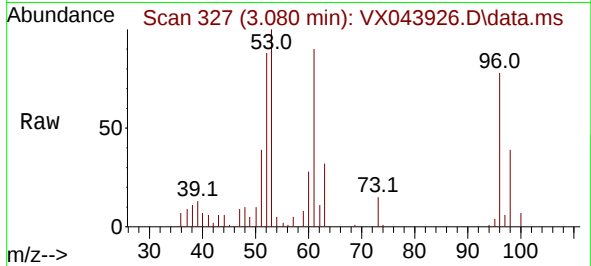
#21
trans-1,2-Dichloroethene
Concen: 4.730 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 8480
Ion Ratio Lower Upper
96 100
61 115.0 111.8 167.6
98 50.6 52.7 79.1

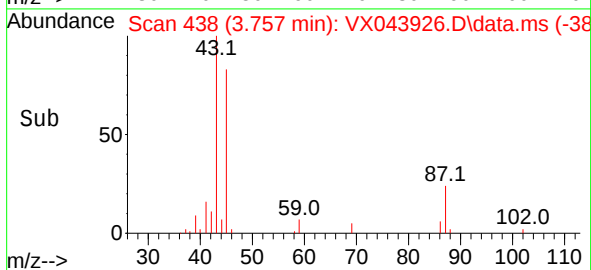
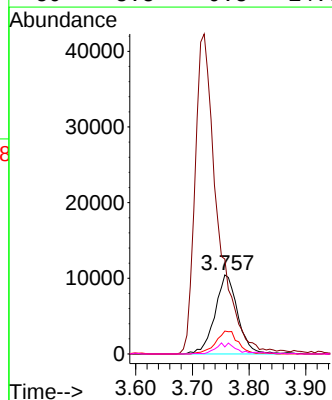
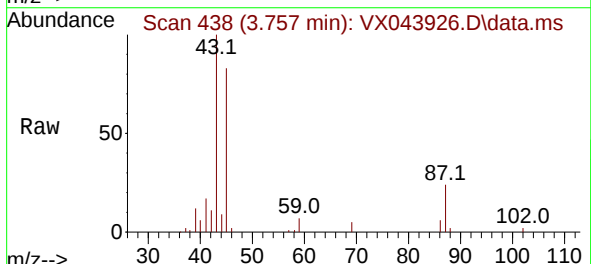
Manual Integrations
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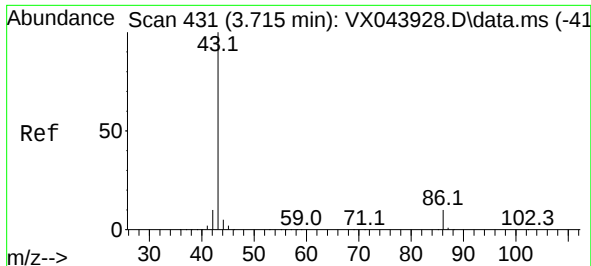
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#22
Diisopropyl ether
Concen: 4.794 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion: 45 Resp: 29102
Ion Ratio Lower Upper
45 100
43 118.7 59.6 89.4#
87 29.0 22.9 34.3
59 8.8 9.8 14.6#





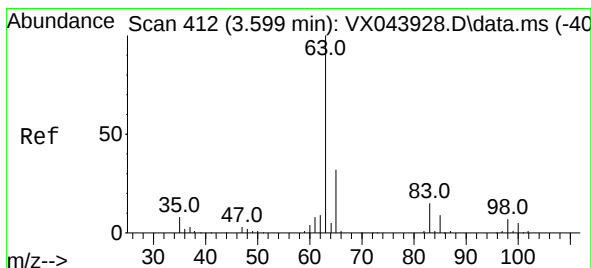
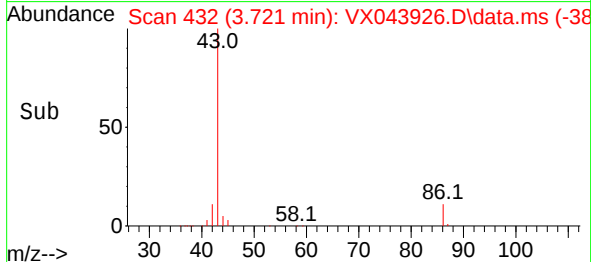
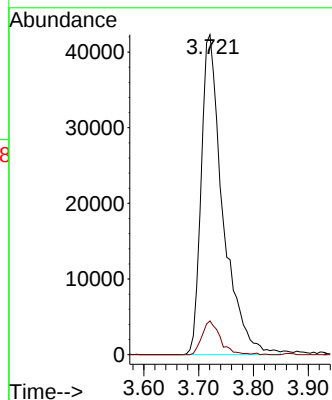
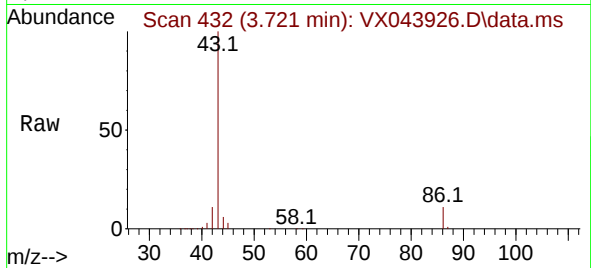
#23
Vinyl Acetate
Concen: 22.382 ug/l
RT: 3.721 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 11624
Ion Ratio Lower Upper
43 100
86 10.5 8.3 12.5

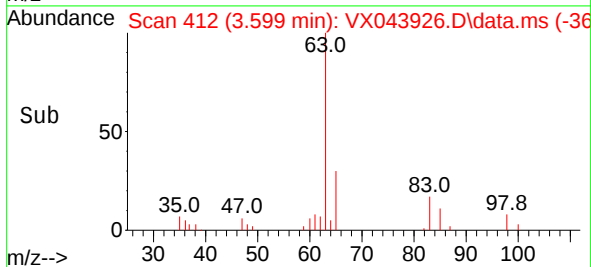
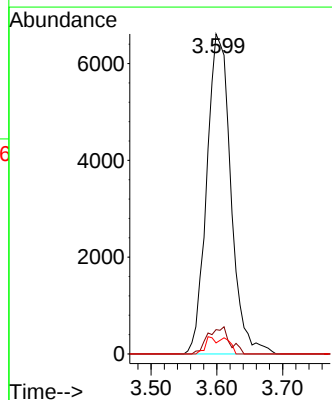
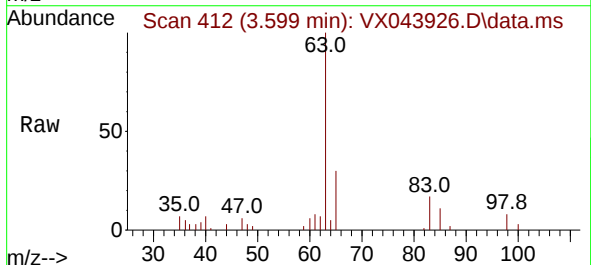
Manual Integrations
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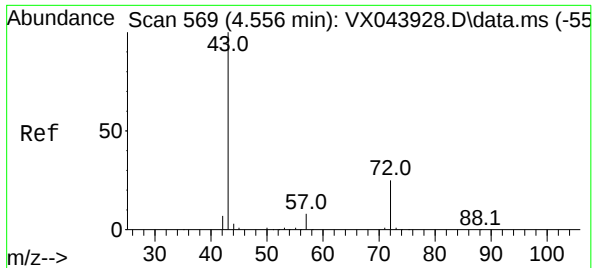
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#24
1,1-Dichloroethane
Concen: 4.813 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion: 63 Resp: 16857
Ion Ratio Lower Upper
63 100
98 7.6 3.5 10.6
100 3.5 2.4 7.1





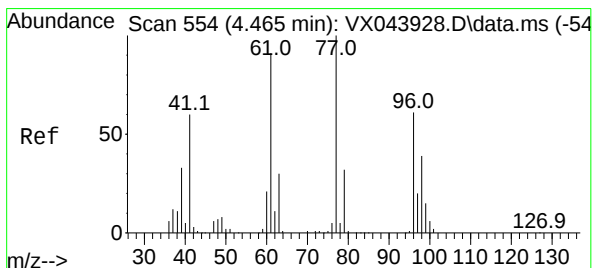
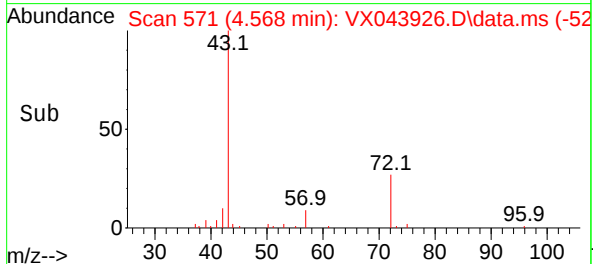
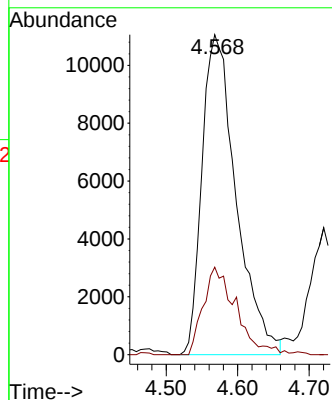
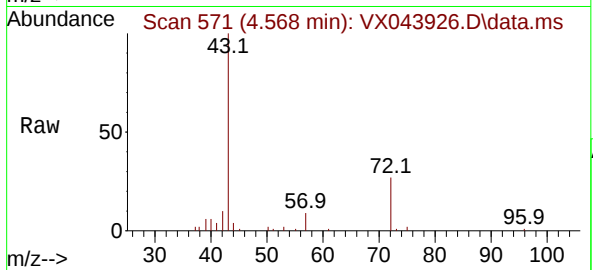
#25
2-Butanone
Concen: 23.931 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 36680
Ion Ratio Lower Upper
43 100
72 27.4 20.2 30.2

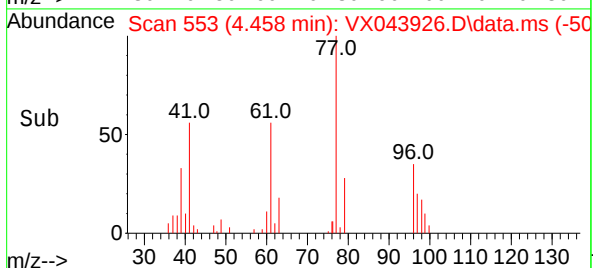
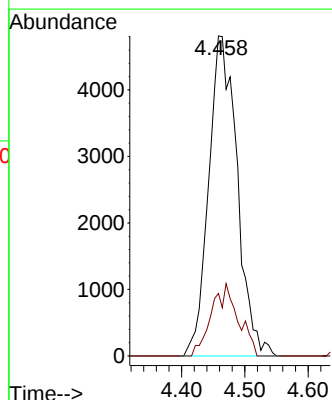
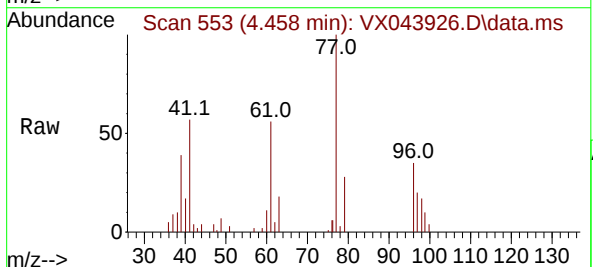
Manual Integrations
APPROVED

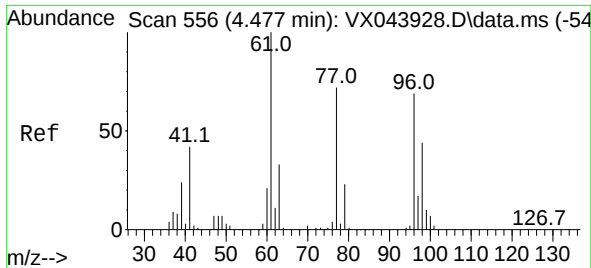
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
2,2-Dichloropropane
Concen: 4.755 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.007 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion: 77 Resp: 15040
Ion Ratio Lower Upper
77 100
97 10.0 10.8 32.3#





#27
 cis-1,2-Dichloroethene
 Concen: 4.579 ug/l
 RT: 4.477 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: VX043926.D
 Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

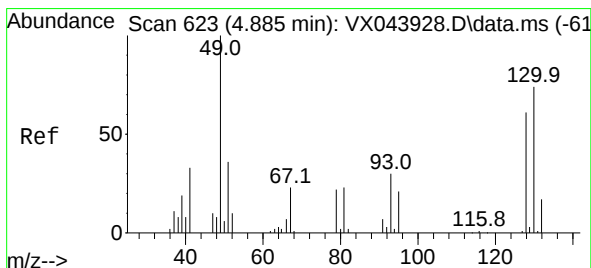
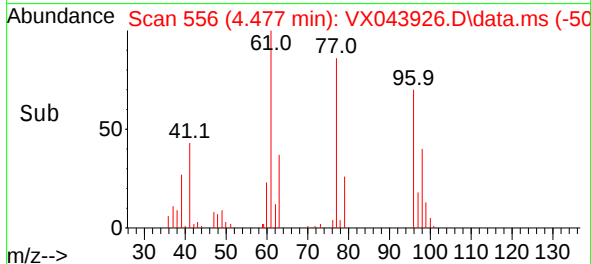
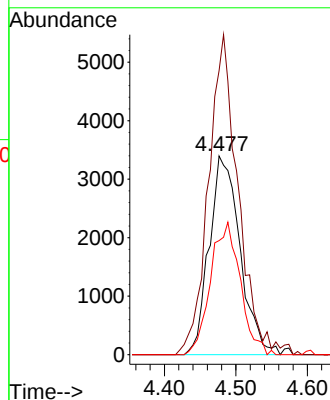
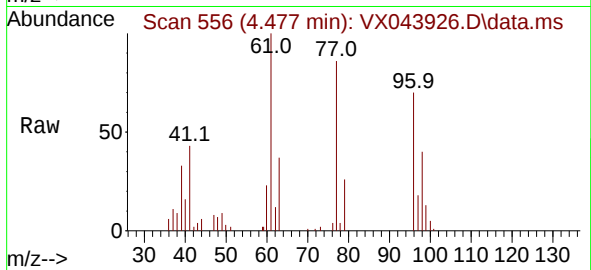
Tgt Ion: 96 Resp: 1015
 Ion Ratio Lower Upper
 96 100
 61 155.7 0.0 297.4
 98 64.3 0.0 127.8

Manual Integrations

APPROVED

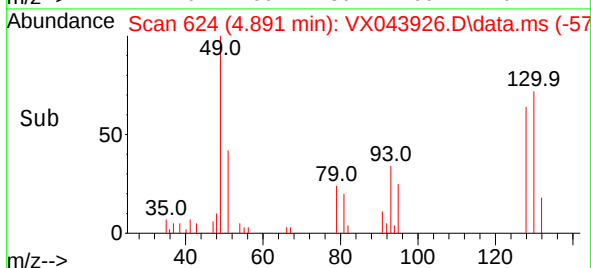
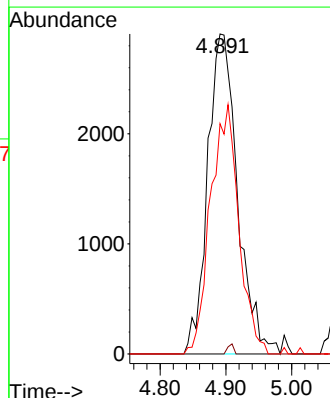
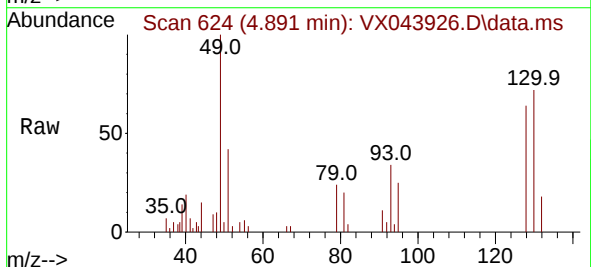
Reviewed By :John Carlone 11/22/2024

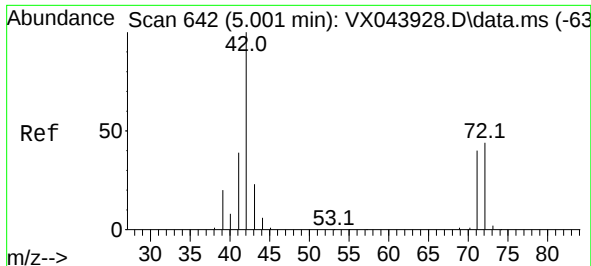
Supervised By :Mahesh Dadoda 11/22/2024



#28
 Bromochloromethane
 Concen: 5.974 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX043926.D
 Acq: 21 Nov 2024 10:14

Tgt Ion: 49 Resp: 9210
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.0
 130 73.5 59.0 88.6





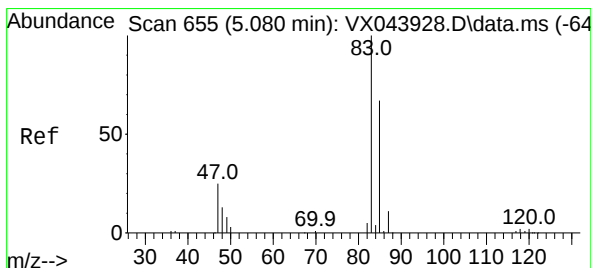
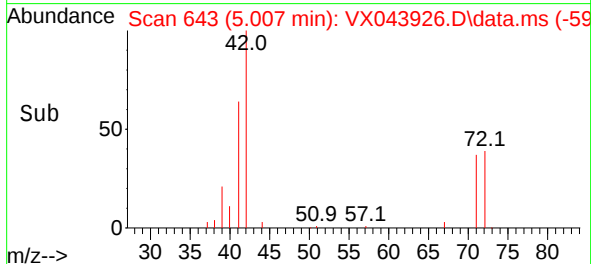
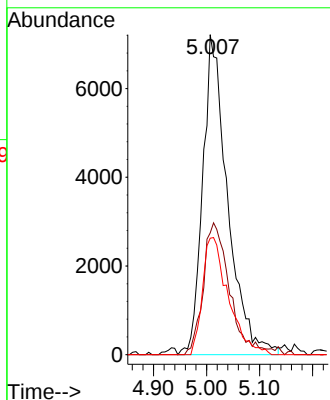
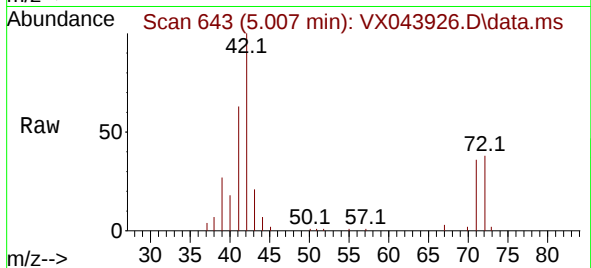
#29
Tetrahydrofuran
Concen: 25.028 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 23518
Ion Ratio Lower Upper
42 100
72 43.4 36.4 54.6
71 38.1 33.4 50.0

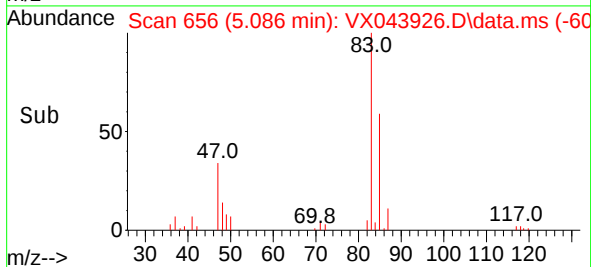
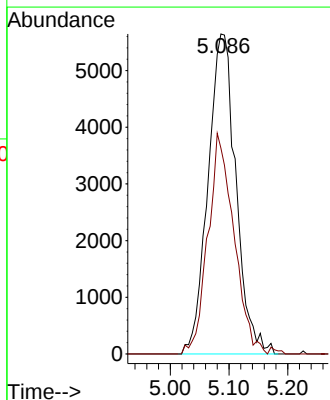
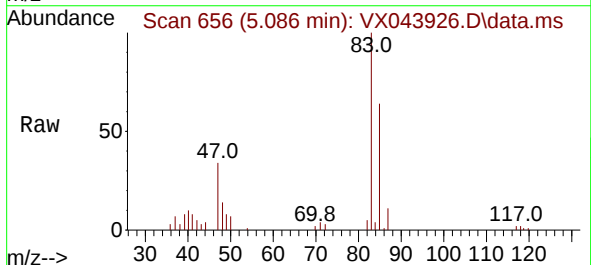
Manual Integrations
APPROVED

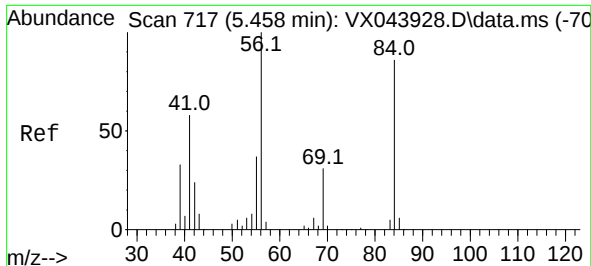
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
Chloroform
Concen: 4.954 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

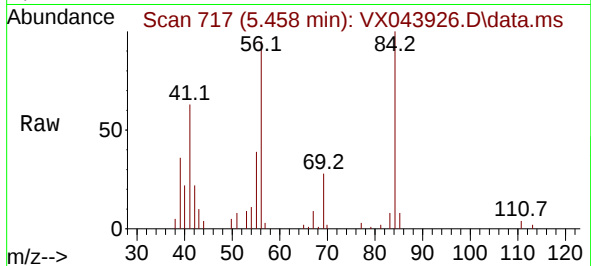
Tgt Ion: 83 Resp: 18661
Ion Ratio Lower Upper
83 100
85 64.3 53.5 80.3





#31
Cyclohexane
Concen: 4.767 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

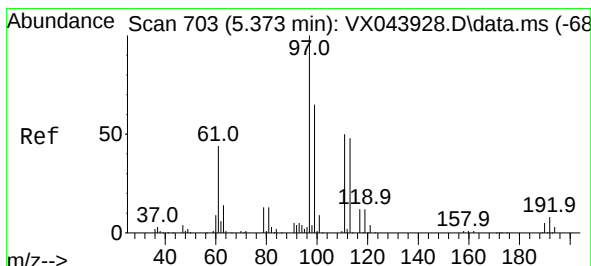
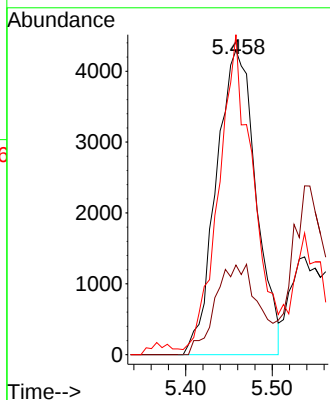
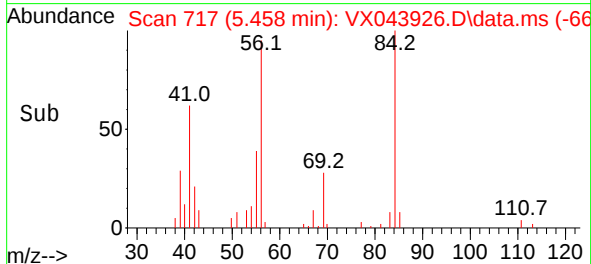
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



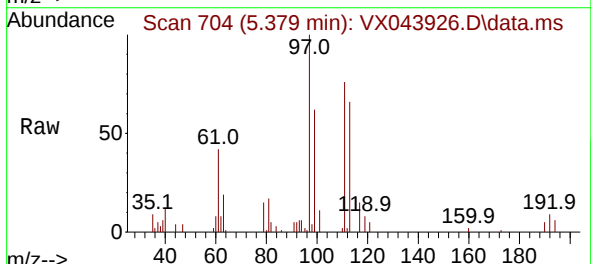
Tgt Ion: 56 Resp: 13740
Ion Ratio Lower Upper
56 100
69 29.5 24.7 37.1
84 103.2 68.7 103.1

Manual Integrations
APPROVED

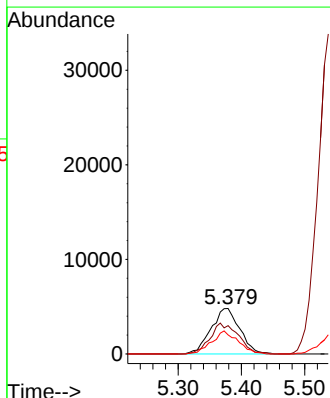
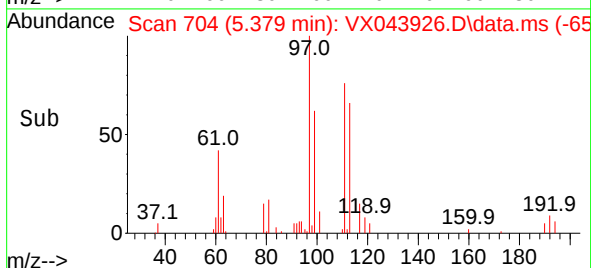
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

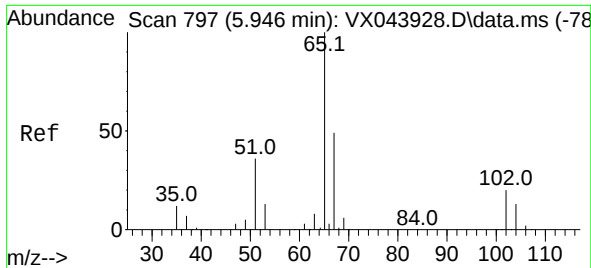


#32
1,1,1-Trichloroethane
Concen: 4.667 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14



Tgt Ion: 97 Resp: 15162
Ion Ratio Lower Upper
97 100
99 66.9 50.8 76.2
61 46.2 35.4 53.2





#33
1,2-Dichloroethane-d4
Concen: 5.398 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

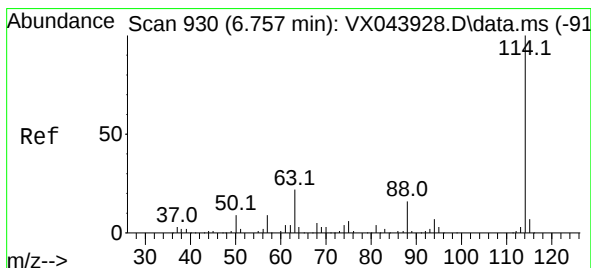
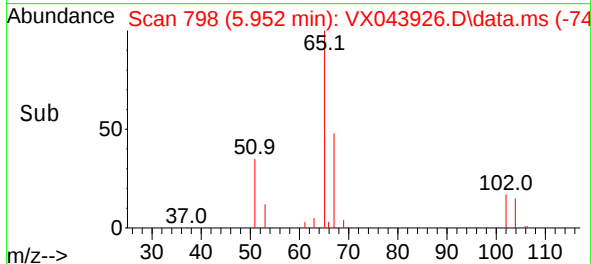
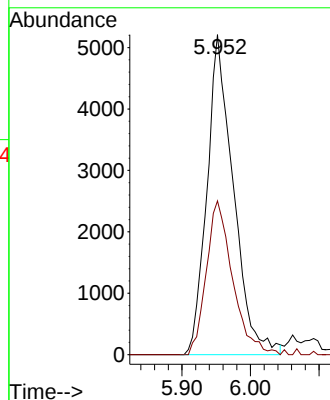
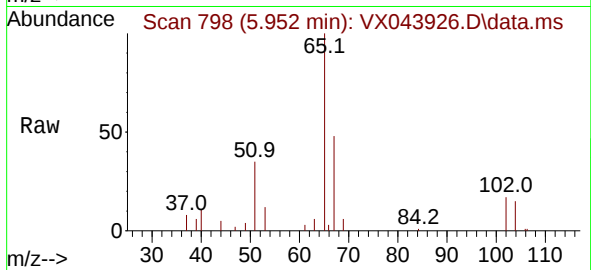
VSTDIC005

Tgt Ion: 65 Resp: 1396
Ion Ratio Lower Upper
65 100
67 47.8 0.0 100.8

Manual Integrations

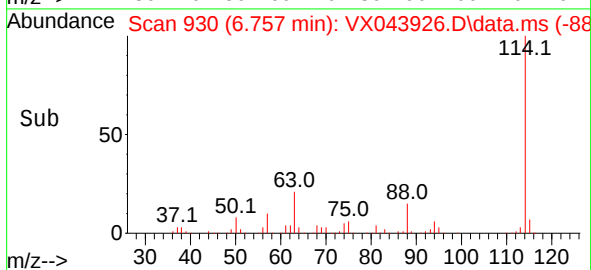
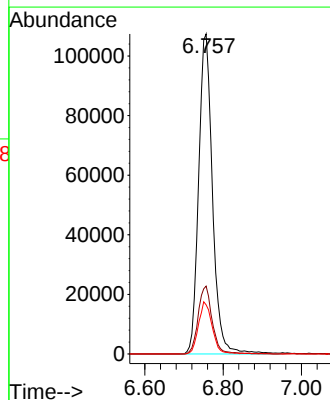
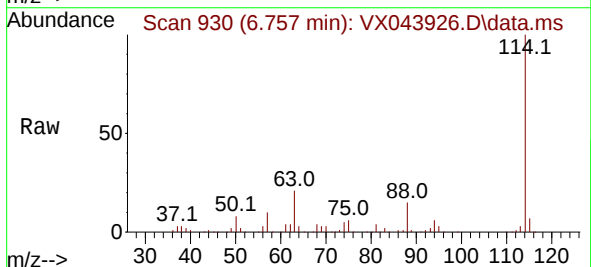
APPROVED

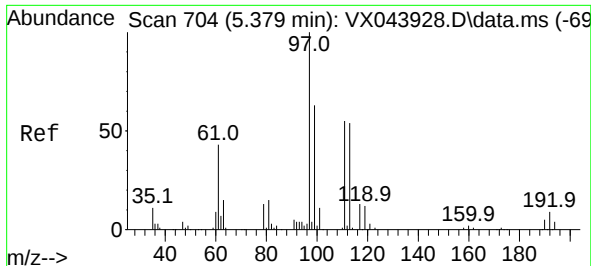
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion:114 Resp: 264969
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.0
88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 5.198 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043926.D

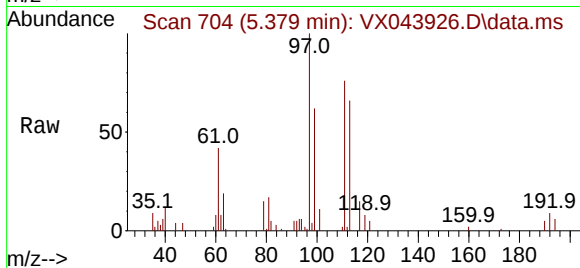
Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



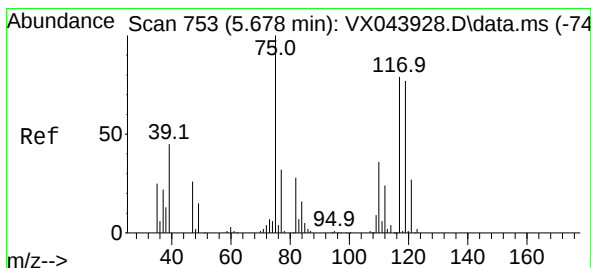
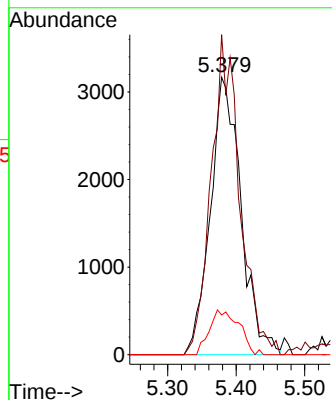
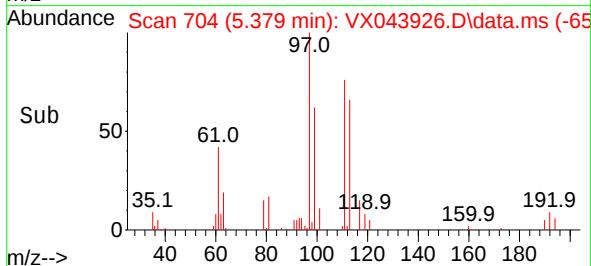
Tgt Ion:	113	Resp:	984
Ion	Ratio	Lower	Upper
113	100		
111	107.2	81.0	121.4
192	15.6	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#36

1,1-Dichloropropene

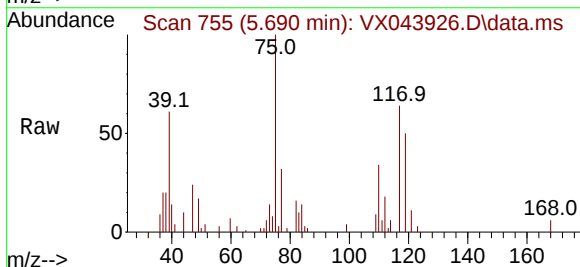
Concen: 4.834 ug/l

RT: 5.690 min Scan# 755

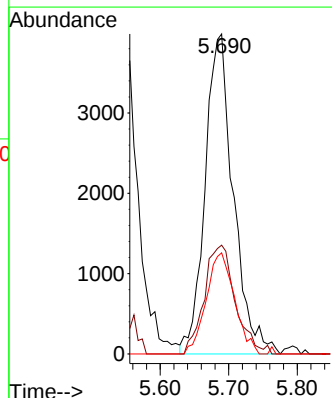
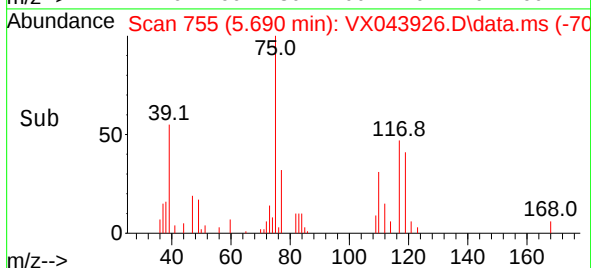
Delta R.T. 0.012 min

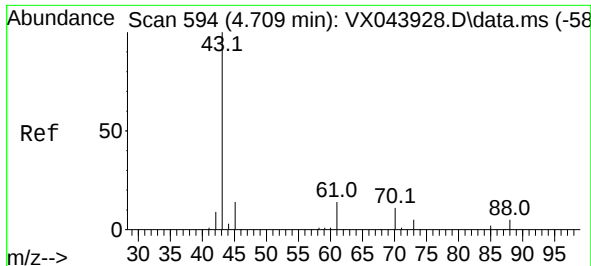
Lab File: VX043926.D

Acq: 21 Nov 2024 10:14



Tgt Ion:	75	Resp:	11406
Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.4	52.2
77	31.6	25.8	38.8





#37
Ethyl Acetate
Concen: 4.968 ug/l m
RT: 4.720 min Scan# 594
Delta R.T. 0.012 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

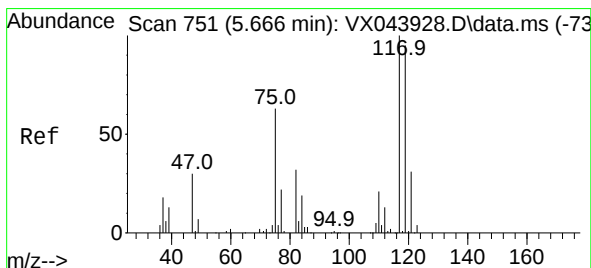
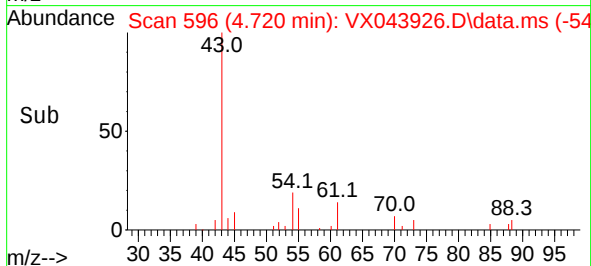
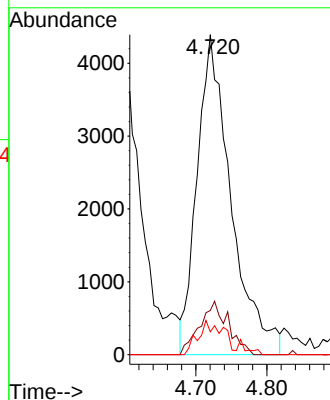
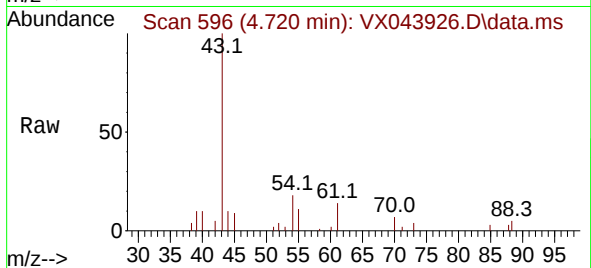
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 7.8 8.0 12.0

Manual Integrations

APPROVED

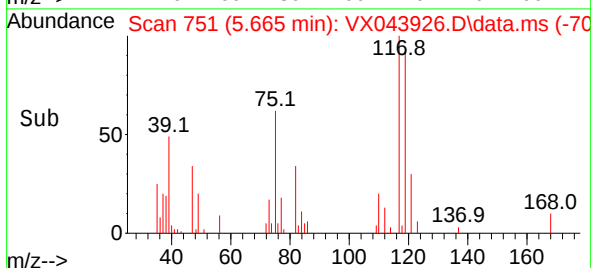
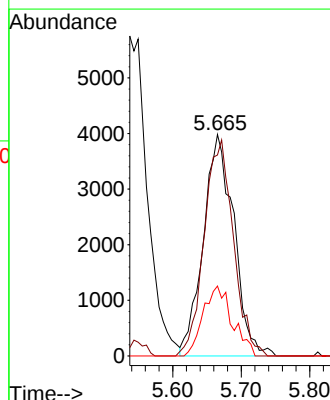
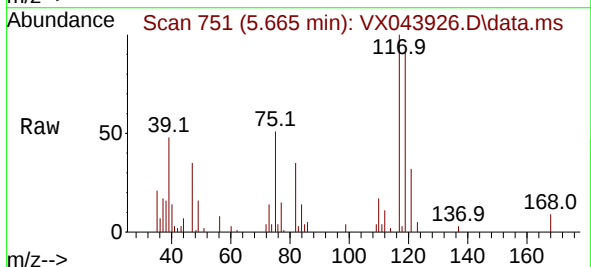
Reviewed By :John Carlone 11/22/2024

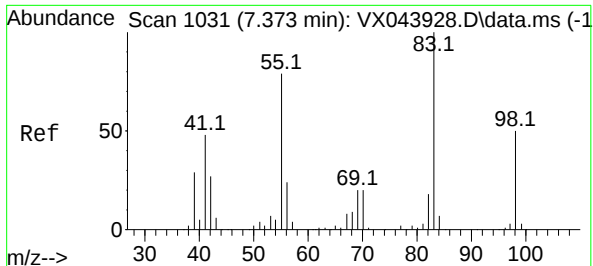
Supervised By :Mahesh Dadoda 11/22/2024



#38
Carbon Tetrachloride
Concen: 4.658 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion:117 Resp: 12348
Ion Ratio Lower Upper
117 100
119 90.7 75.2 112.8
121 31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 4.803 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

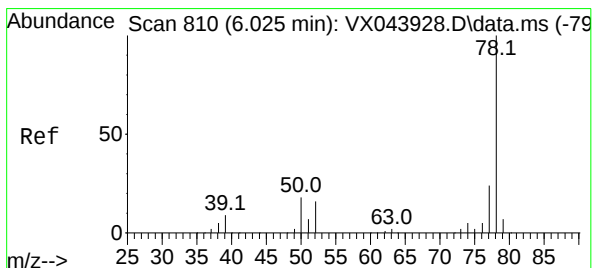
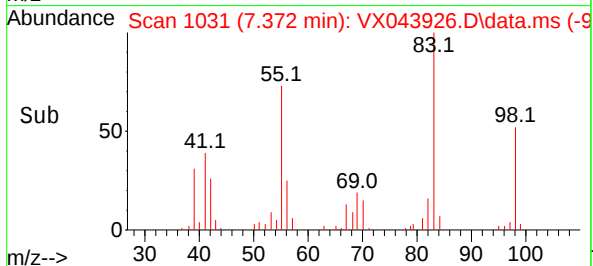
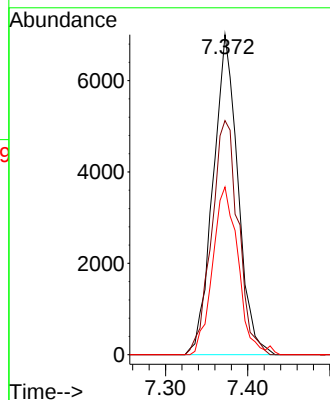
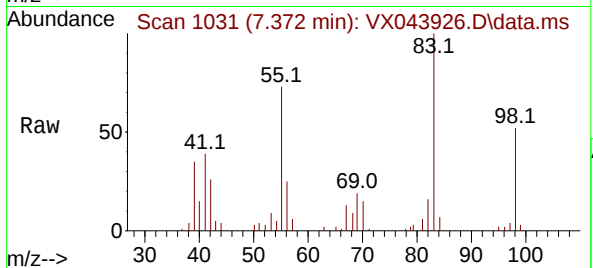
Tgt Ion: 83	Resp: 1472
Ion Ratio	Lower Upper
83	100
55	73.1 63.1 94.7
98	52.4 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#40

Benzene

Concen: 4.937 ug/l

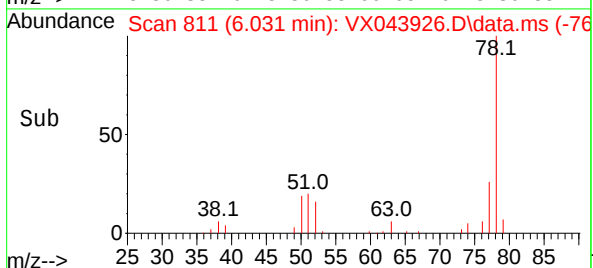
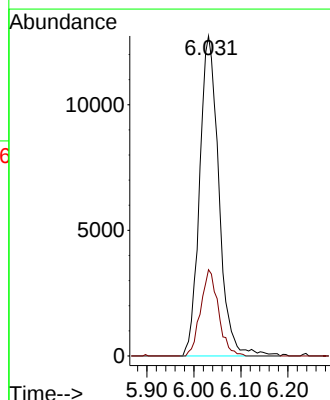
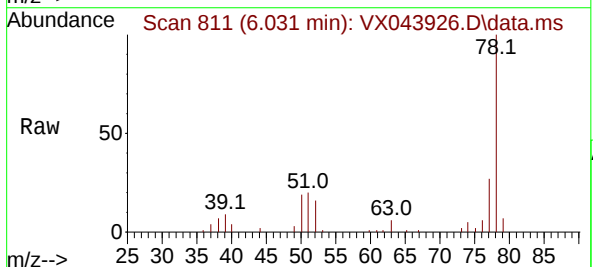
RT: 6.031 min Scan# 811

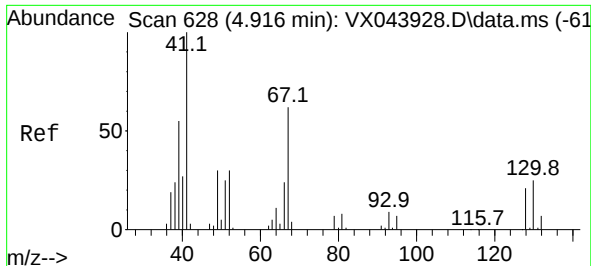
Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

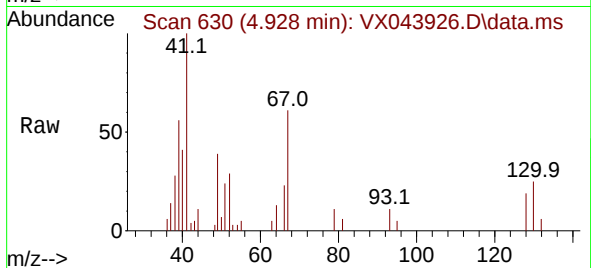
Tgt Ion: 78	Resp: 36283
Ion Ratio	Lower Upper
78	100
77	27.0 19.2 28.8





#41
Methacrylonitrile
Concen: 4.907 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

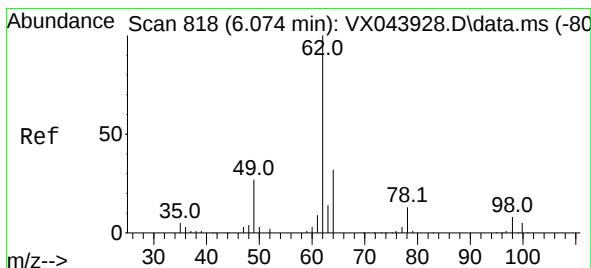
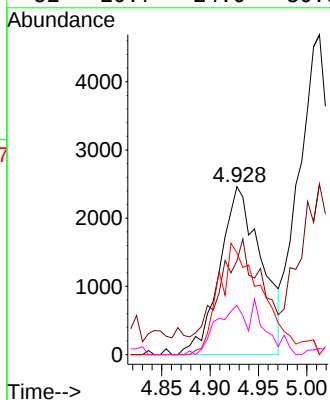
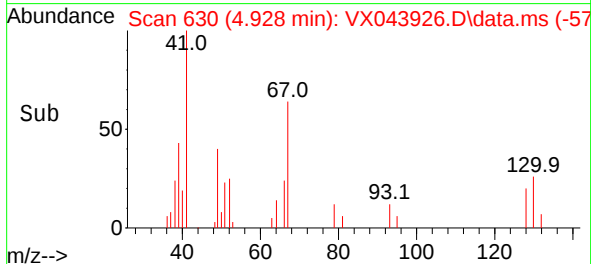
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	735
Ion	Ratio	Lower	Upper
41	100		
39	52.5	41.7	62.5
67	72.4	55.8	83.8
52	20.7	24.0	36.0

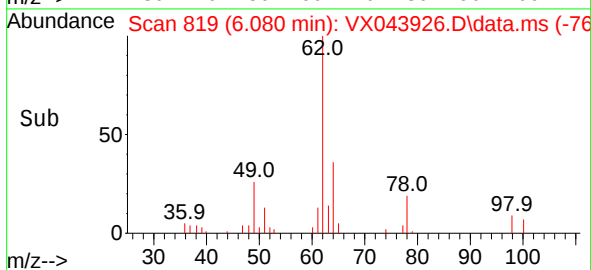
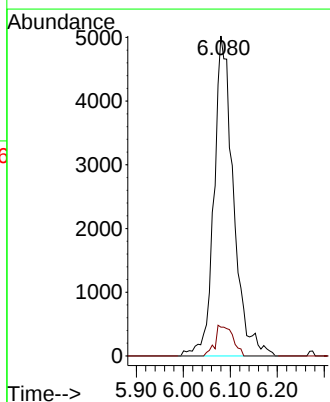
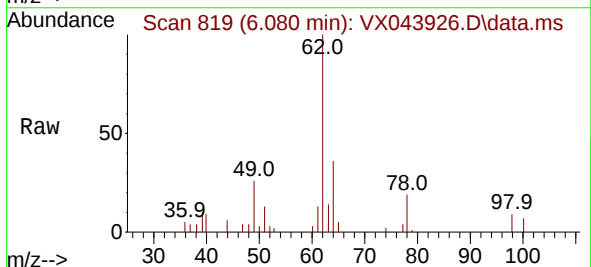
Manual Integrations
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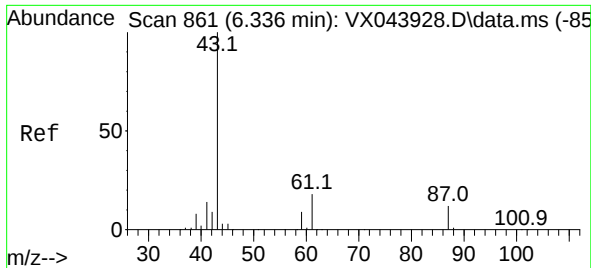
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
1,2-Dichloroethane
Concen: 4.901 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion:	62	Resp:	14467
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.4





#43

Isopropyl Acetate

Concen: 4.777 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 2226

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

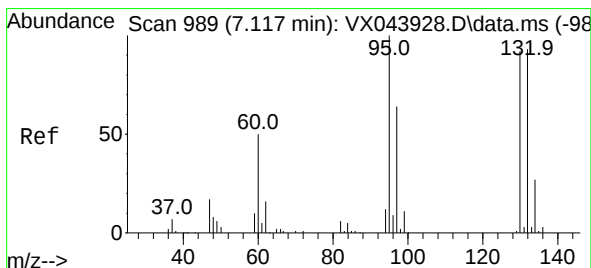
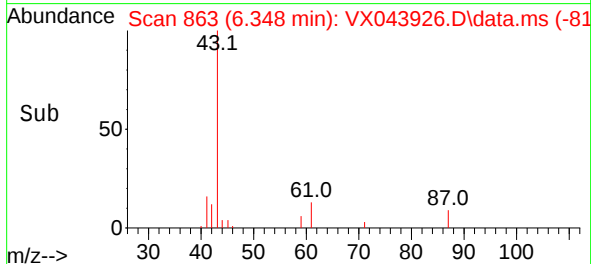
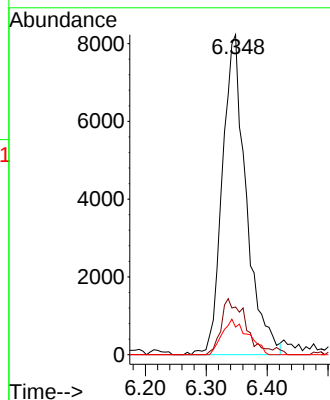
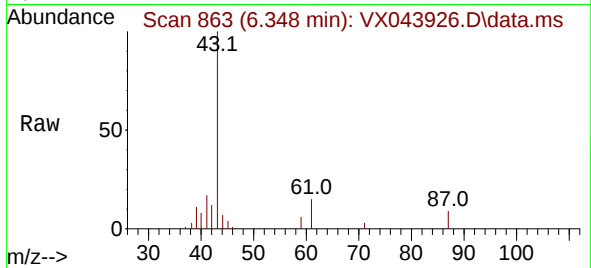
87 11.9 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#44

Trichloroethene

Concen: 4.736 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX043926.D

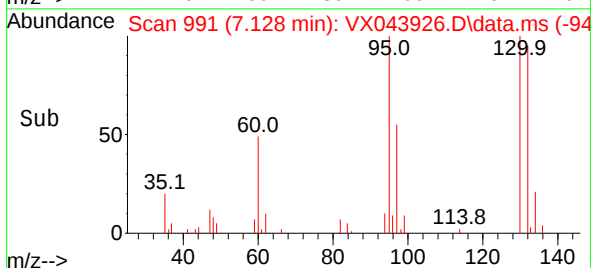
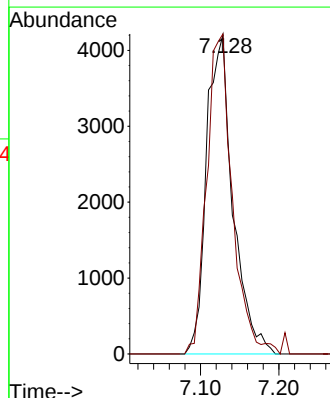
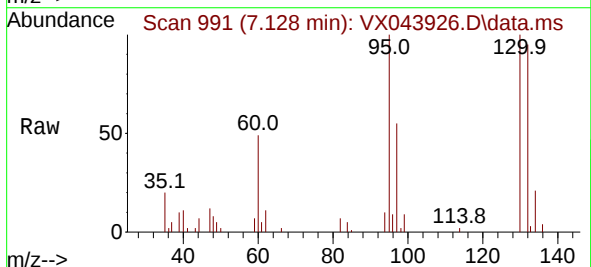
Acq: 21 Nov 2024 10:14

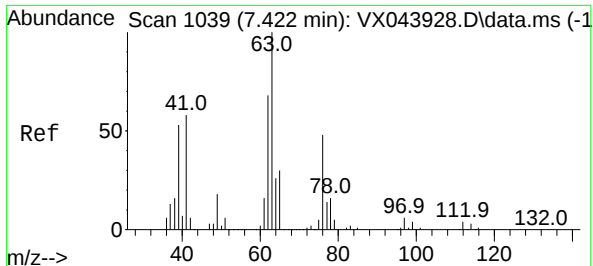
Tgt Ion:130 Resp: 9852

Ion Ratio Lower Upper

130 100

95 100.3 0.0 217.8





#45

1,2-Dichloropropane

Concen: 4.736 ug/l

RT: 7.427 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 8524

Ion Ratio Lower Upper

63 100

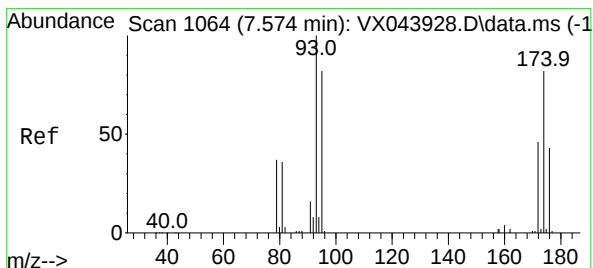
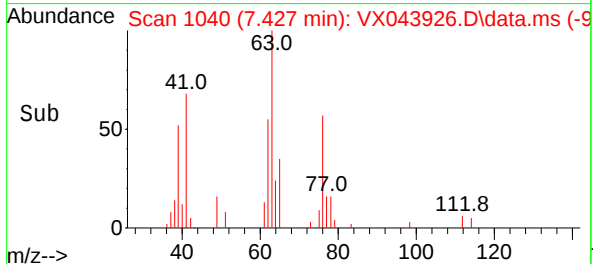
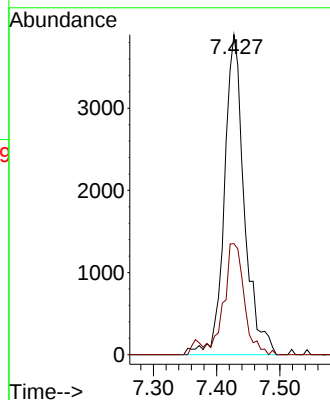
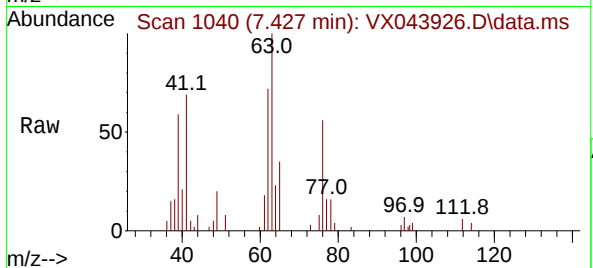
65 34.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#46

Dibromomethane

Concen: 4.475 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.012 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

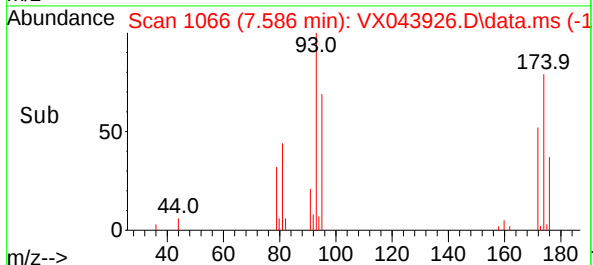
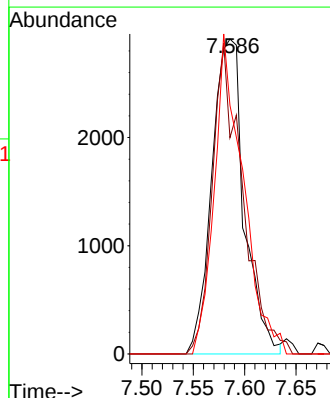
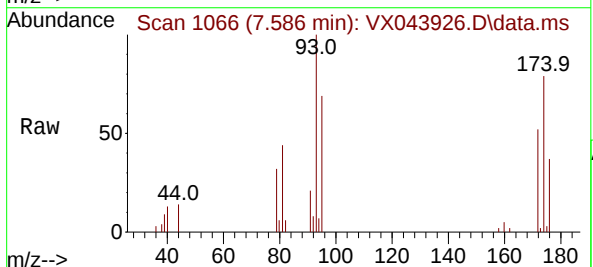
Tgt Ion: 93 Resp: 6372

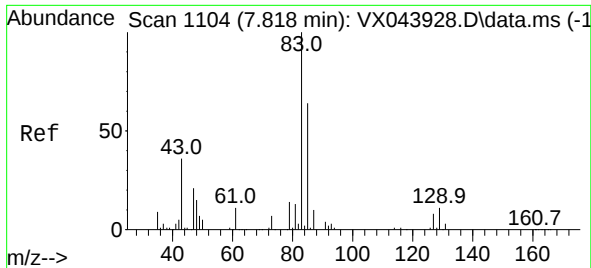
Ion Ratio Lower Upper

93 100

95 92.5 66.2 99.4

174 90.3 69.6 104.4





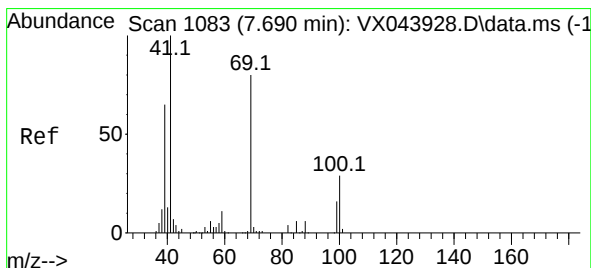
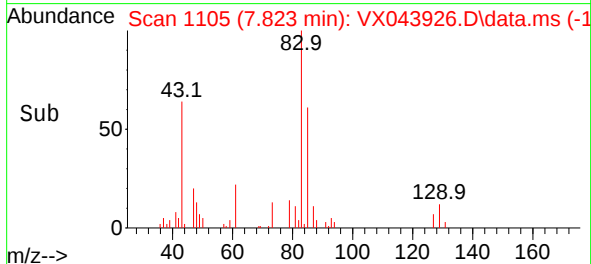
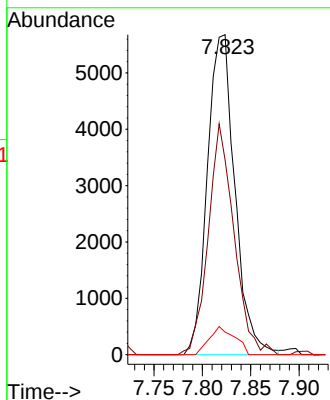
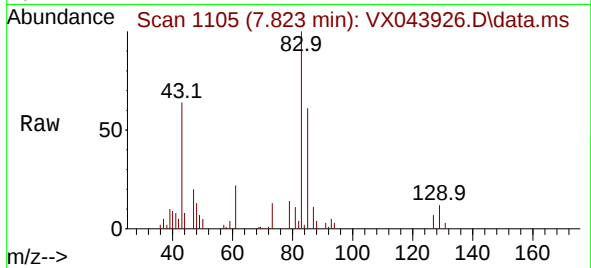
#47
Bromodichloromethane
Concen: 4.405 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 11249
Ion Ratio Lower Upper
83 100
85 60.8 51.4 77.0
127 7.1 6.6 10.0

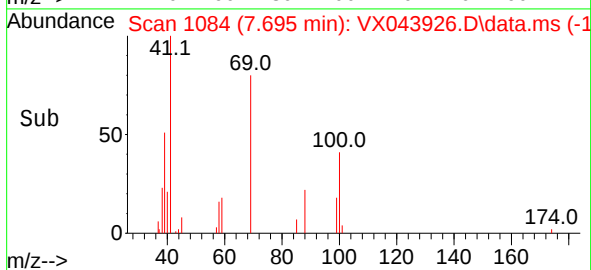
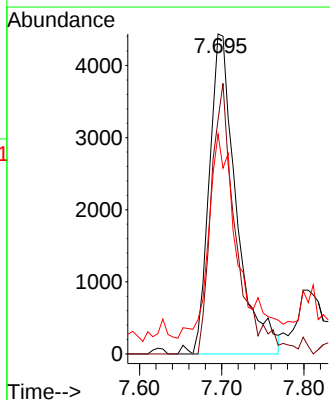
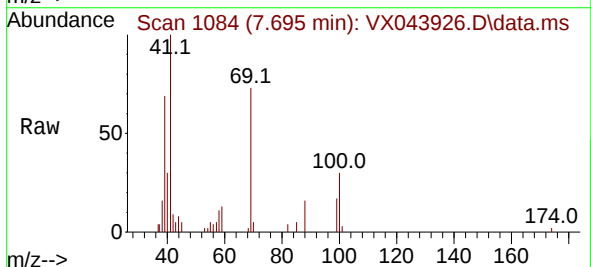
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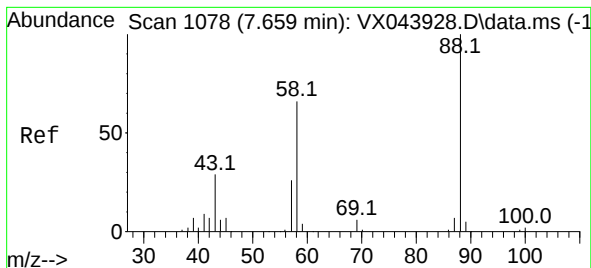
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#48
Methyl methacrylate
Concen: 4.556 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion: 41 Resp: 10190
Ion Ratio Lower Upper
41 100
69 77.6 64.6 97.0
39 60.5 53.3 79.9





#49

1,4-Dioxane

Concen: 106.070 ug/l m

RT: 7.677 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

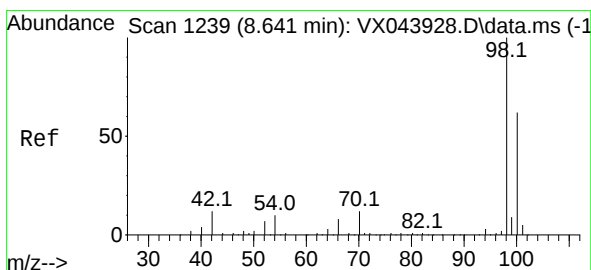
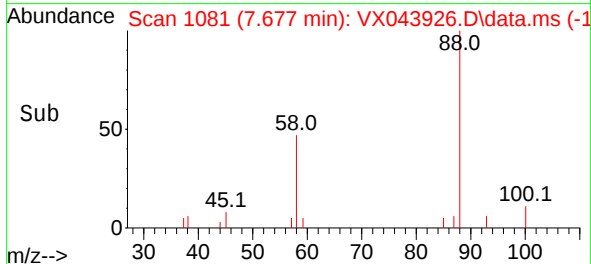
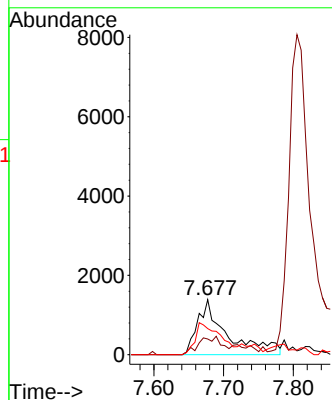
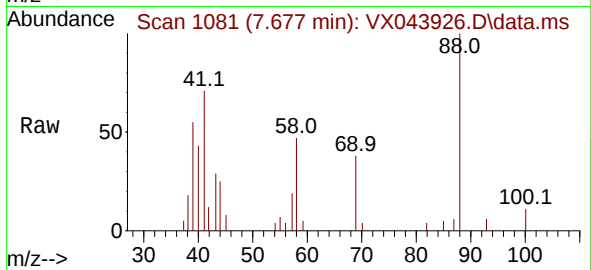
Tgt Ion: 88 Resp: 4090
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.8 40.2
 58 49.5 45.4 68.2

Manual Integrations

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Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#50

Toluene-d8

Concen: 5.389 ug/l

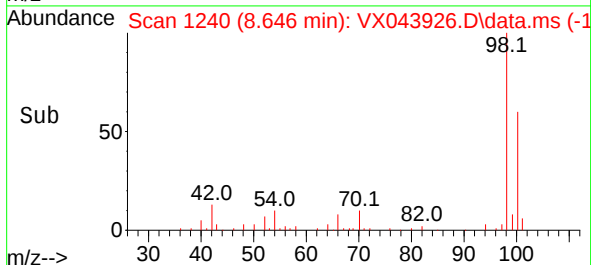
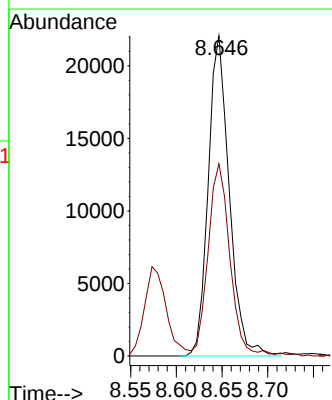
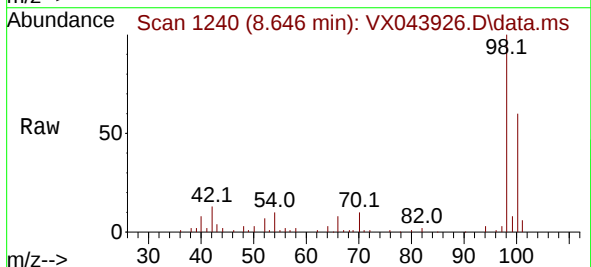
RT: 8.646 min Scan# 1240

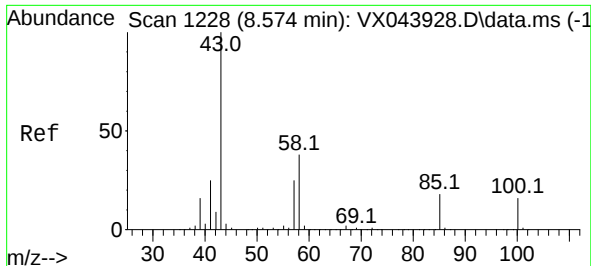
Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion: 98 Resp: 35173
 Ion Ratio Lower Upper
 98 100
 100 62.7 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 24.556 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 6984

Ion Ratio Lower Upper

43 100

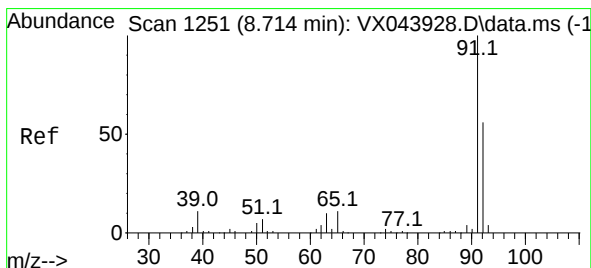
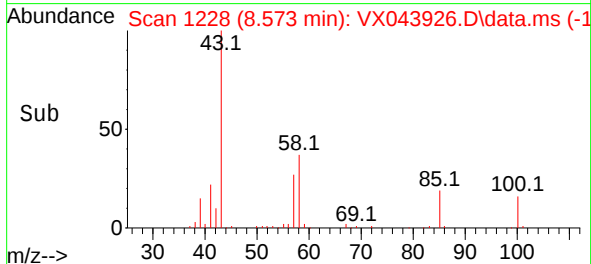
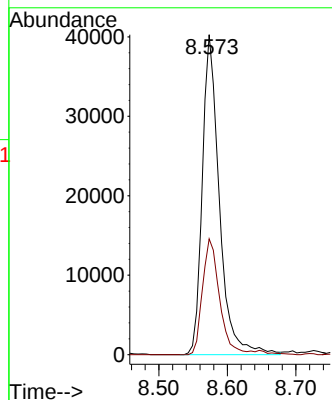
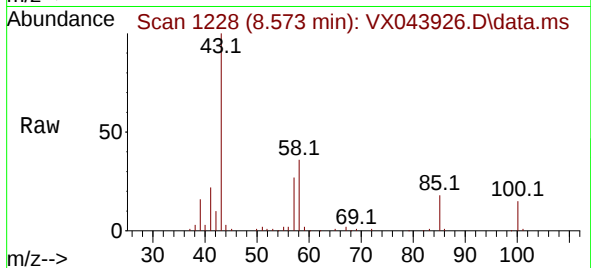
58 35.9 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#52

Toluene

Concen: 5.051 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043926.D

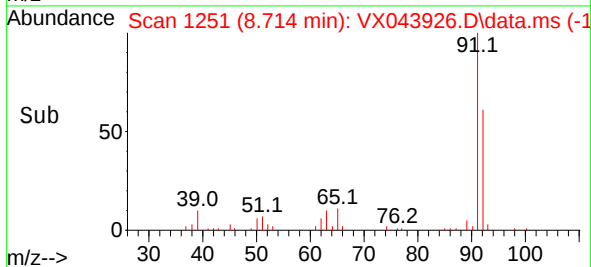
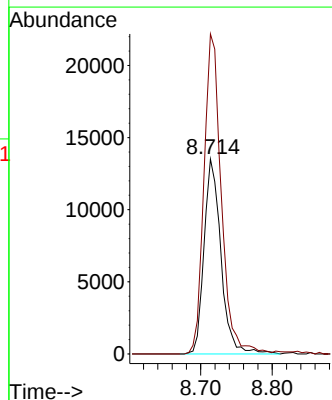
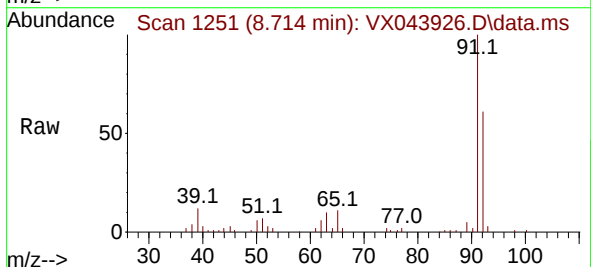
Acq: 21 Nov 2024 10:14

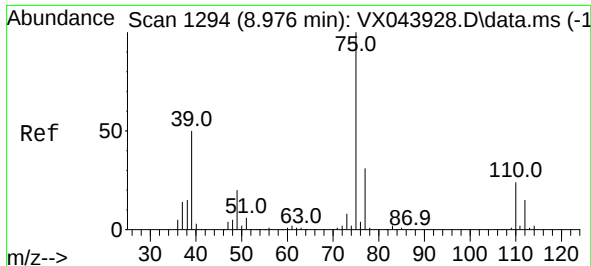
Tgt Ion: 92 Resp: 22218

Ion Ratio Lower Upper

92 100

91 168.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 4.200 ug/l

RT: 8.982 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1093

Ion Ratio Lower Upper

75 100

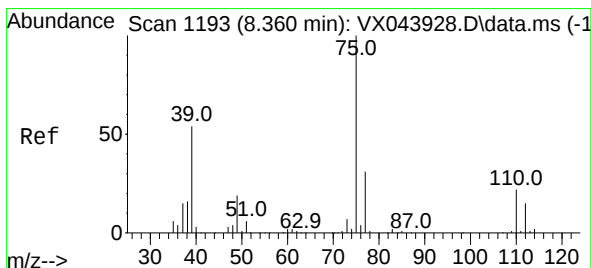
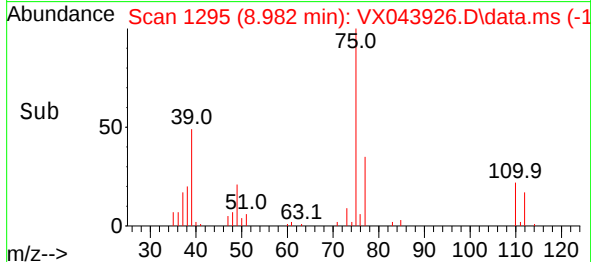
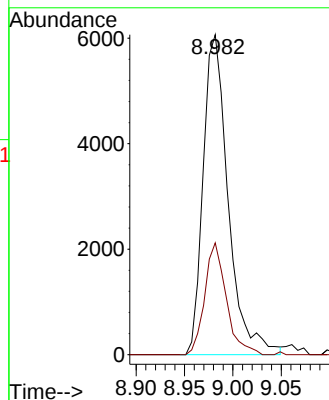
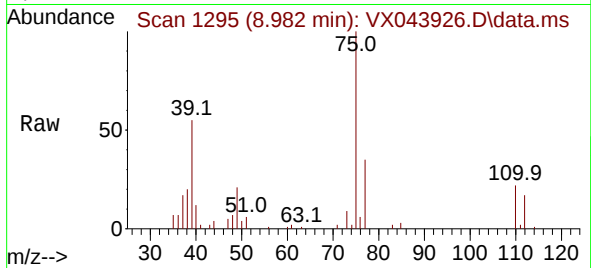
77 35.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#54

cis-1,3-Dichloropropene

Concen: 4.292 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

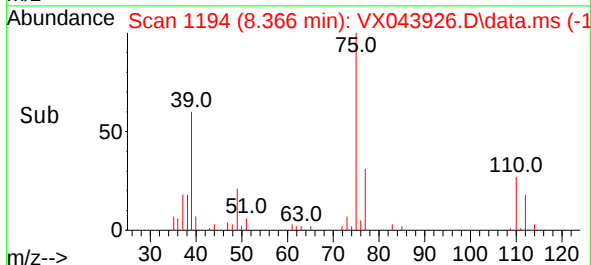
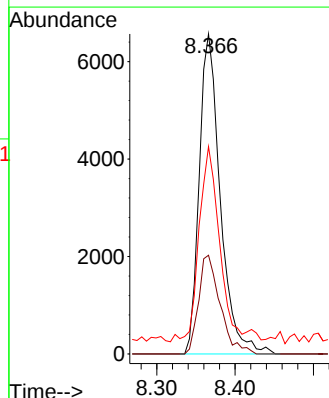
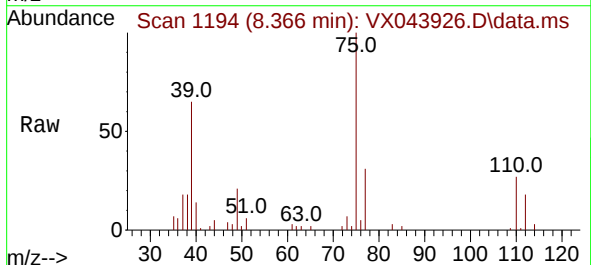
Tgt Ion: 75 Resp: 12253

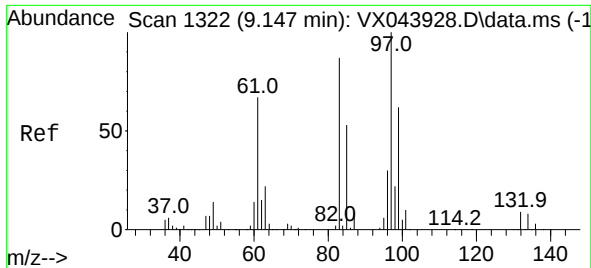
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 60.0 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 4.957 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

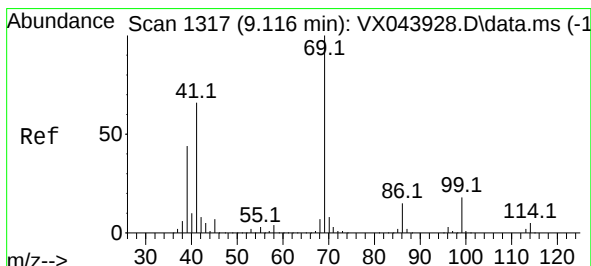
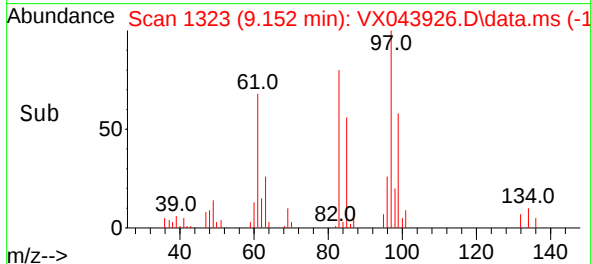
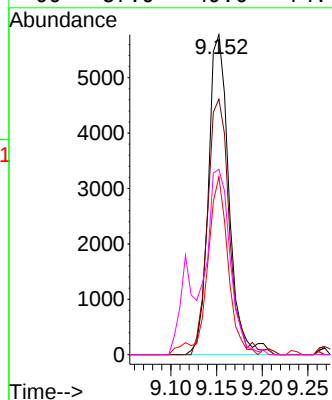
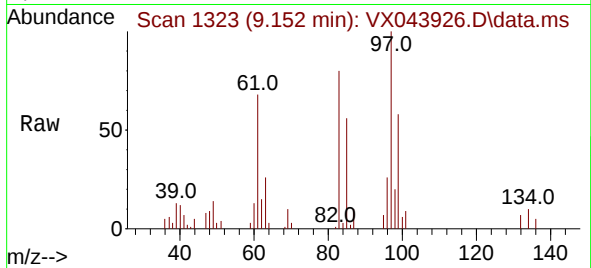
Tgt Ion: 97 Resp: 9000
Ion Ratio Lower Upper
97 100
83 79.8 69.4 104.0
85 55.6 42.3 63.5
99 57.9 49.6 74.4

Manual Integrations

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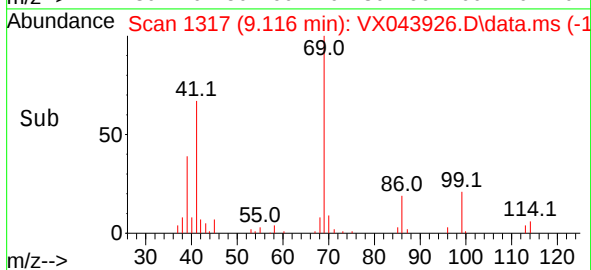
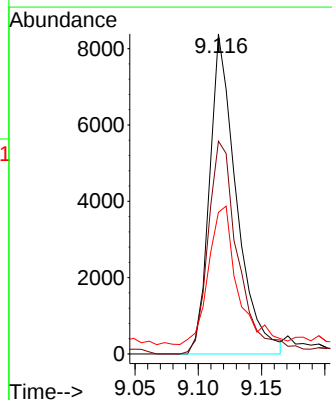
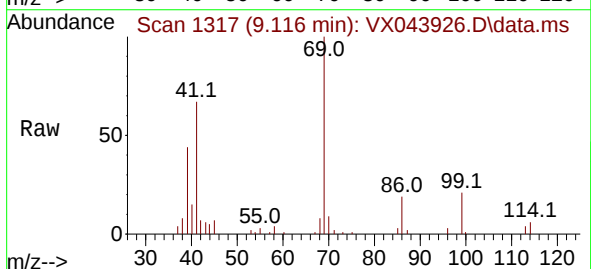
Reviewed By :John Carlone 11/22/2024

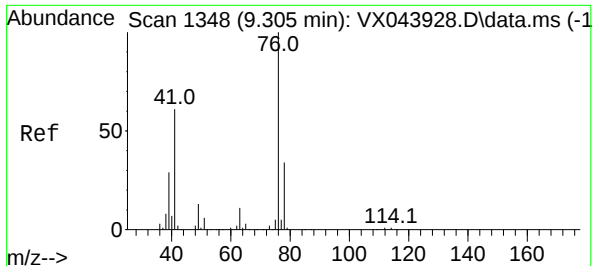
Supervised By :Mahesh Dadoda 11/22/2024



#56
Ethyl methacrylate
Concen: 4.378 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

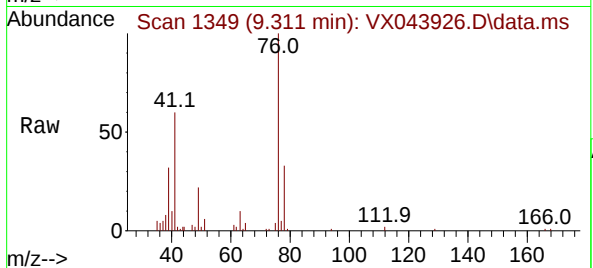
Tgt Ion: 69 Resp: 12381
Ion Ratio Lower Upper
69 100
41 75.0 55.8 83.8
39 46.7 36.7 55.1





#57
1,3-Dichloropropane
Concen: 4.973 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

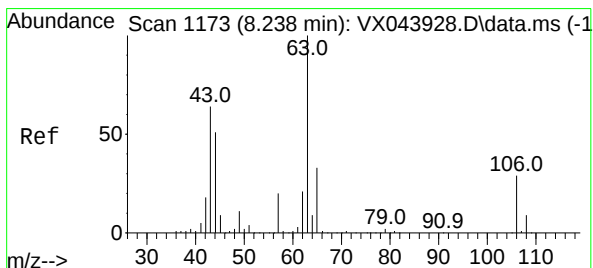
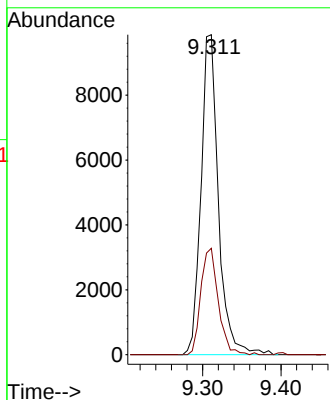
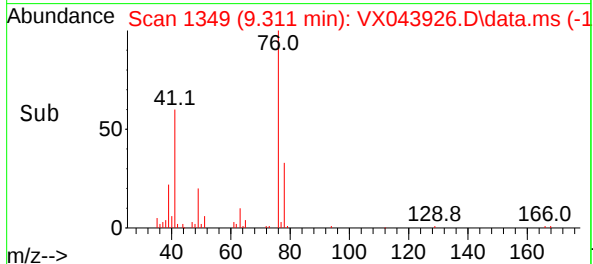
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 1521
Ion Ratio Lower Upper
76 100
78 33.4 26.0 39.0

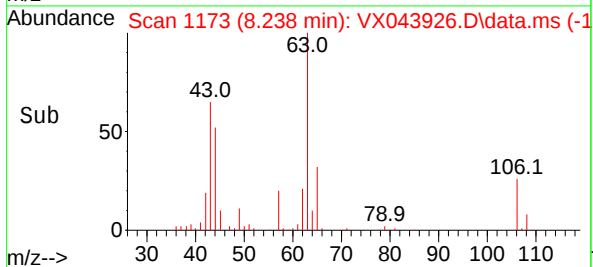
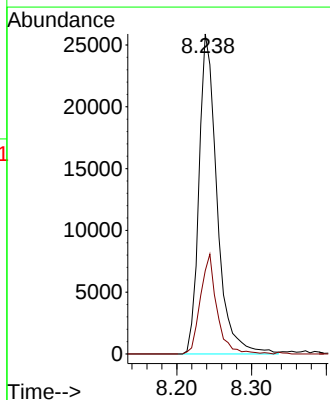
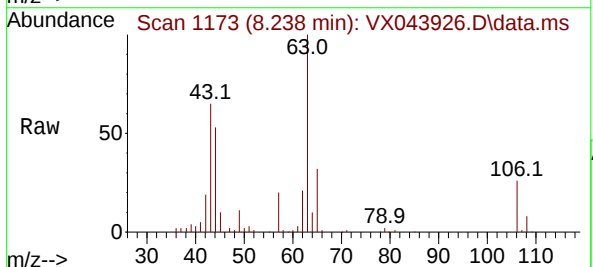
Manual Integrations
APPROVED

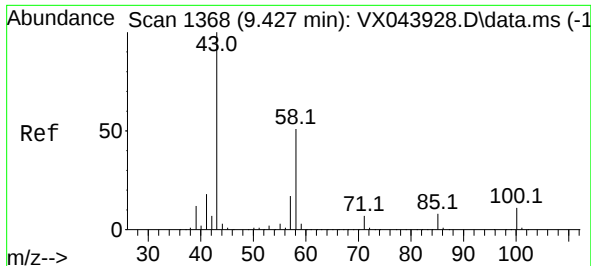
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 27.673 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion: 63 Resp: 43351
Ion Ratio Lower Upper
63 100
106 28.6 23.0 34.6





#59

2-Hexanone

Concen: 24.357 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 52072

Ion Ratio Lower Upper

43 100

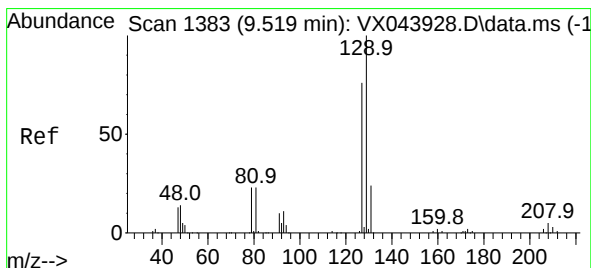
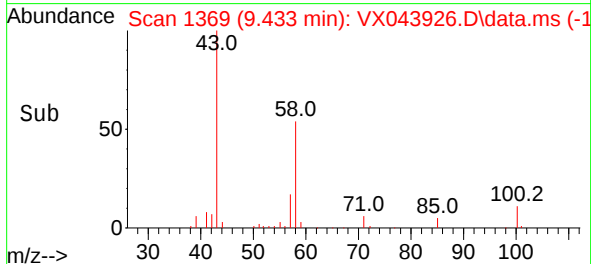
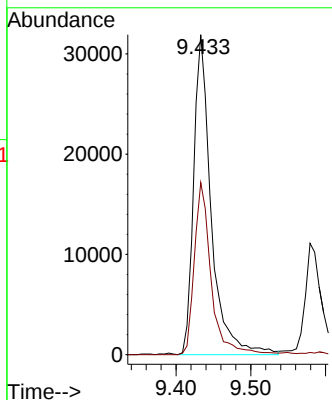
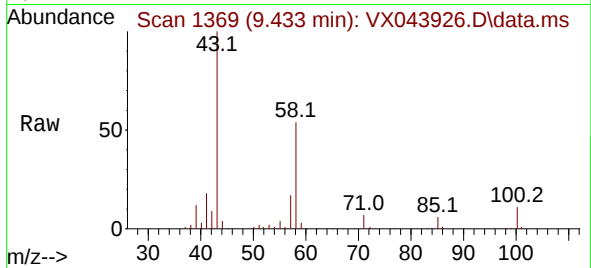
58 51.4 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#60

Dibromochloromethane

Concen: 4.247 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX043926.D

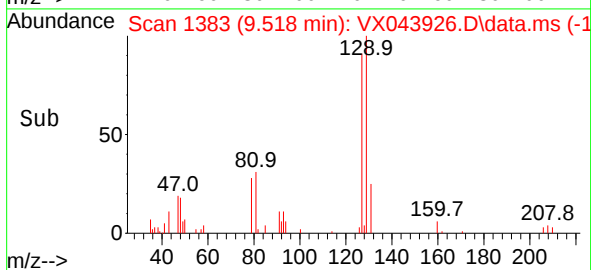
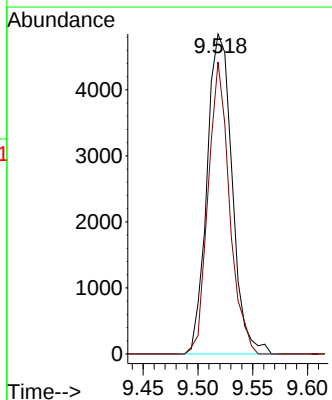
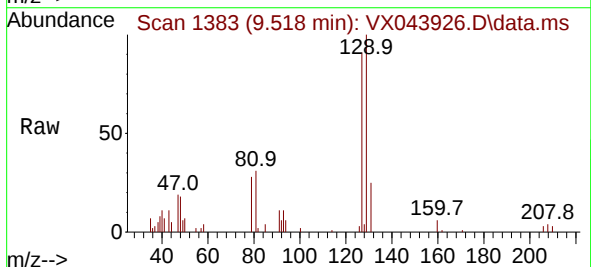
Acq: 21 Nov 2024 10:14

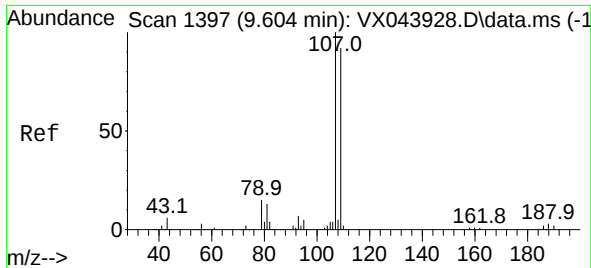
Tgt Ion:129 Resp: 7738

Ion Ratio Lower Upper

129 100

127 77.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 4.894 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

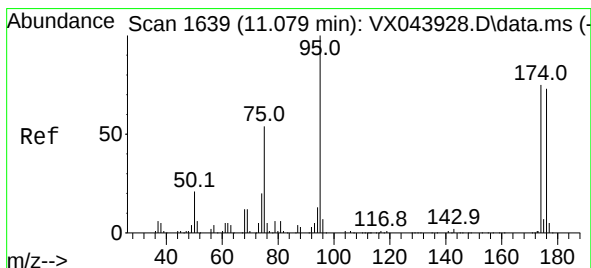
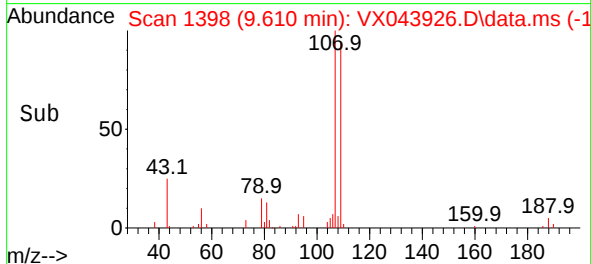
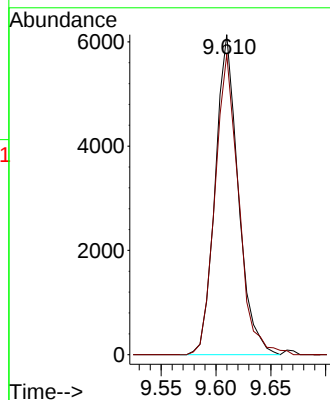
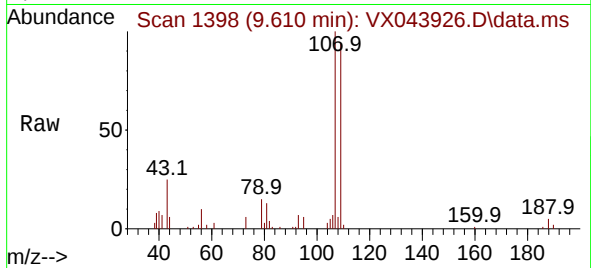
VSTDIC005

Tgt Ion:107 Resp: 898
Ion Ratio Lower Upper
107 100
109 96.2 75.2 112.8

Manual Integrations

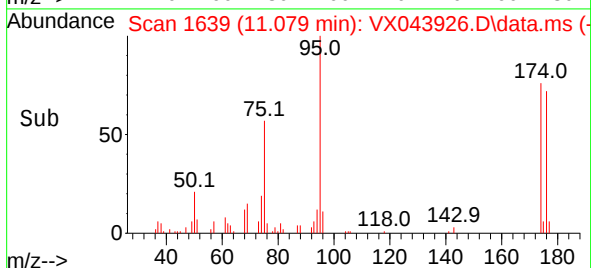
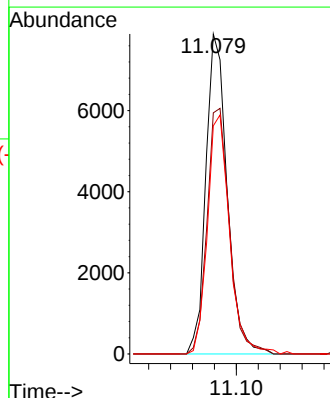
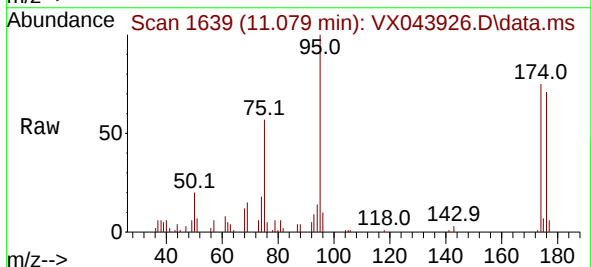
APPROVED

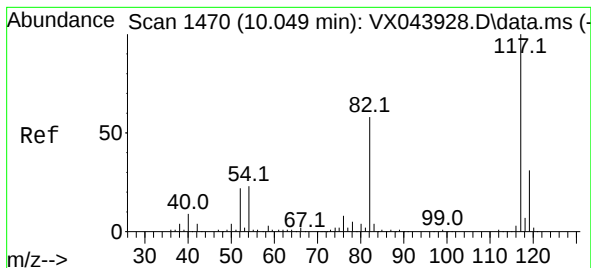
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#62
4-Bromofluorobenzene
Concen: 4.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

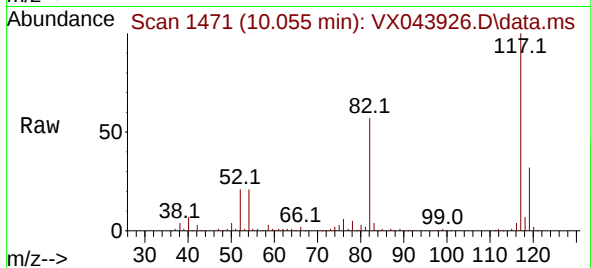
Tgt Ion: 95 Resp: 10618
Ion Ratio Lower Upper
95 100
174 80.9 0.0 150.4
176 77.6 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

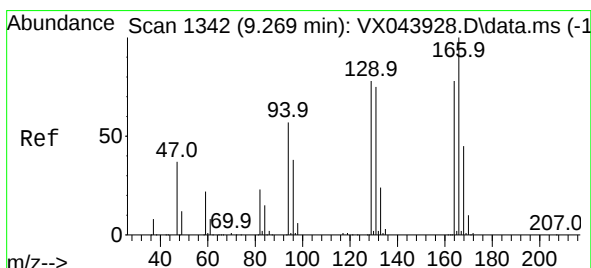
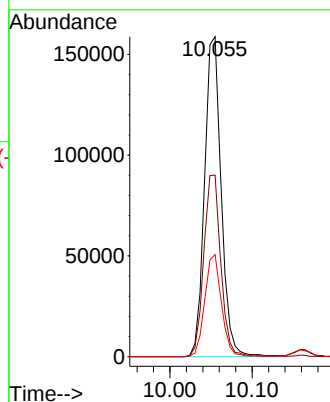
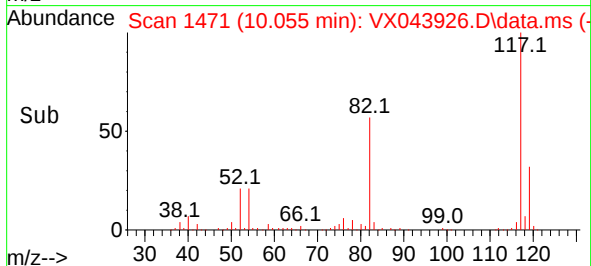
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 223514
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 31.9 24.6 37.0

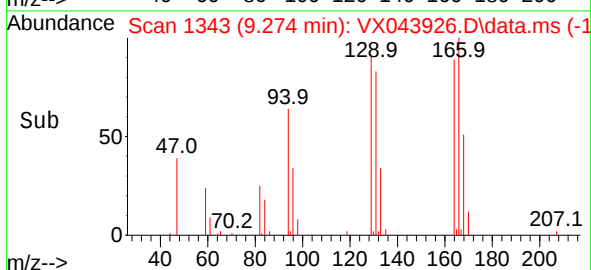
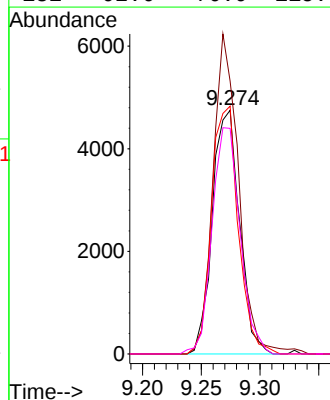
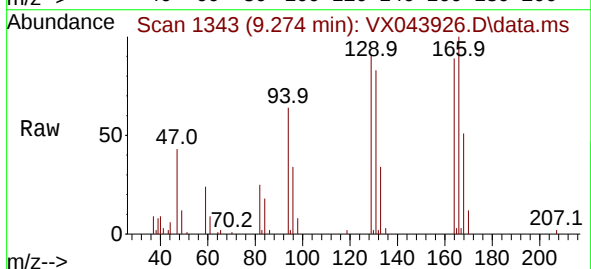
Manual Integrations
APPROVED

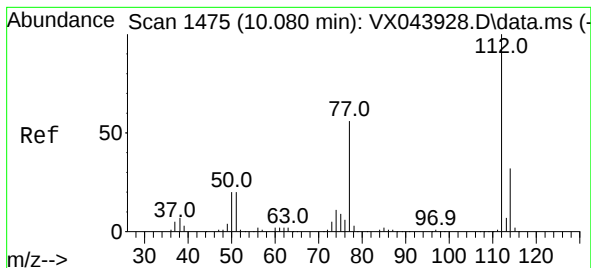
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#64
Tetrachloroethene
Concen: 5.185 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion:164 Resp: 7642
Ion Ratio Lower Upper
164 100
166 111.9 102.1 153.1
129 101.7 79.6 119.4
131 92.6 76.9 115.3





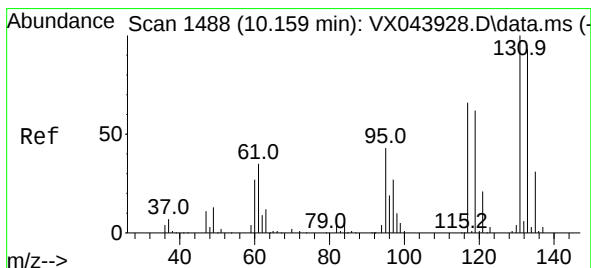
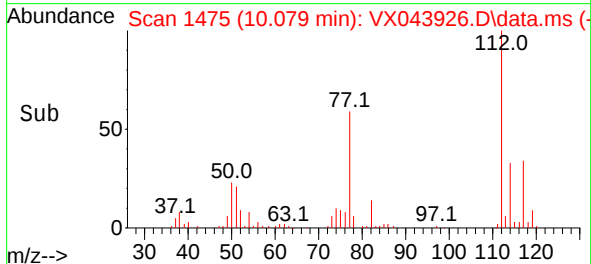
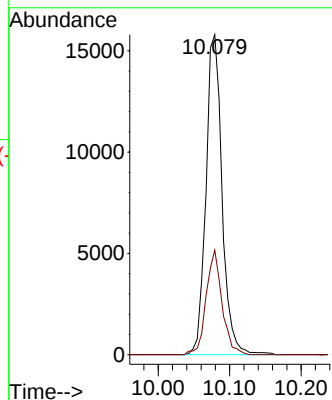
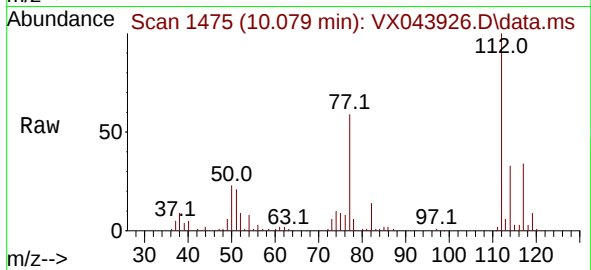
#65
Chlorobenzene
Concen: 5.050 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 24792
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

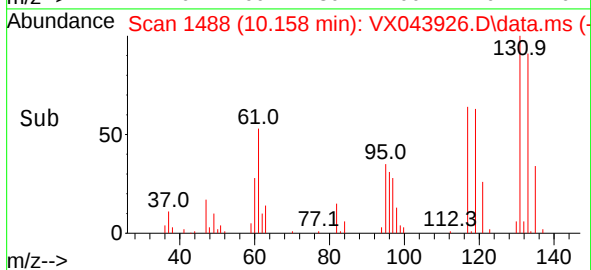
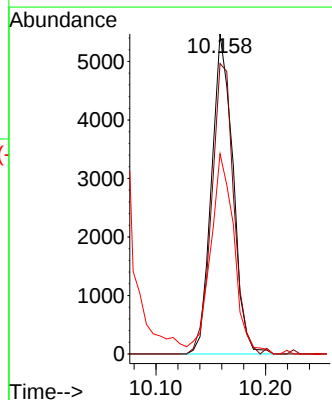
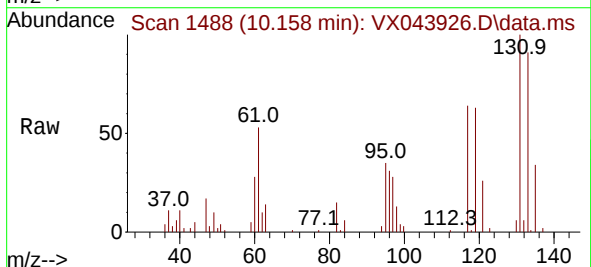
Manual Integrations
APPROVED

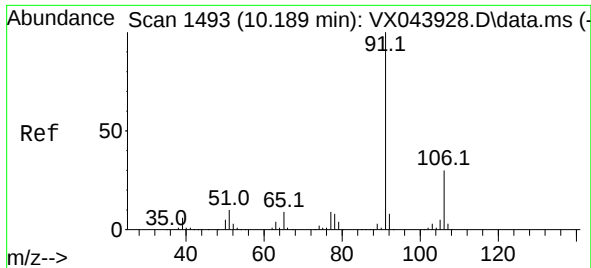
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.661 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

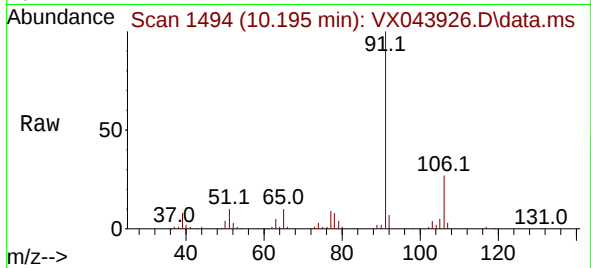
Tgt Ion:131 Resp: 7421
Ion Ratio Lower Upper
131 100
133 94.1 48.2 144.6
119 68.3 31.5 94.5





#67
Ethyl Benzene
Concen: 4.920 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

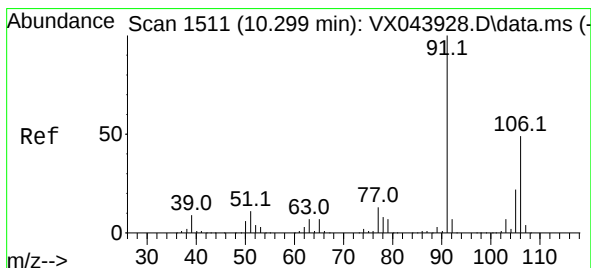
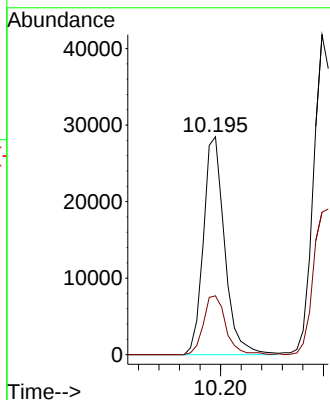
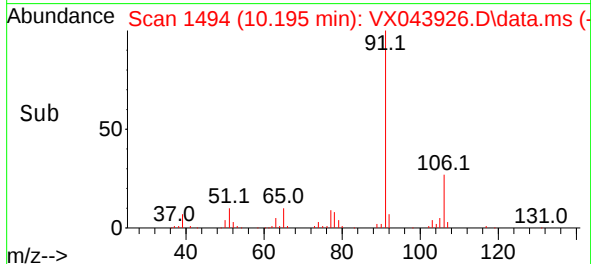
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



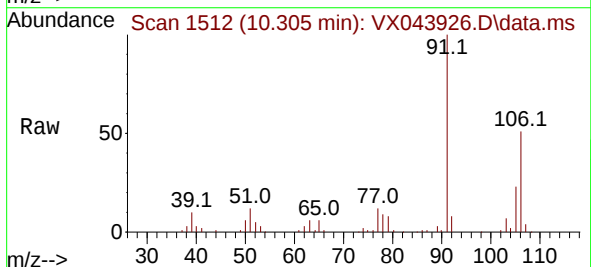
Tgt Ion: 91 Resp: 4092
Ion Ratio Lower Upper
91 100
106 27.0 23.6 35.4

Manual Integrations
APPROVED

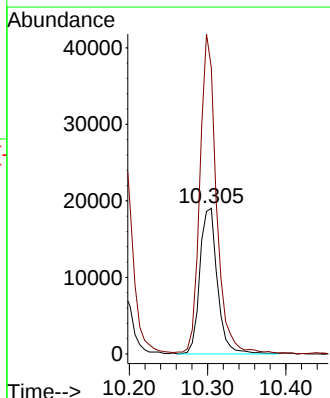
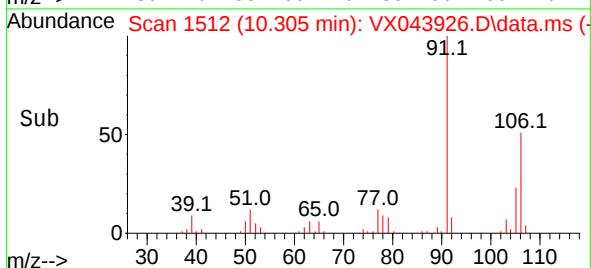
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

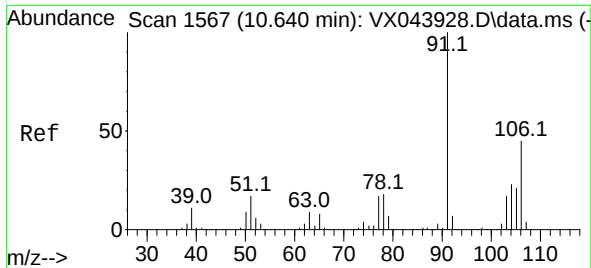


#68
m/p-Xylenes
Concen: 9.553 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14



Tgt Ion:106 Resp: 29635
Ion Ratio Lower Upper
106 100
91 208.0 168.1 252.1





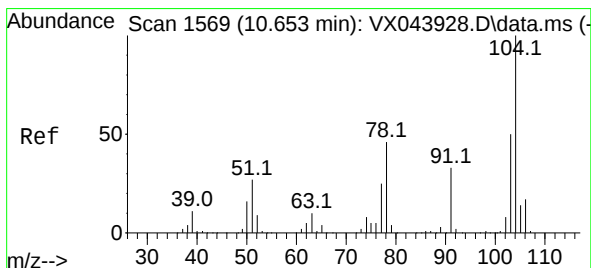
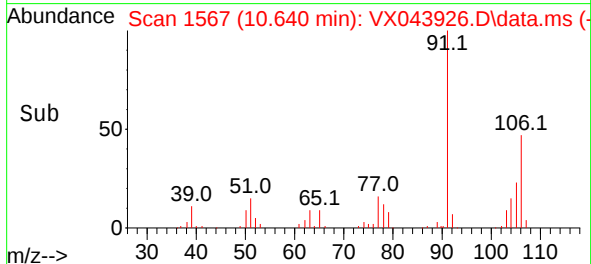
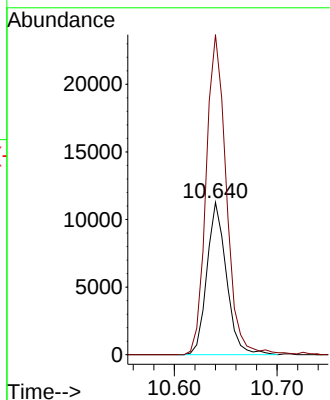
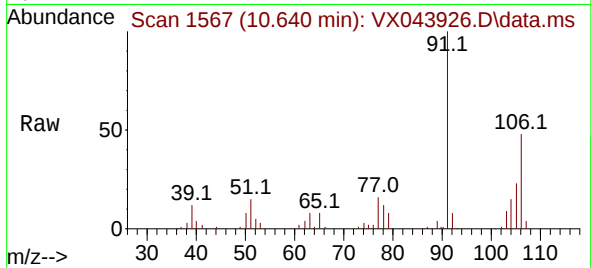
#69
o-Xylene
Concen: 4.905 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 14850
Ion Ratio Lower Upper
106 100
91 217.8 110.2 330.6

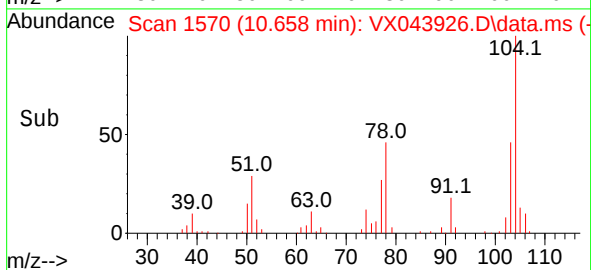
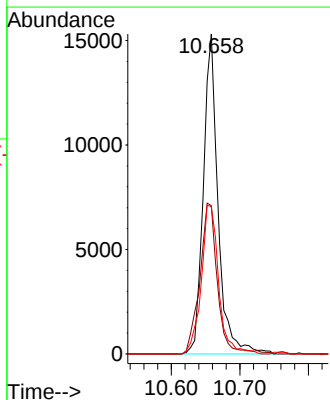
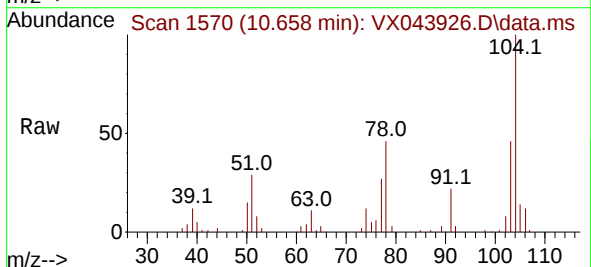
Manual Integrations
APPROVED

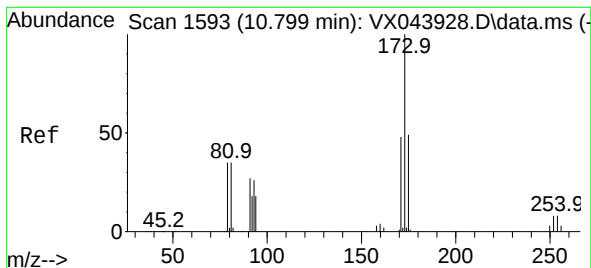
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#70
Styrene
Concen: 4.573 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion:104 Resp: 22907
Ion Ratio Lower Upper
104 100
78 56.4 42.2 63.2
103 54.8 44.7 67.1





#71

Bromoform

Concen: 5.004 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

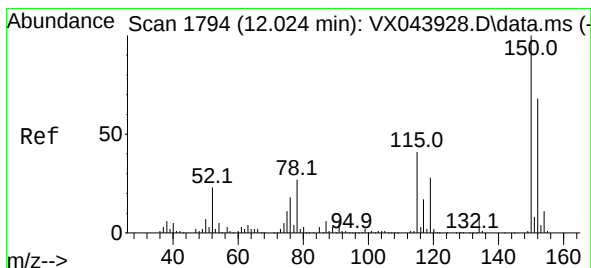
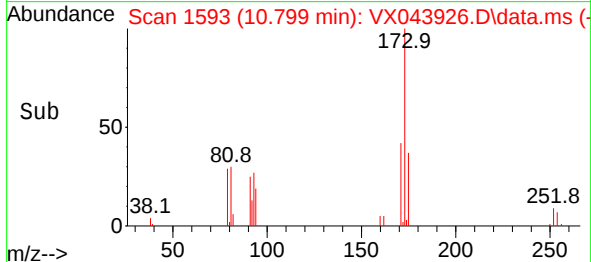
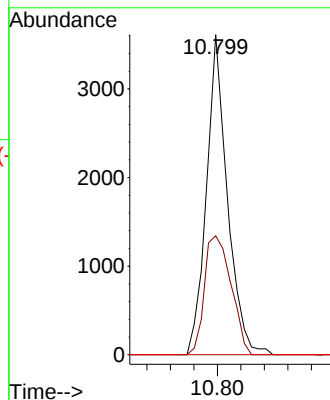
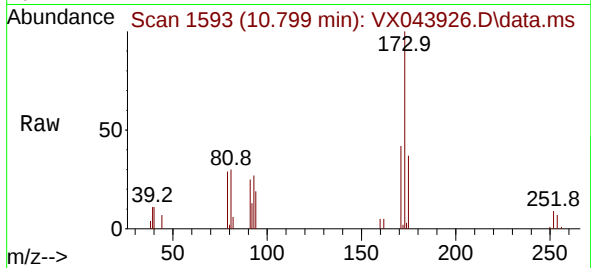
Tgt Ion:173 Resp: 4470
 Ion Ratio Lower Upper
 173 100
 175 47.1 24.1 72.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

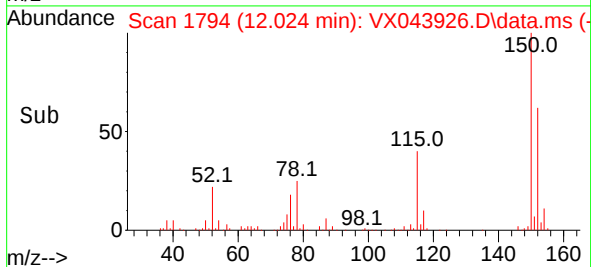
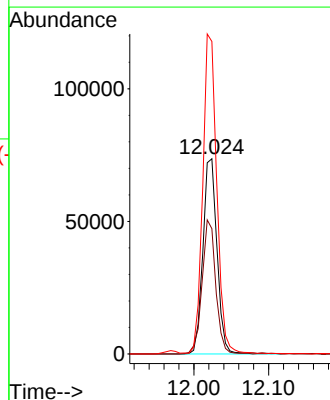
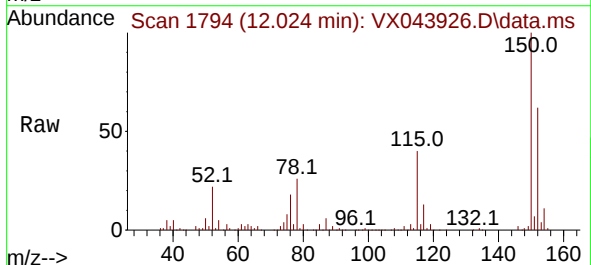
RT: 12.024 min Scan# 1794

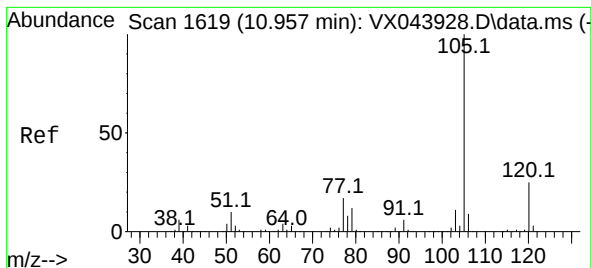
Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion:152 Resp: 96662
 Ion Ratio Lower Upper
 152 100
 115 66.4 45.4 136.2
 150 162.1 0.0 353.0





#73

Isopropylbenzene

Concen: 5.109 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 3795

Ion Ratio Lower Upper

105 100

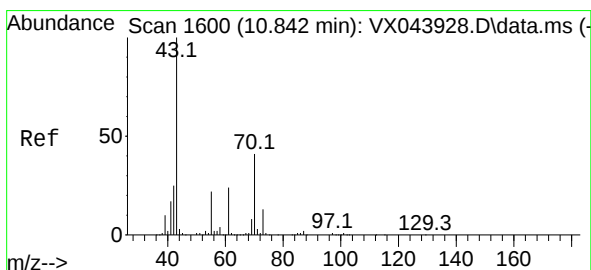
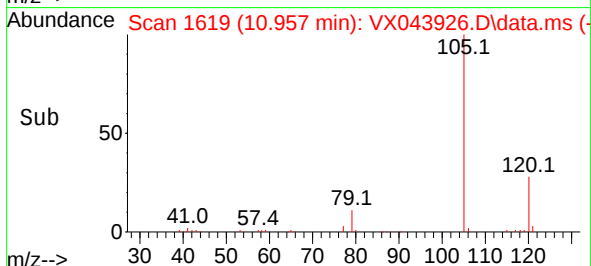
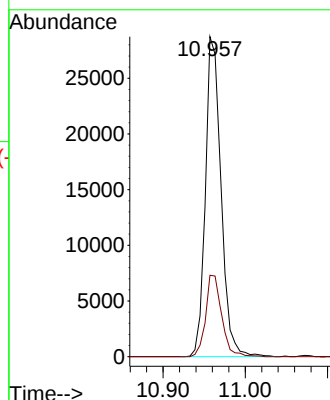
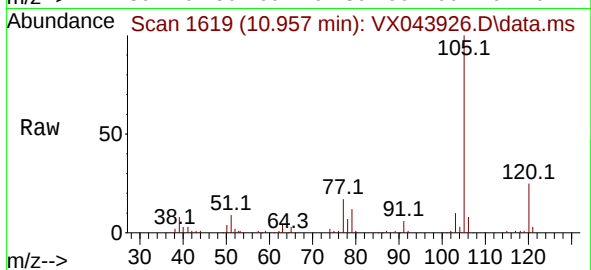
120 26.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

N-ethyl acetate

Concen: 4.627 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion: 43 Resp: 15928

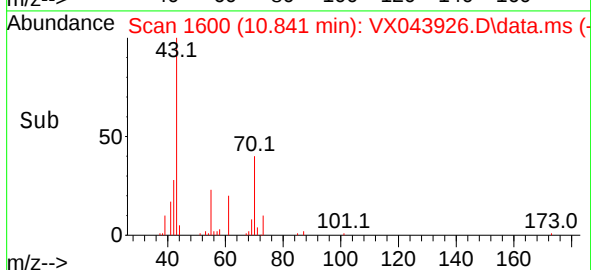
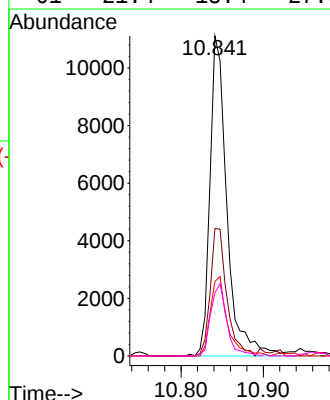
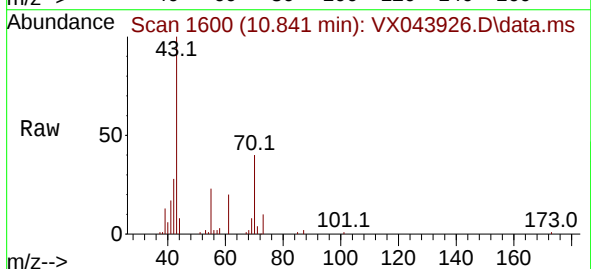
Ion Ratio Lower Upper

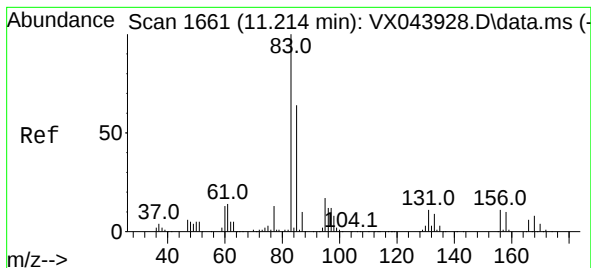
43 100

70 38.5 32.2 48.2

55 24.8 18.1 27.1

61 21.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.152 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

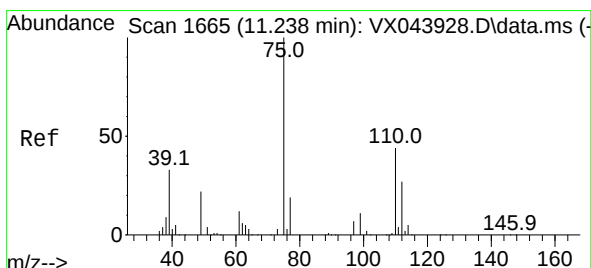
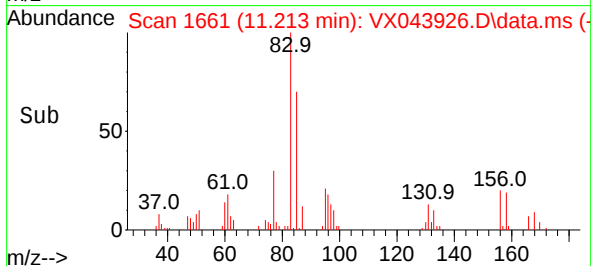
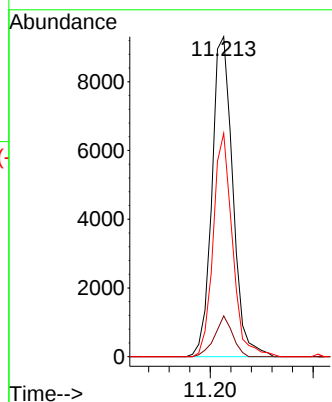
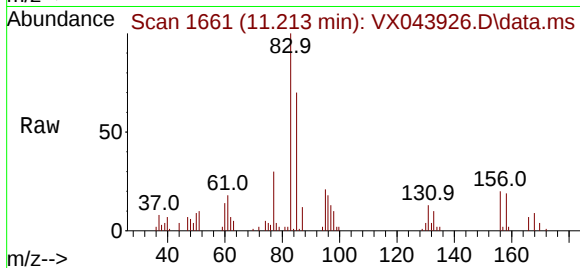
Tgt Ion:	83	Resp:	1310
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.2
85	64.3	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#76

1,2,3-Trichloropropane

Concen: 5.776 ug/l m

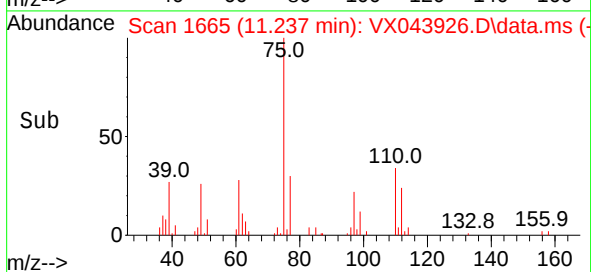
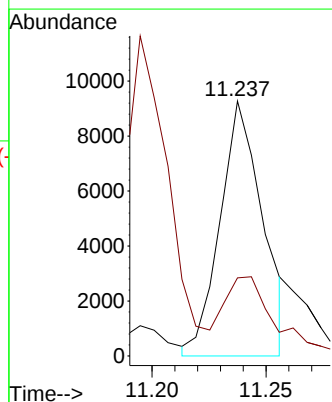
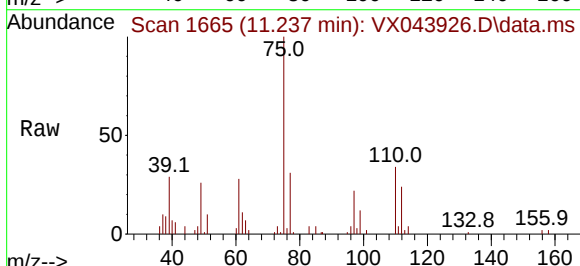
RT: 11.237 min Scan# 1665

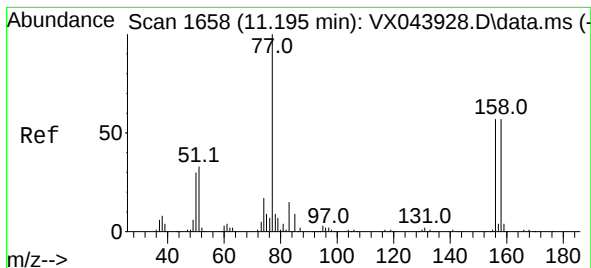
Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion:	75	Resp:	12040
Ion Ratio	Lower	Upper	
75	100		
77	37.4	21.8	65.3





#77

Bromobenzene

Concen: 5.224 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

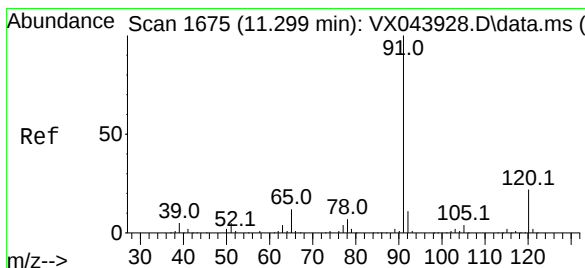
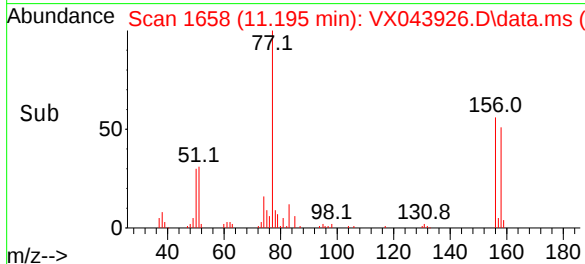
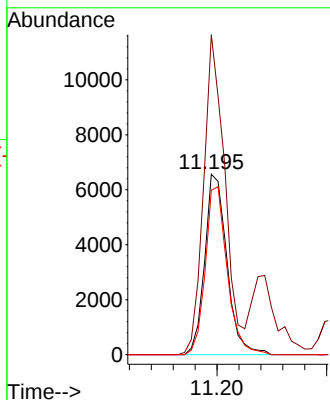
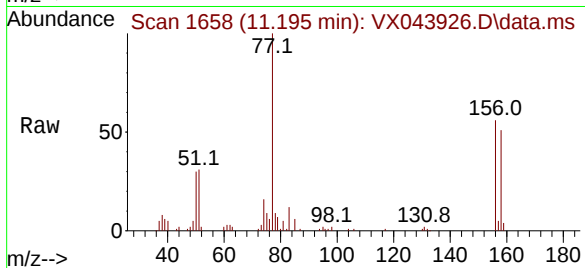
Tgt Ion:156 Resp: 925
 Ion Ratio Lower Upper
 156 100
 77 169.5 83.4 250.1
 158 91.6 47.6 142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#78

n-propylbenzene

Concen: 4.793 ug/l

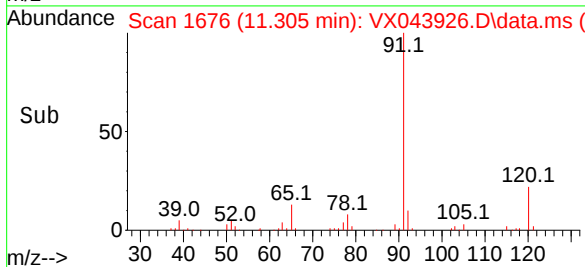
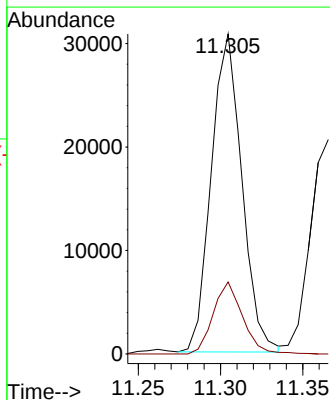
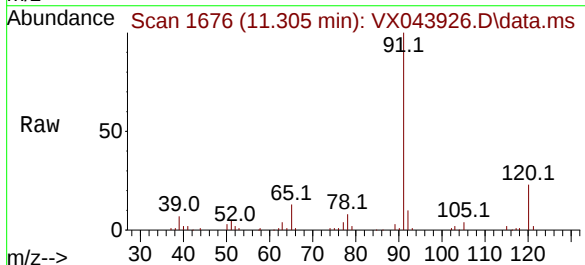
RT: 11.305 min Scan# 1676

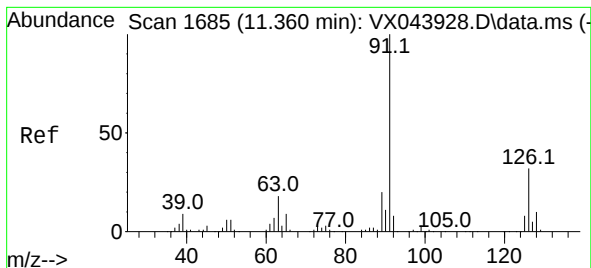
Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion: 91 Resp: 39774
 Ion Ratio Lower Upper
 91 100
 120 21.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.096 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 26740

Ion Ratio Lower Upper

91 100

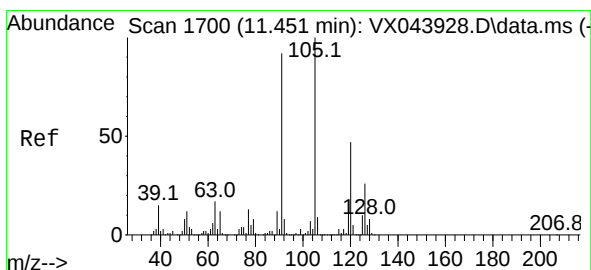
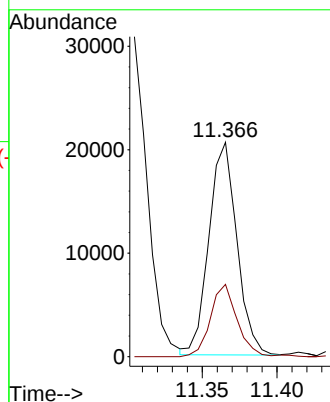
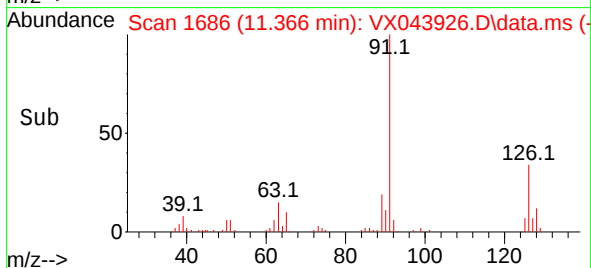
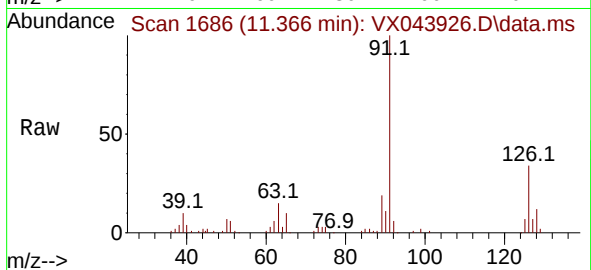
126 32.7 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#80

1,3,5-Trimethylbenzene

Concen: 4.926 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043926.D

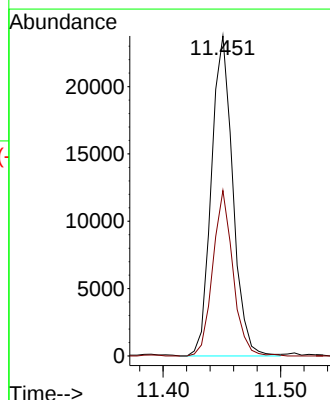
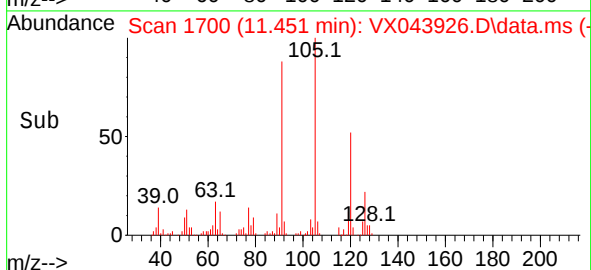
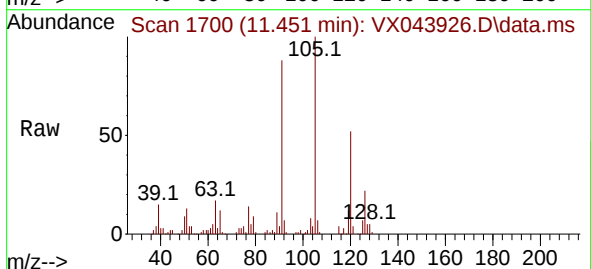
Acq: 21 Nov 2024 10:14

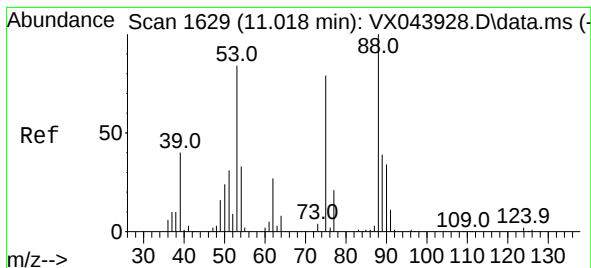
Tgt Ion:105 Resp: 30114

Ion Ratio Lower Upper

105 100

120 48.6 23.3 69.8





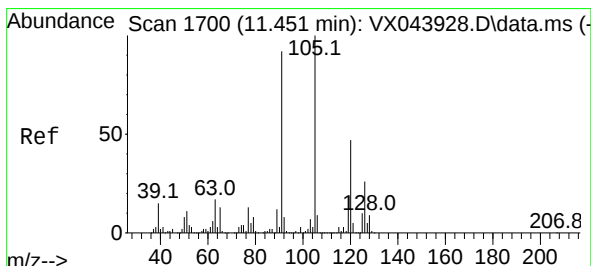
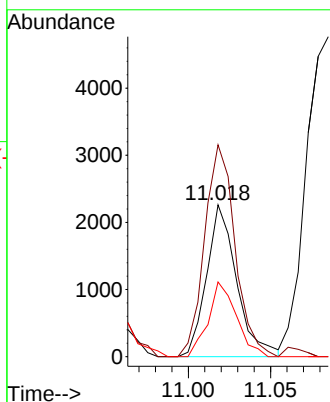
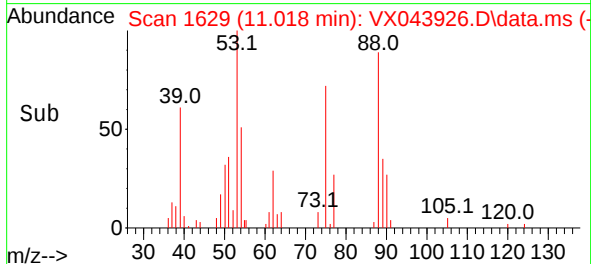
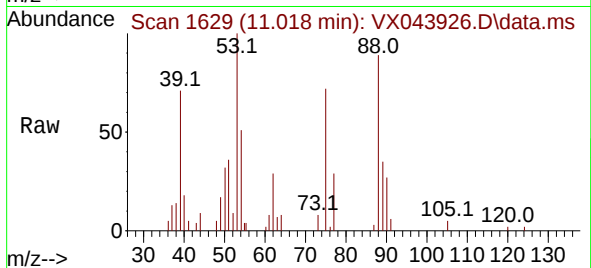
#81
trans-1,4-Dichloro-2-butene
Concen: 3.707 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2880
Ion Ratio Lower Upper
75 100
53 141.1 86.7 130.1
89 45.9 38.2 57.2

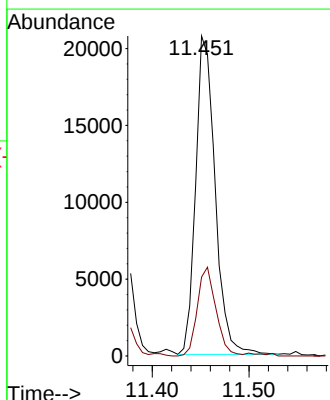
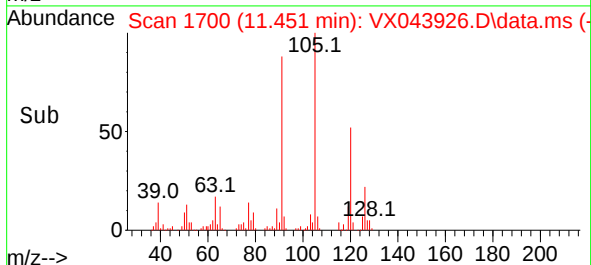
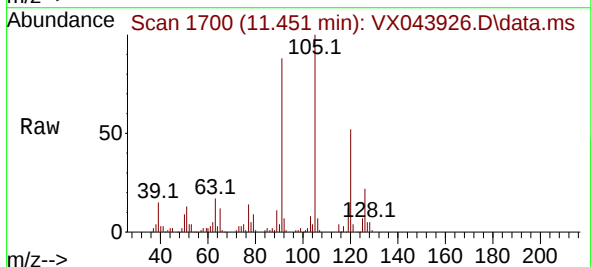
Manual Integrations
APPROVED

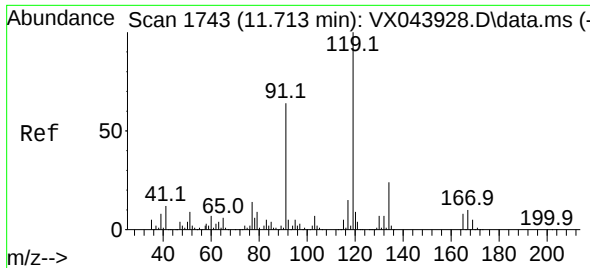
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
4-Chlorotoluene
Concen: 4.903 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion: 91 Resp: 29049
Ion Ratio Lower Upper
91 100
126 26.7 14.3 42.9





#83

tert-Butylbenzene

Concen: 4.940 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

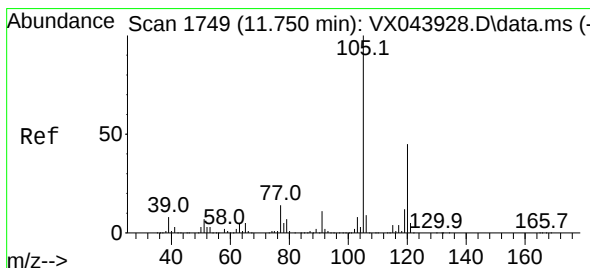
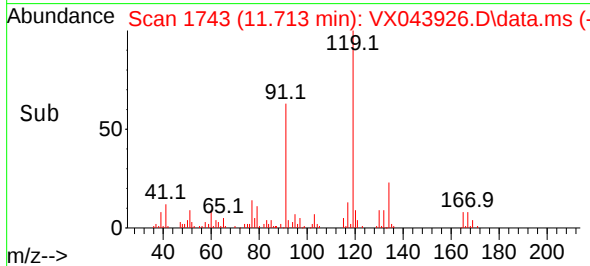
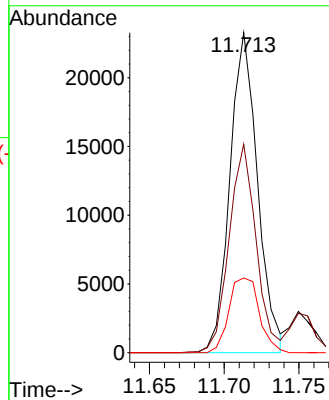
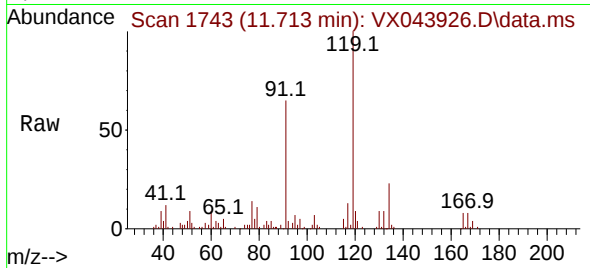
Tgt Ion:	119	Resp:	2993
Ion Ratio	Lower	Upper	
119	100		
91	63.8	31.0	93.0
134	25.6	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.040 ug/l

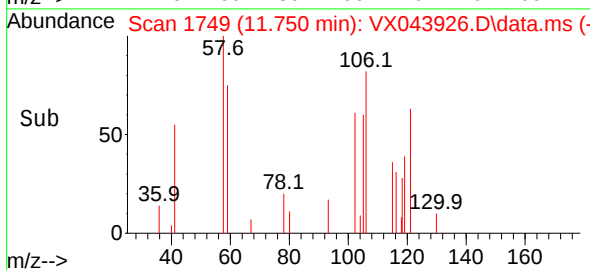
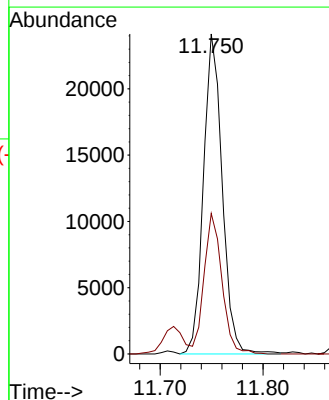
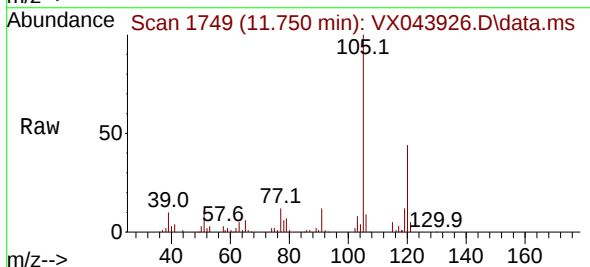
RT: 11.750 min Scan# 1749

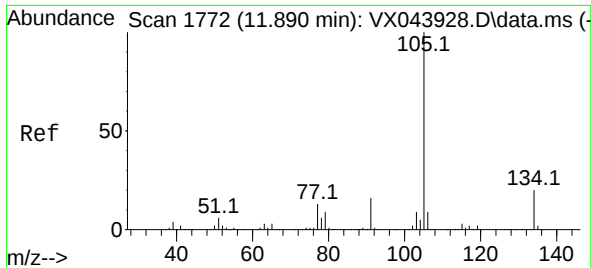
Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion:	105	Resp:	30674
Ion Ratio	Lower	Upper	
105	100		
120	41.6	21.9	65.7





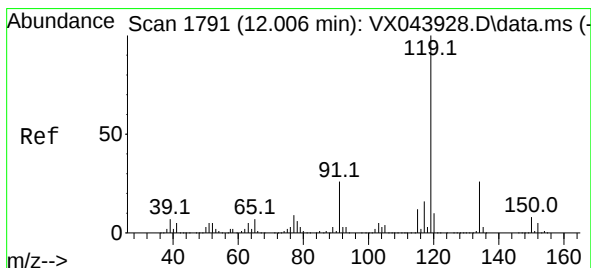
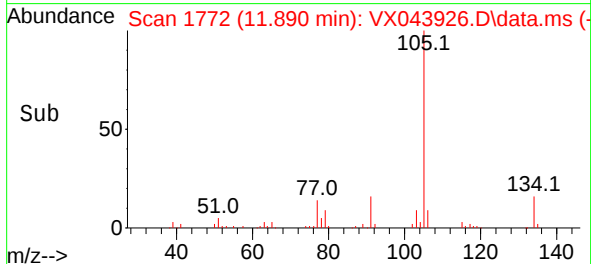
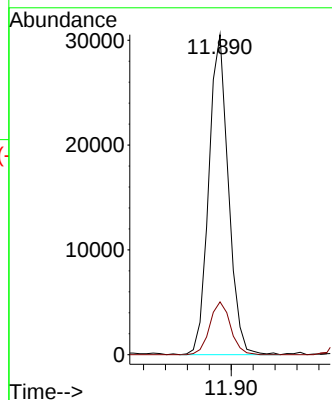
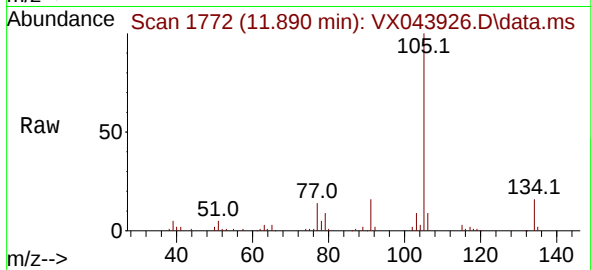
#85
sec-Butylbenzene
Concen: 5.105 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 3789
Ion Ratio Lower Upper
105 100
134 17.5 9.7 29.1

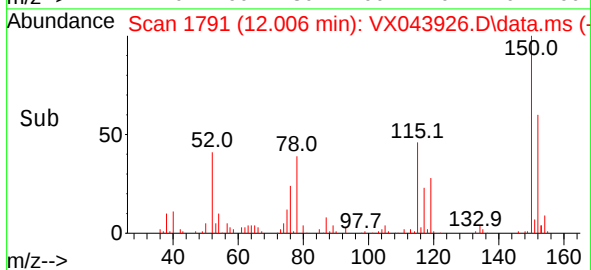
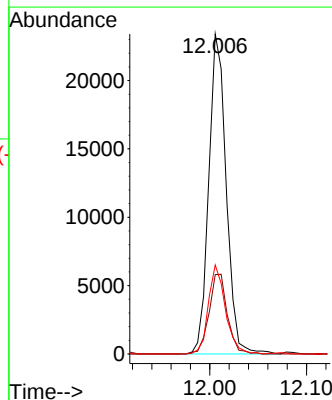
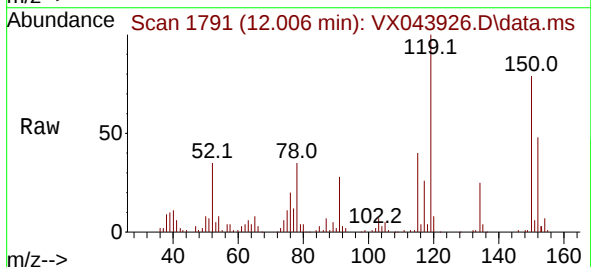
Manual Integrations
APPROVED

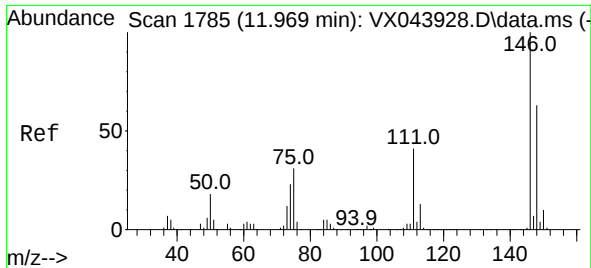
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#86
p-Isopropyltoluene
Concen: 4.878 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion:119 Resp: 29412
Ion Ratio Lower Upper
119 100
134 26.2 13.0 38.9
91 27.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 4.959 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

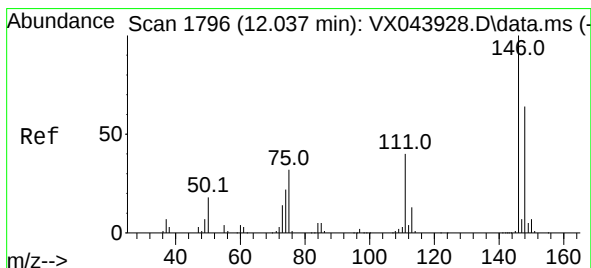
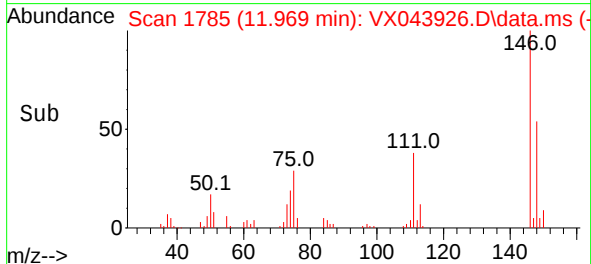
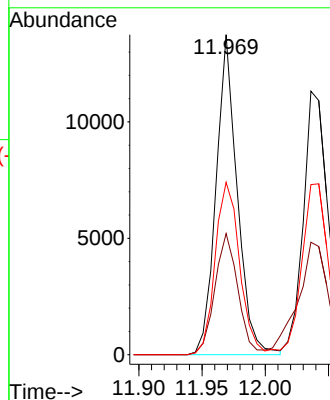
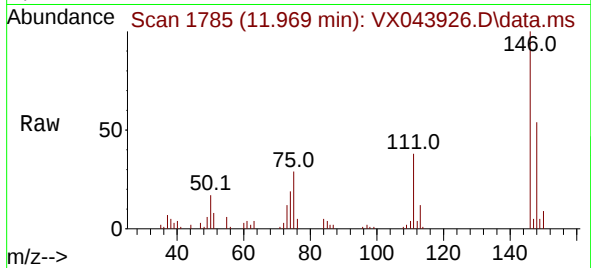
Tgt Ion:146 Resp: 16008
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.3
 148 62.9 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#88

1,4-Dichlorobenzene

Concen: 4.831 ug/l

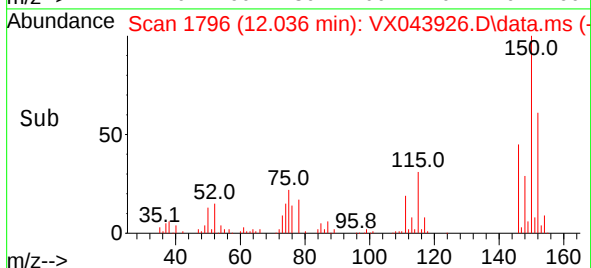
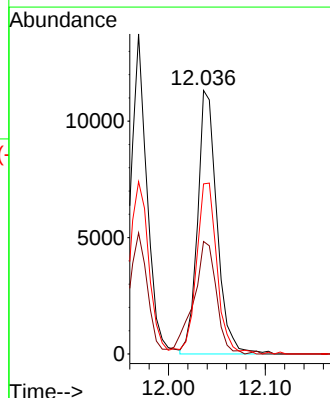
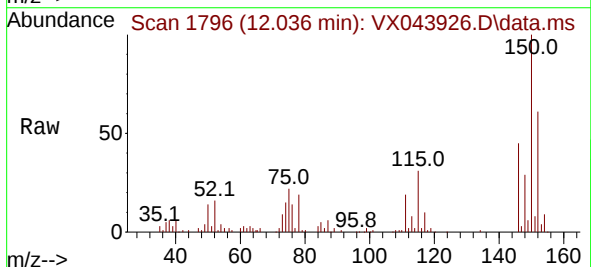
RT: 12.036 min Scan# 1796

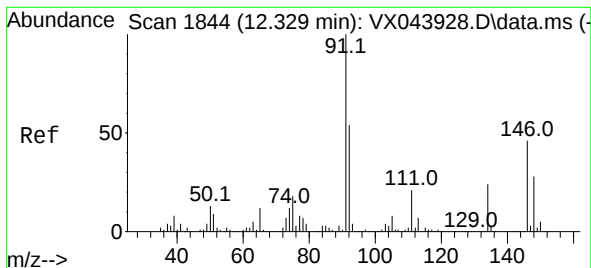
Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion:146 Resp: 15837
 Ion Ratio Lower Upper
 146 100
 111 50.2 20.1 60.3
 148 67.9 30.9 92.8





#89

n-Butylbenzene

Concen: 4.691 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 2493

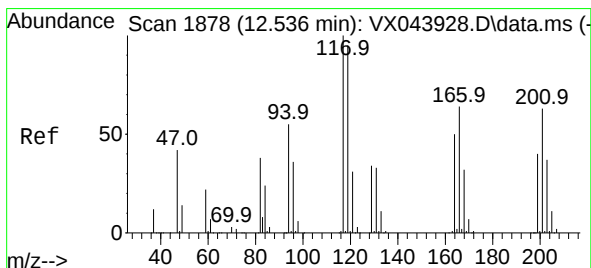
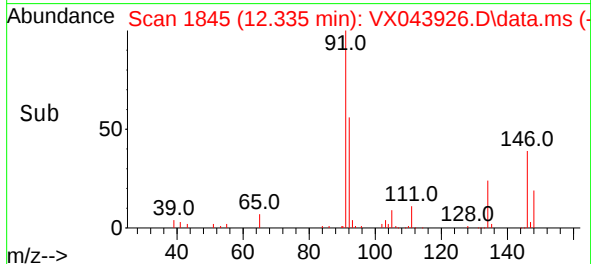
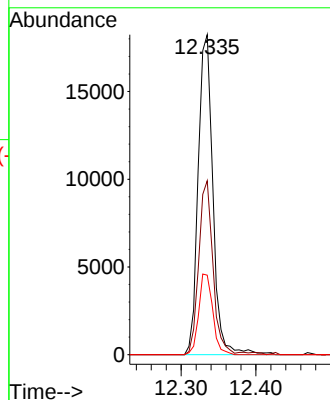
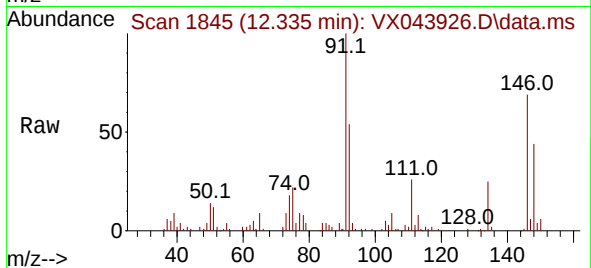
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.8
134	23.9	12.4	37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#90

Hexachloroethane

Concen: 4.173 ug/l

RT: 12.536 min Scan# 1878

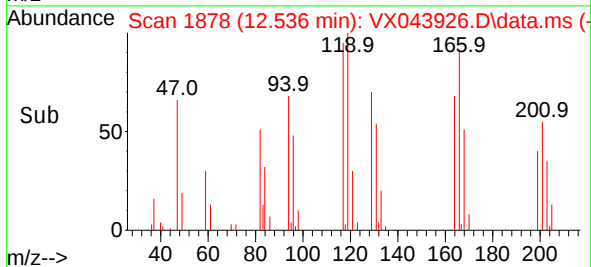
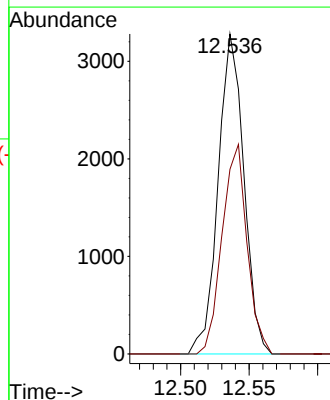
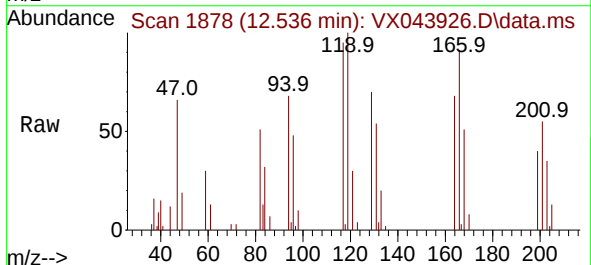
Delta R.T. -0.000 min

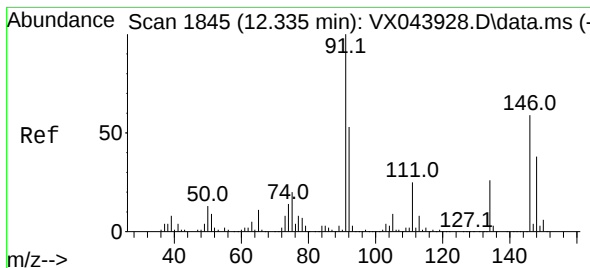
Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion:117 Resp: 4279

Ion	Ratio	Lower	Upper
117	100		
201	63.6	32.4	97.0





#91

1,2-Dichlorobenzene

Concen: 5.140 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

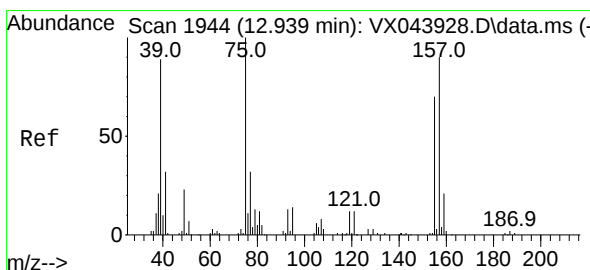
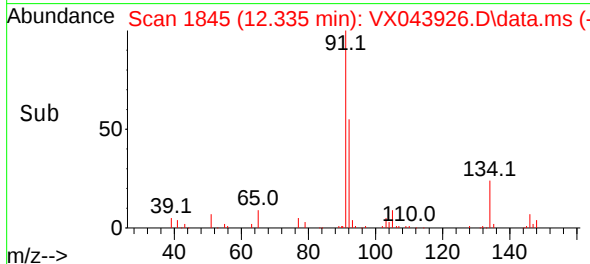
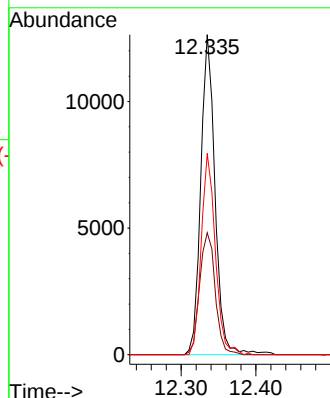
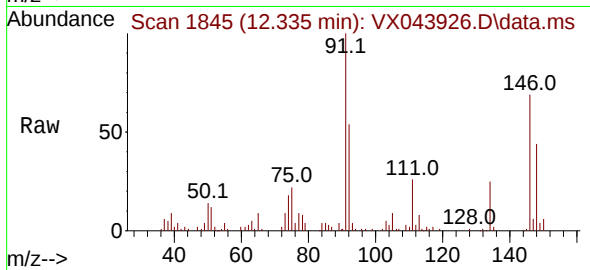
Tgt Ion:146 Resp: 1674
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.5 64.5
 148 62.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.814 ug/l

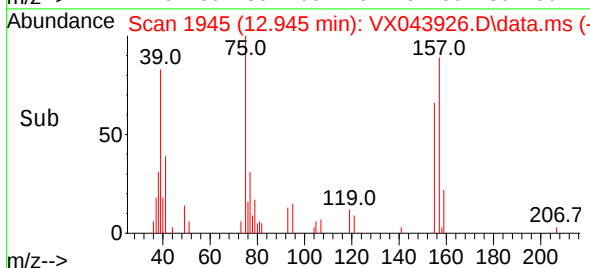
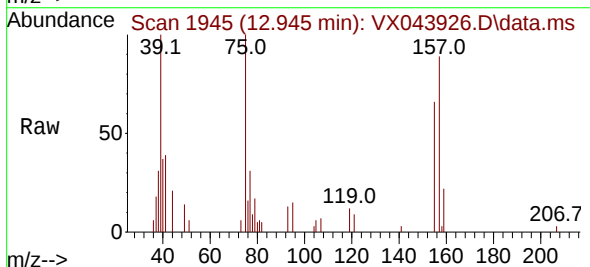
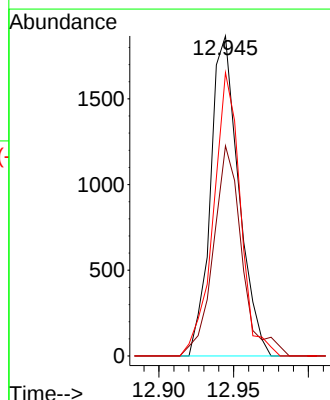
RT: 12.945 min Scan# 1945

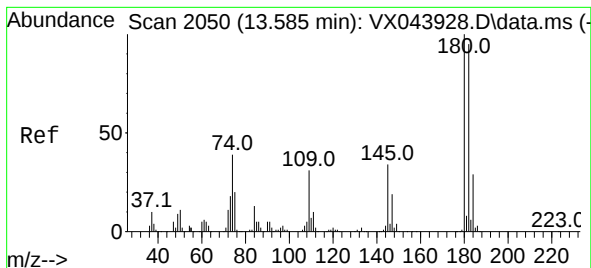
Delta R.T. 0.006 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion: 75 Resp: 2454
 Ion Ratio Lower Upper
 75 100
 155 66.2 40.1 120.2
 157 84.5 49.6 149.0





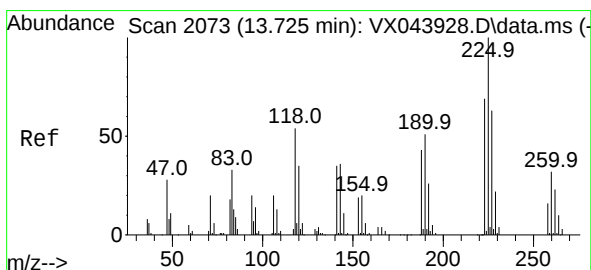
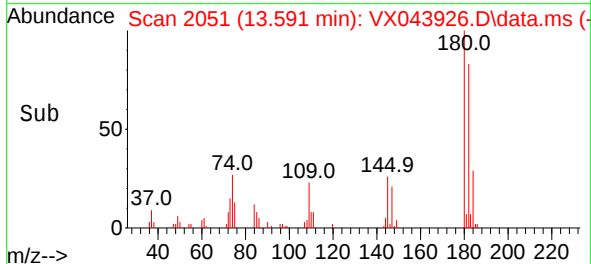
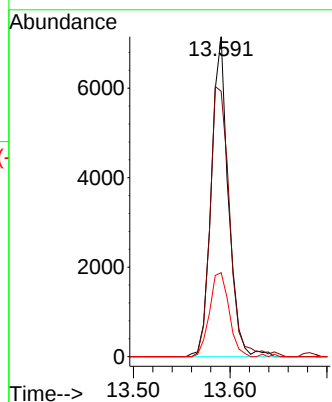
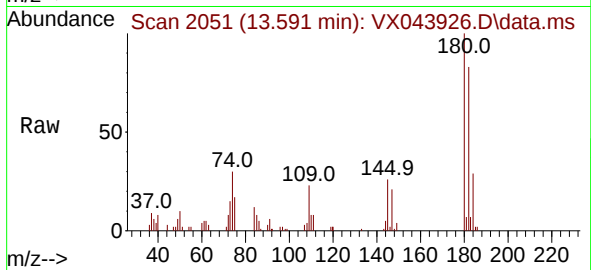
#93
1,2,4-Trichlorobenzene
Concen: 4.553 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 8740
Ion Ratio Lower Upper
180 100
182 96.9 48.0 144.2
145 30.0 16.8 50.4

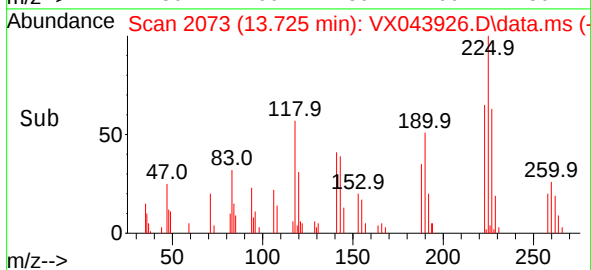
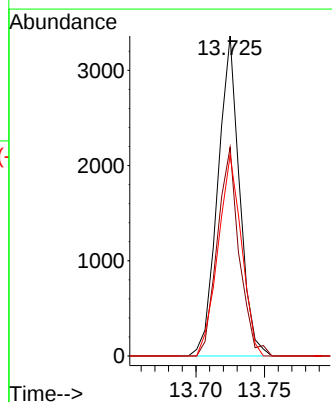
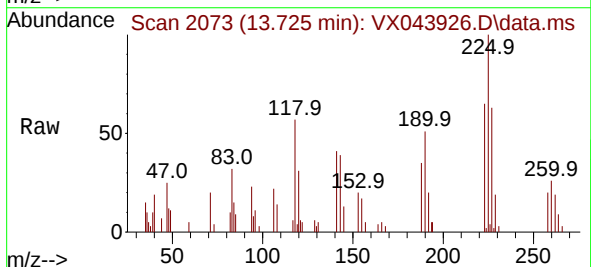
Manual Integrations
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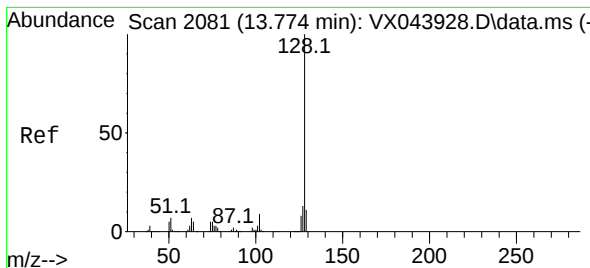
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#94
Hexachlorobutadiene
Concen: 4.891 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX043926.D
Acq: 21 Nov 2024 10:14

Tgt Ion:225 Resp: 3713
Ion Ratio Lower Upper
225 100
223 65.4 32.9 98.6
227 67.5 31.6 94.8





#95

Naphthalene

Concen: 4.698 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

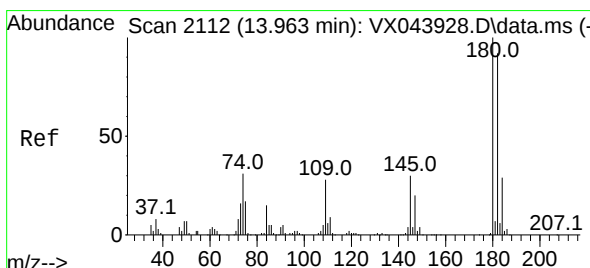
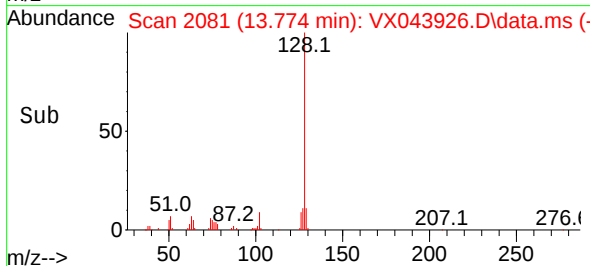
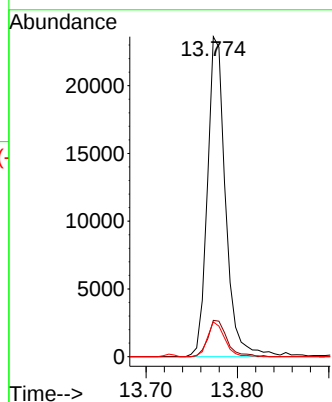
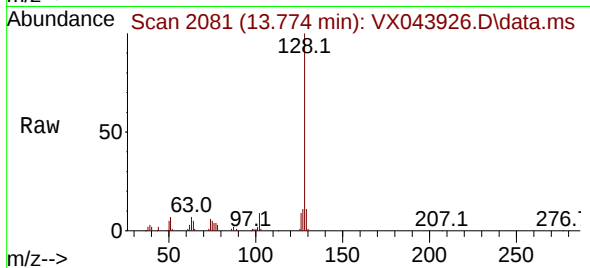
Tgt Ion:	128	Resp:	3248
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.2	15.2
129	10.4	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.773 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043926.D

Acq: 21 Nov 2024 10:14

Tgt Ion:	180	Resp:	9280
Ion Ratio	Lower	Upper	
180	100		
182	86.7	45.6	136.8
145	32.7	16.4	49.4

