

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041526.D
 Acq On : 14 May 2024 17:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 01:58:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131529	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	184387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86654	60.518	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 121.040%#			
35) Dibromofluoromethane	5.385	113	70991	56.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.620%			
50) Toluene-d8	8.647	98	243114	61.472	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 122.940%#			
62) 4-Bromofluorobenzene	11.079	95	96301	62.902	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 125.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	59657	55.198	ug/l	96
3) Chloromethane	1.301	50	55161	49.323	ug/l	98
4) Vinyl Chloride	1.374	62	59502	55.812	ug/l	98
5) Bromomethane	1.599	94	45362	67.872	ug/l	100
6) Chloroethane	1.666	64	37570	75.898	ug/l	93
7) Trichlorofluoromethane	1.867	101	117465	63.896	ug/l	99
8) Diethyl Ether	2.136	74	42663	65.841	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	63091	61.061	ug/l	88
10) Methyl Iodide	2.441	142	75604	67.986	ug/l	92
11) Tert butyl alcohol	3.008	59	81257	283.527	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	58837	57.726	ug/l	89
13) Acrolein	2.239	56	83941	369.198	ug/l	100
14) Allyl chloride	2.660	41	101750	59.420	ug/l	97
15) Acrylonitrile	3.068	53	195518	298.914	ug/l	98
16) Acetone	2.392	43	177937	237.970	ug/l	95
17) Carbon Disulfide	2.502	76	105464	44.018	ug/l	99
18) Methyl Acetate	2.709	43	95919	65.475	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	218373	58.773	ug/l	100
20) Methylene Chloride	2.788	84	68825	55.367	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	59808	52.507	ug/l	87
22) Diisopropyl ether	3.763	45	216505	59.657	ug/l	94
23) Vinyl Acetate	3.721	43	988406	304.464	ug/l	96
24) 1,1-Dichloroethane	3.605	63	118163	57.633	ug/l	97
25) 2-Butanone	4.568	43	285316	307.868	ug/l	96
26) 2,2-Dichloropropane	4.471	77	97293	56.756	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	77455	57.431	ug/l	91
28) Bromochloromethane	4.897	49	40977	56.001	ug/l	# 79
29) Tetrahydrofuran	5.013	42	184298	304.077	ug/l	97
30) Chloroform	5.093	83	129464	60.694	ug/l	97
31) Cyclohexane	5.464	56	90857	52.575	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	114695	59.101	ug/l	98
36) 1,1-Dichloropropene	5.690	75	79173	52.989	ug/l	95
37) Ethyl Acetate	4.721	43	112491	60.339	ug/l	100
38) Carbon Tetrachloride	5.672	117	95592	55.847	ug/l	98
39) Methylcyclohexane	7.379	83	96815	55.155	ug/l	93
40) Benzene	6.037	78	258166	56.049	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations
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Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58056	60.505	ug/l	94
42) 1,2-Dichloroethane	6.086	62	100937	59.795	ug/l	97
43) Isopropyl Acetate	6.348	43	170107	60.686	ug/l	99
44) Trichloroethene	7.123	130	71609	58.876	ug/l	88
45) 1,2-Dichloropropane	7.427	63	64043	62.231	ug/l	99
46) Dibromomethane	7.580	93	49686	60.648	ug/l #	79
47) Bromodichloromethane	7.824	83	95138	65.167	ug/l	98
48) Methyl methacrylate	7.696	41	83939	65.325	ug/l	94
49) 1,4-Dioxane	7.671	88	34848	1254.373	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	588010	349.592	ug/l	100
52) Toluene	8.720	92	169951	60.317	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	94332	65.215	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	101103	62.994	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	72017	66.369	ug/l	98
56) Ethyl methacrylate	9.116	69	116271	69.236	ug/l	97
57) 1,3-Dichloropropane	9.311	76	116174	64.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	258337	317.261	ug/l	94
59) 2-Hexanone	9.433	43	456482	339.398	ug/l	98
60) Dibromochloromethane	9.519	129	84006	65.762	ug/l	98
61) 1,2-Dibromoethane	9.610	107	75463	63.214	ug/l	100
64) Tetrachloroethene	9.275	164	70425	56.314	ug/l	90
65) Chlorobenzene	10.079	112	201478	57.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	74528	60.163	ug/l	98
67) Ethyl Benzene	10.195	91	330996	57.224	ug/l	99
68) m/p-Xylenes	10.299	106	260024	112.258	ug/l	95
69) o-Xylene	10.640	106	130968	59.052	ug/l	95
70) Styrene	10.652	104	224888	61.795	ug/l	96
71) Bromoform	10.799	173	67643	61.016	ug/l #	98
73) Isopropylbenzene	10.963	105	344585	55.681	ug/l	97
74) N-amyl acetate	10.841	43	159095	58.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	120774	59.557	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98612m	59.684	ug/l	
77) Bromobenzene	11.195	156	99738	57.102	ug/l	79
78) n-propylbenzene	11.305	91	377396	58.062	ug/l	96
79) 2-Chlorotoluene	11.366	91	234765	56.048	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	287861	57.059	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	34723	57.245	ug/l	99
82) 4-Chlorotoluene	11.451	91	269023	56.574	ug/l	92
83) tert-Butylbenzene	11.713	119	312846	57.909	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	292244	57.571	ug/l	94
85) sec-Butylbenzene	11.890	105	364317	58.845	ug/l	95
86) p-Isopropyltoluene	12.006	119	324025	58.274	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	181116	57.048	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	181989	55.638	ug/l	95
89) n-Butylbenzene	12.329	91	257349	57.558	ug/l	97
90) Hexachloroethane	12.536	117	53970	58.040	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	187234	55.835	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26511	56.575	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	129400	55.205	ug/l	96
94) Hexachlorobutadiene	13.725	225	62436	53.340	ug/l	98
95) Naphthalene	13.774	128	396204	57.039	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	135533	56.576	ug/l	96

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ClientSampleId :
VSTDCCC050EC

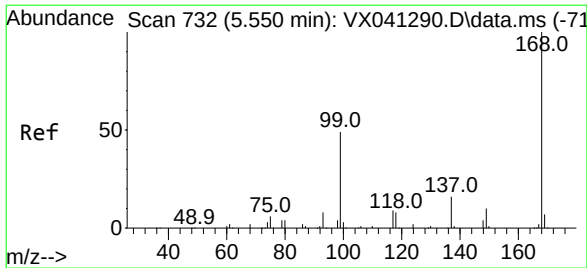
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

Quant Time: May 15 01:58:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 01:53:03 2024
Response via : Initial Calibration

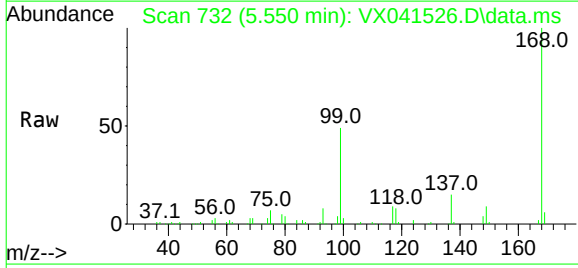
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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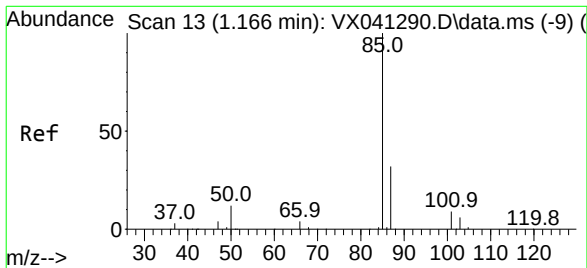
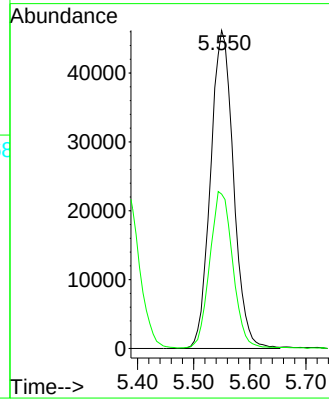
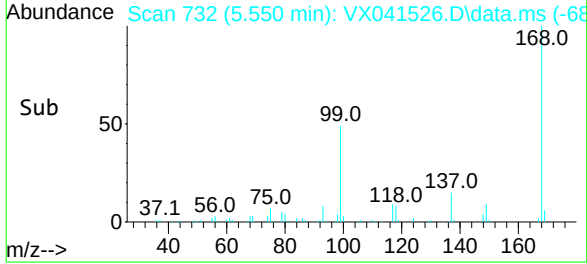
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 131529
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#

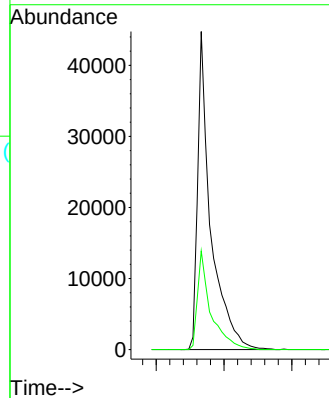
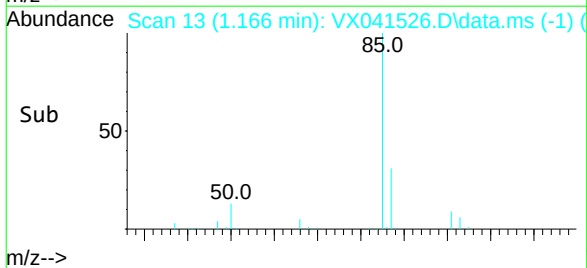
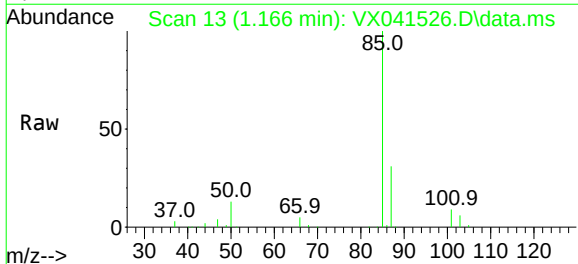
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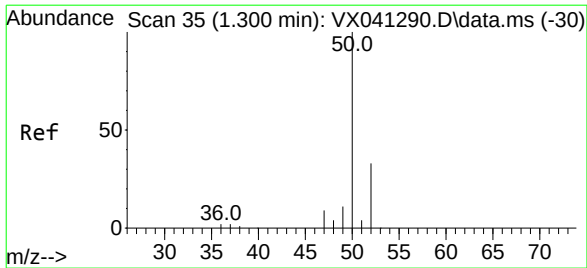
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#2
Dichlorodifluoromethane
Concen: 55.198 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 85 Resp: 59657
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





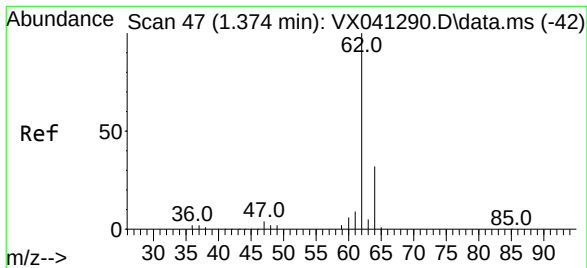
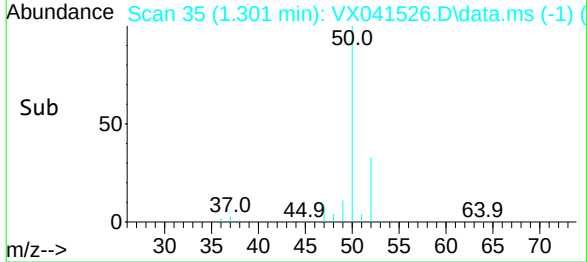
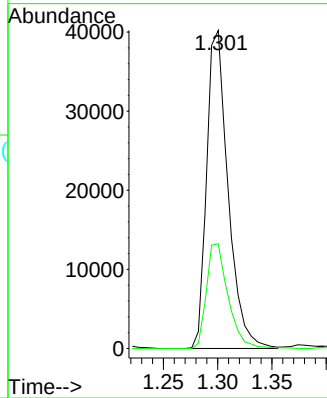
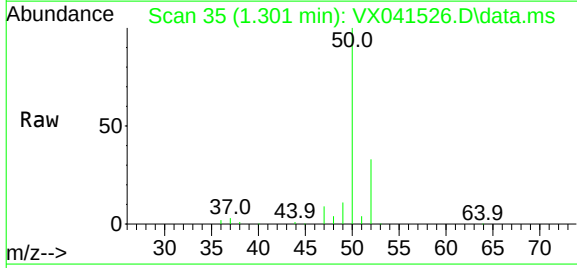
#3
Chloromethane
Concen: 49.323 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 55161
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3

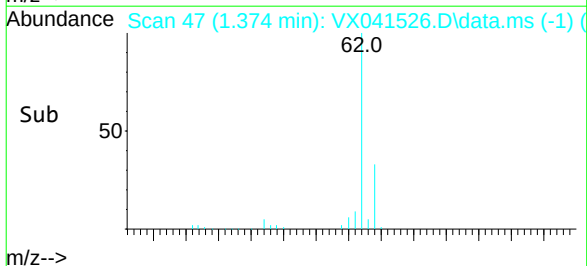
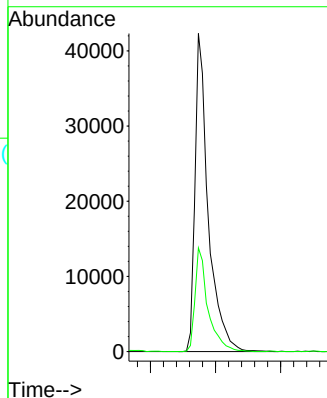
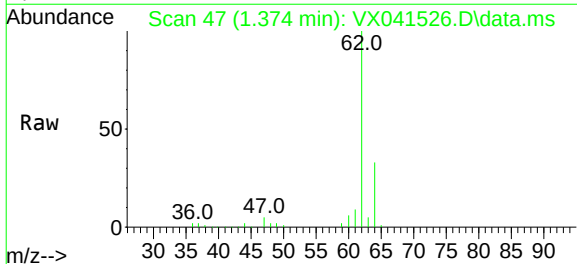
Manual Integrations
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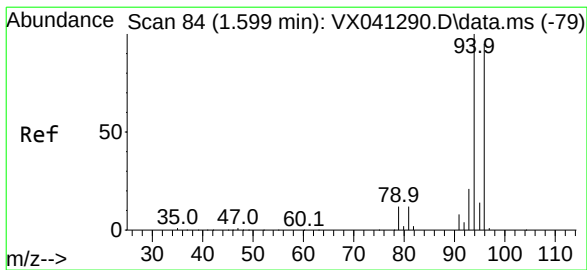
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#4
Vinyl Chloride
Concen: 55.812 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

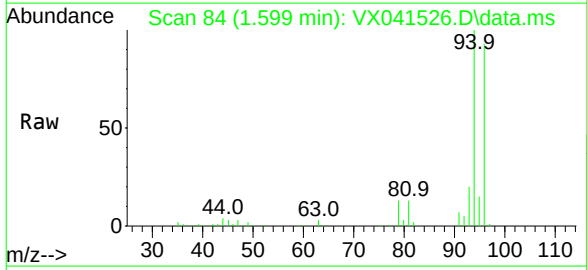
Tgt Ion: 62 Resp: 59502
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 67.872 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

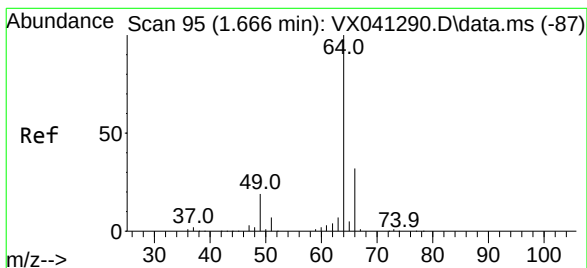
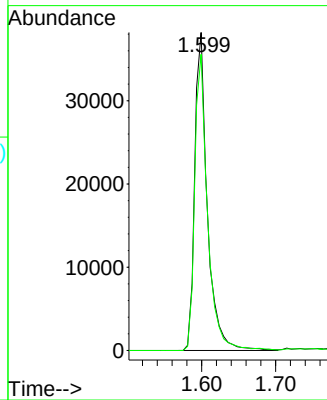
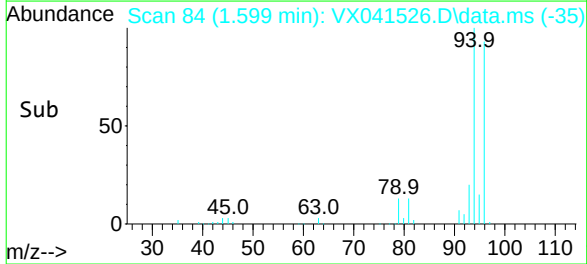
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 45362
Ion Ratio Lower Upper
94 100
96 93.1 74.6 111.8

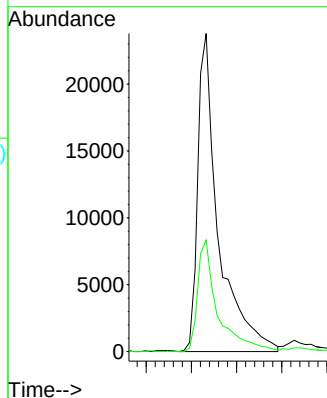
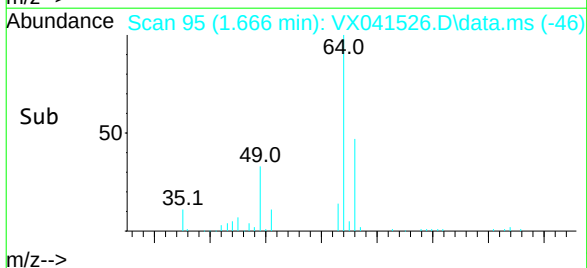
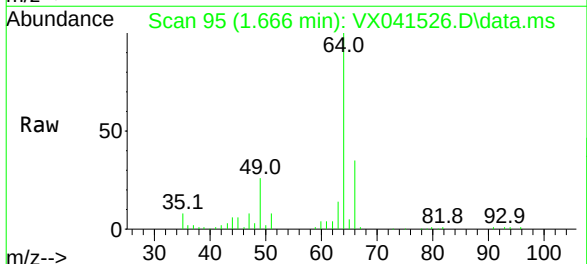
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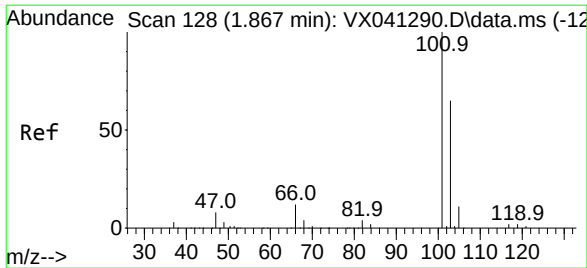
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#6
Chloroethane
Concen: 75.898 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

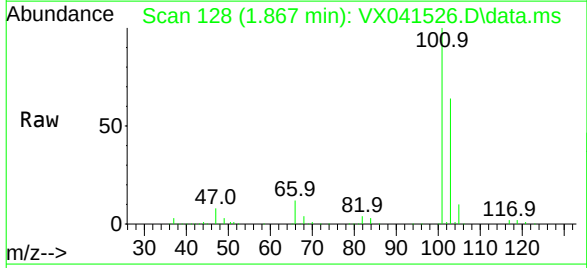
Tgt Ion: 64 Resp: 37570
Ion Ratio Lower Upper
64 100
66 35.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 63.896 ug/l
RT: 1.867 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

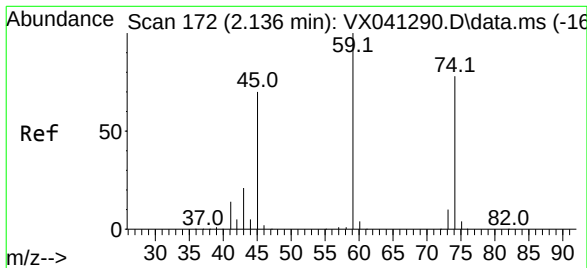
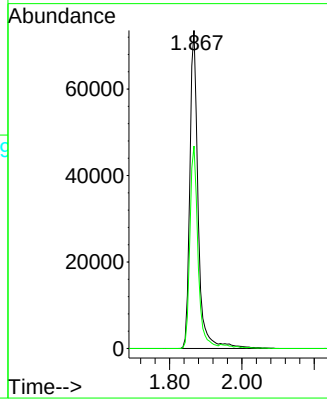
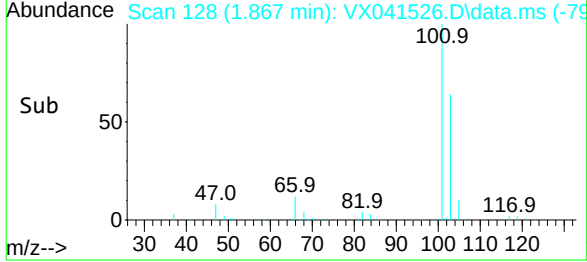
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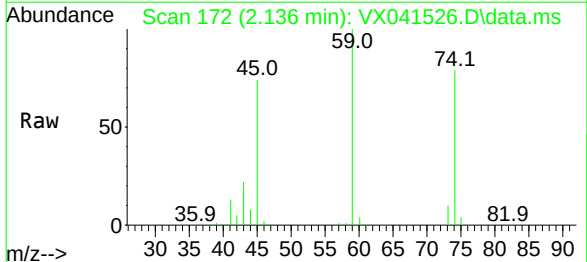
Tgt Ion:101 Resp: 117465
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

Manual Integrations
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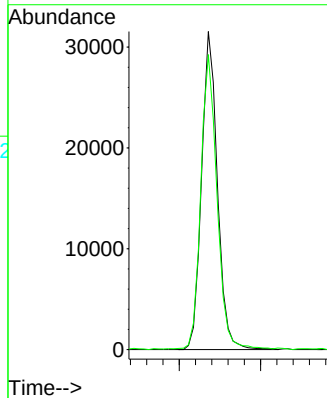
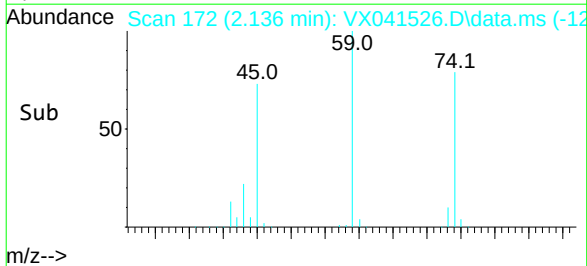
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

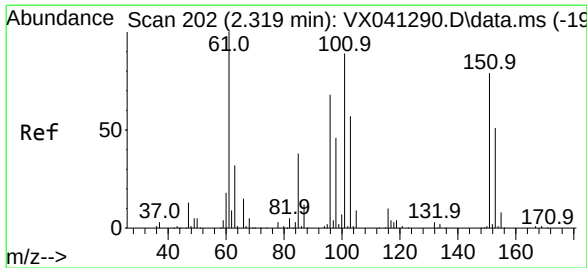


#8
Diethyl Ether
Concen: 65.841 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041526.D
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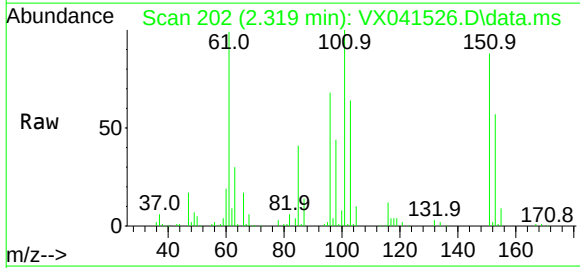
Tgt Ion: 74 Resp: 42663
Ion Ratio Lower Upper
74 100
45 94.2 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 61.061 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041526.D
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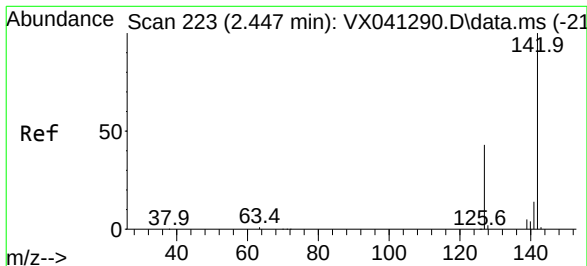
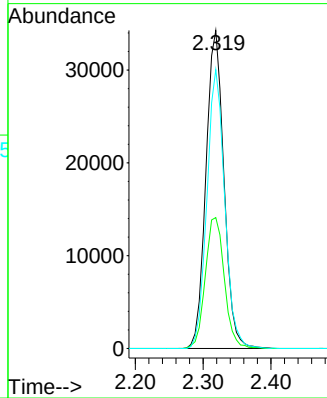
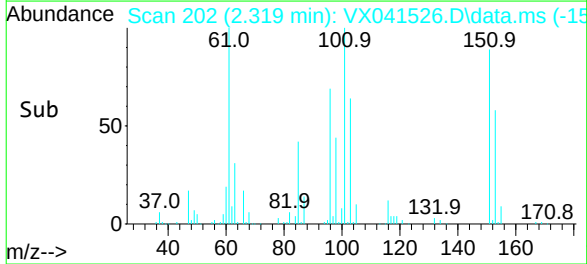
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



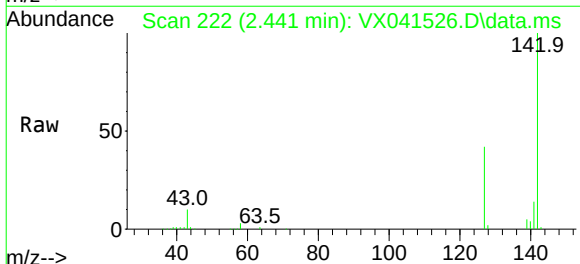
Tgt Ion:101 Resp: 63091
Ion Ratio Lower Upper
101 100
85 43.6 37.0 55.6
151 87.0 58.6 87.8

Manual Integrations
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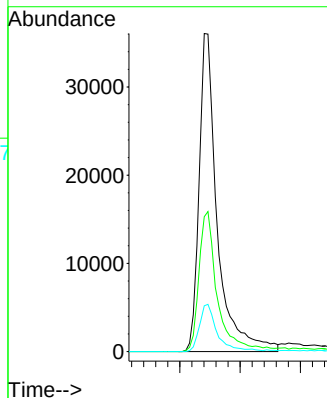
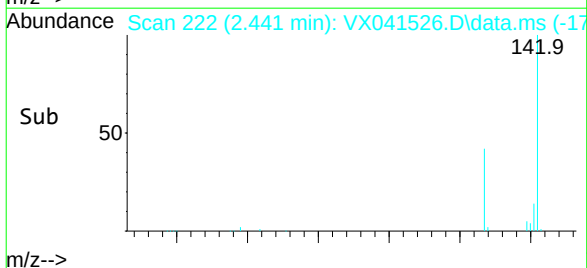
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

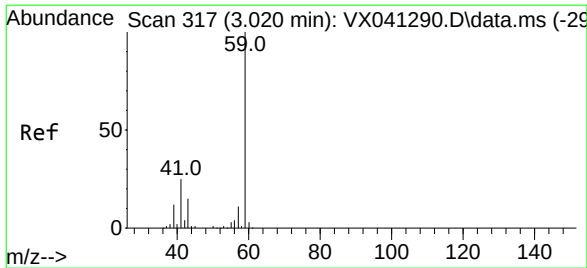


#10
Methyl Iodide
Concen: 67.986 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54



Tgt Ion:142 Resp: 75604
Ion Ratio Lower Upper
142 100
127 44.5 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 283.527 ug/l

RT: 3.008 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 81257

Ion Ratio Lower Upper

59 100

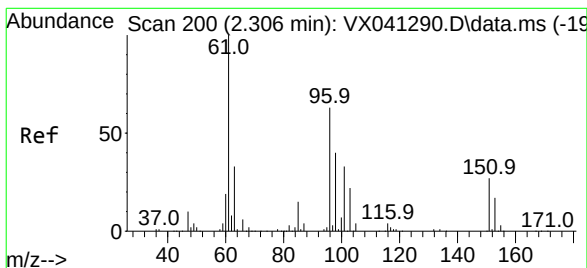
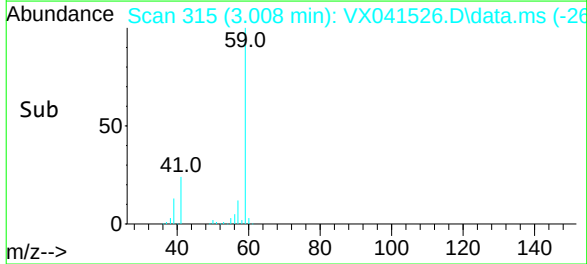
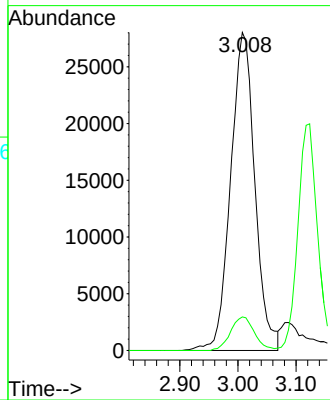
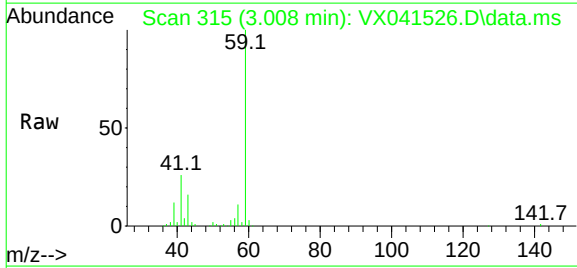
57 10.4 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#12

1,1-Dichloroethene

Concen: 57.726 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

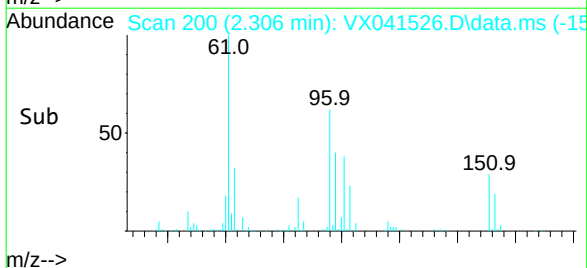
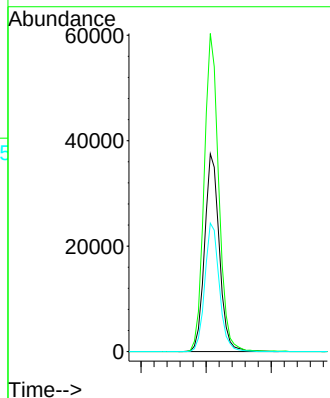
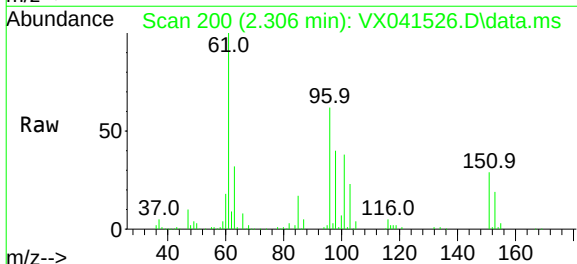
Tgt Ion: 96 Resp: 58837

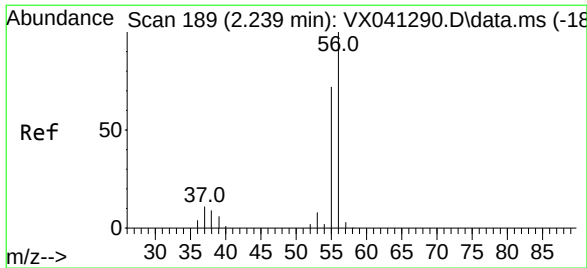
Ion Ratio Lower Upper

96 100

61 160.8 144.6 216.8

98 64.9 50.4 75.6





#13

Acrolein

Concen: 369.198 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 83941

Ion Ratio Lower Upper

56 100

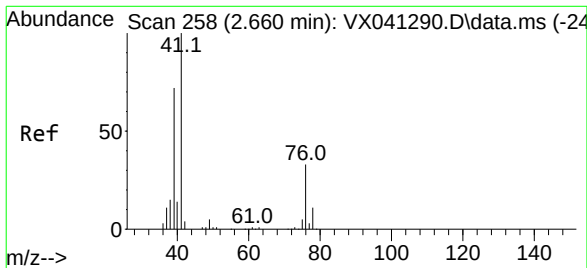
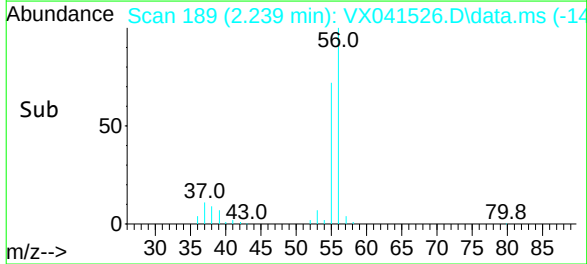
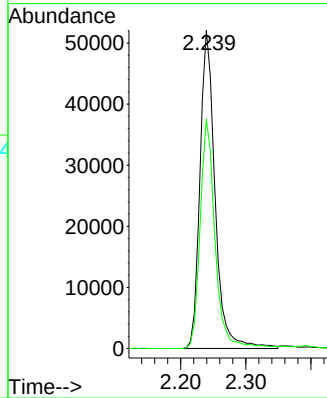
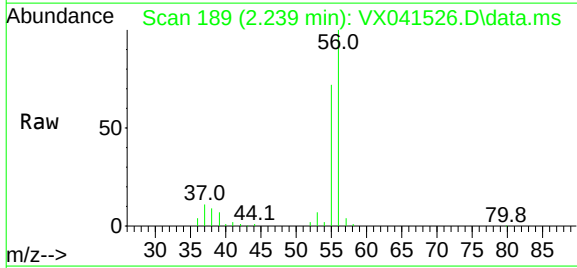
55 71.1 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#14

Allyl chloride

Concen: 59.420 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

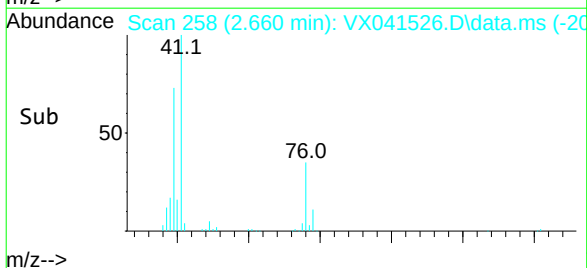
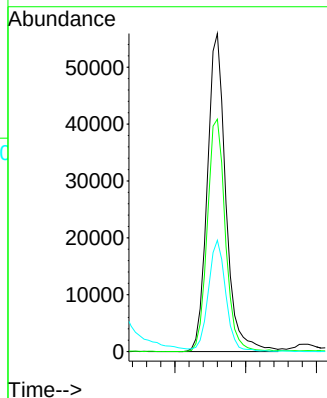
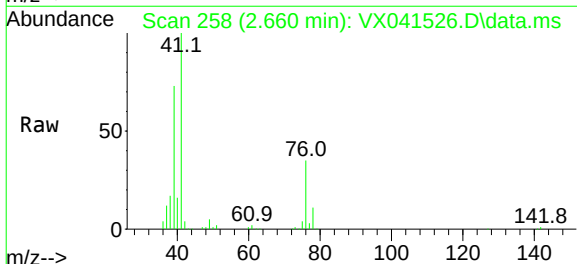
Tgt Ion: 41 Resp: 101750

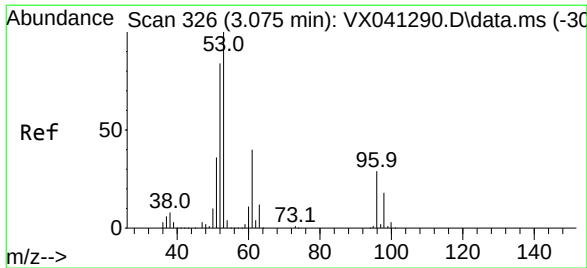
Ion Ratio Lower Upper

41 100

39 71.6 55.8 83.6

76 32.9 24.3 36.5





#15

Acrylonitrile

Concen: 298.914 ug/l

RT: 3.068 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

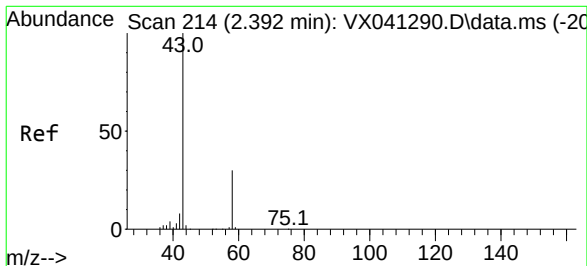
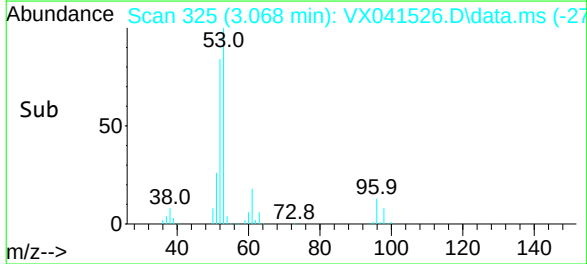
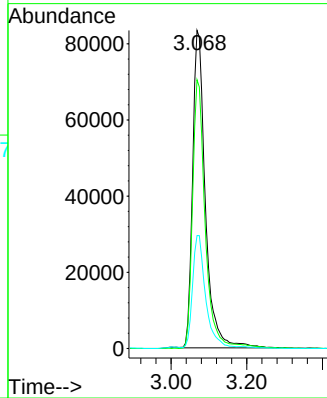
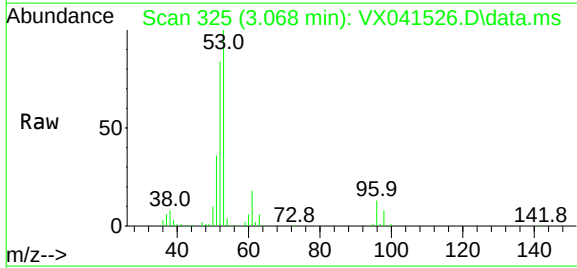
Tgt Ion:	53	Resp:	195518
Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.0	99.0
51	35.9	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#16

Acetone

Concen: 237.970 ug/l

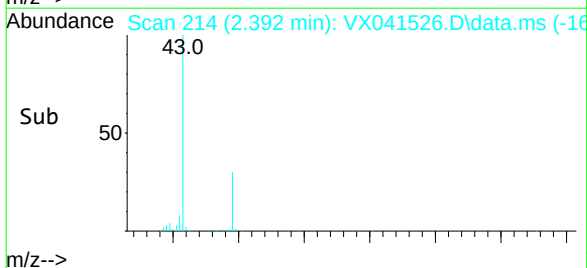
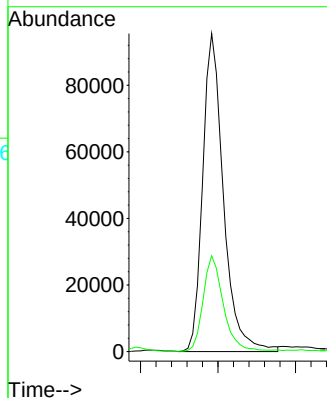
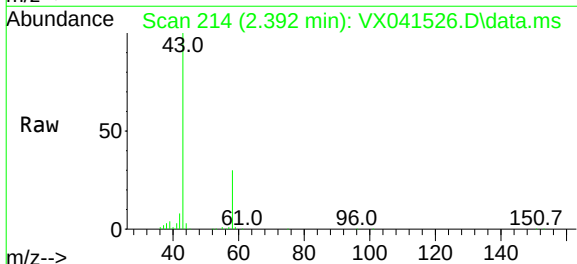
RT: 2.392 min Scan# 214

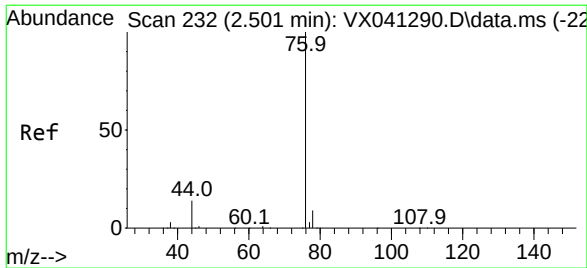
Delta R.T. -0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion:	43	Resp:	177937
Ion	Ratio	Lower	Upper
43	100		
58	30.0	21.9	32.9





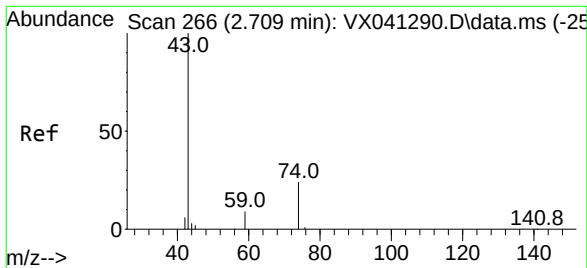
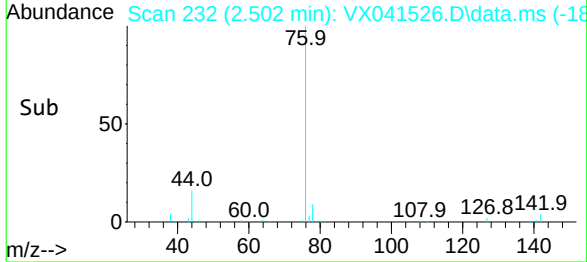
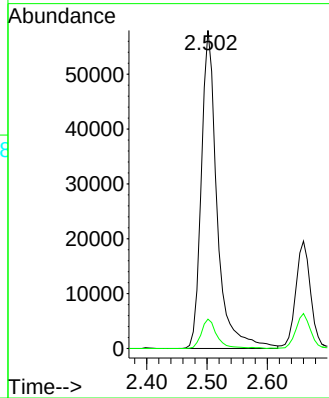
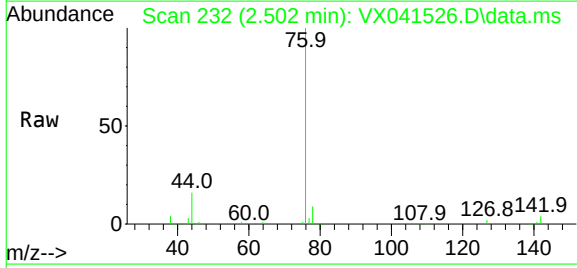
#17
Carbon Disulfide
Concen: 44.018 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 105464
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

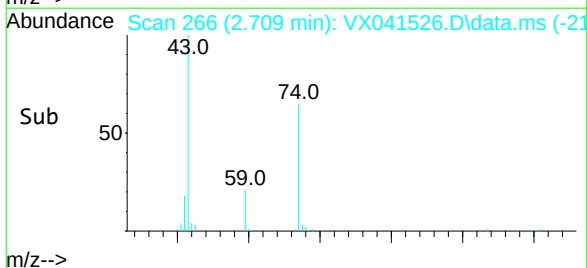
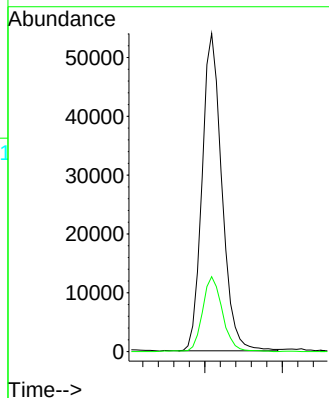
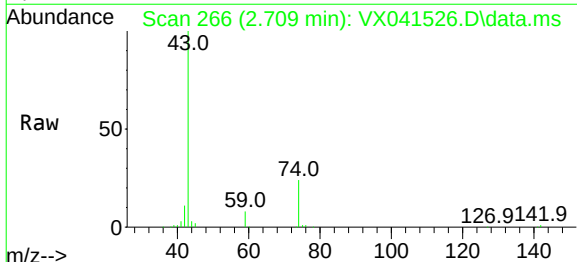
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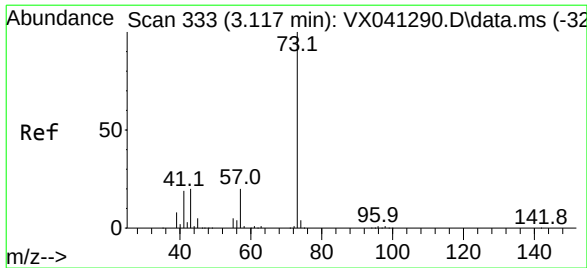
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#18
Methyl Acetate
Concen: 65.475 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 43 Resp: 95919
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.8





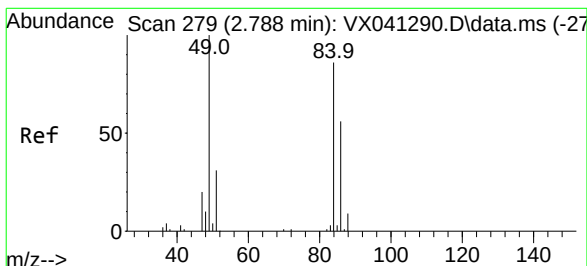
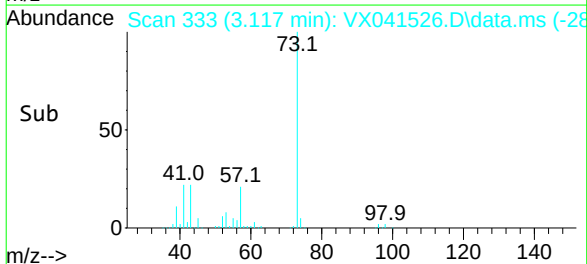
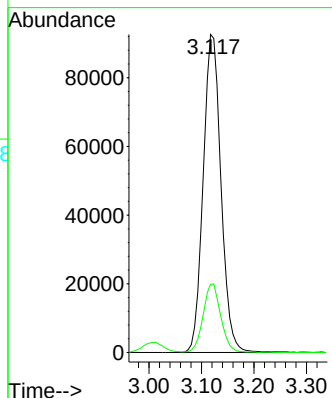
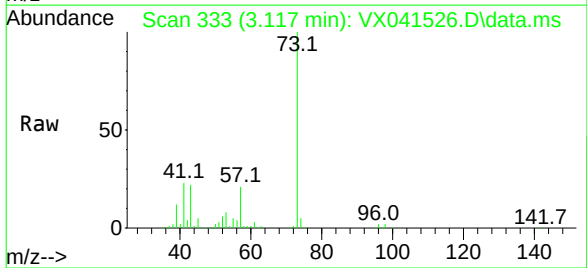
#19
Methyl tert-butyl Ether
Concen: 58.773 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 218373
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

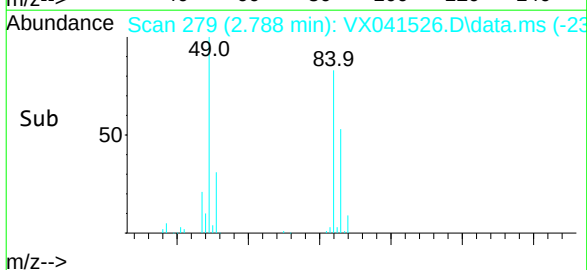
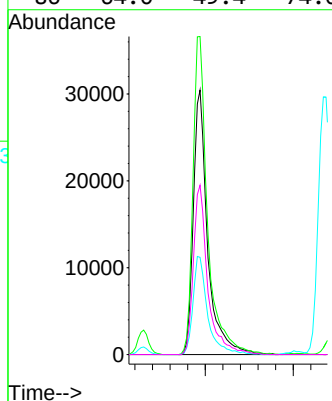
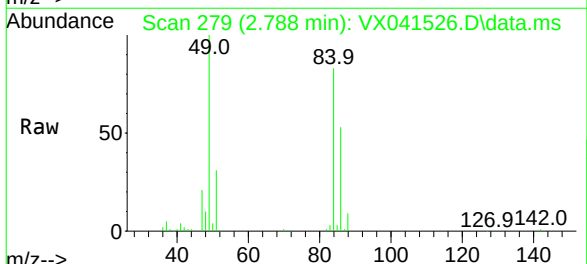
Manual Integrations
APPROVED

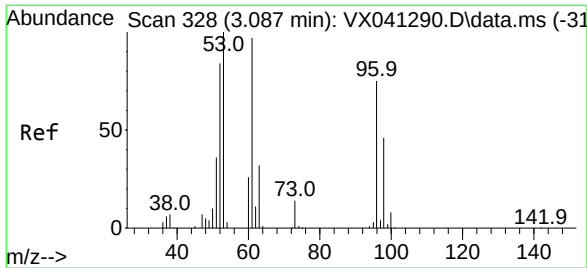
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#20
Methylene Chloride
Concen: 55.367 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 84 Resp: 68825
Ion Ratio Lower Upper
84 100
49 120.3 103.6 155.4
51 36.8 33.8 50.6
86 64.0 49.4 74.0





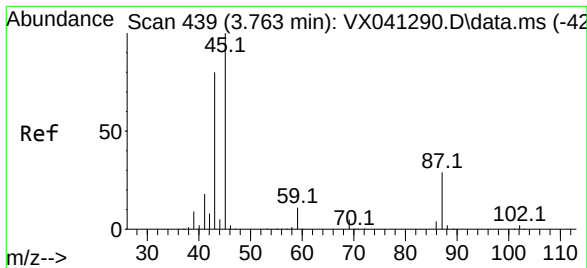
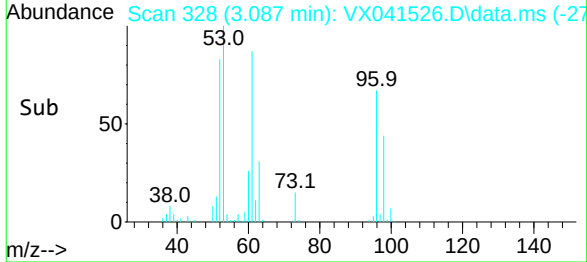
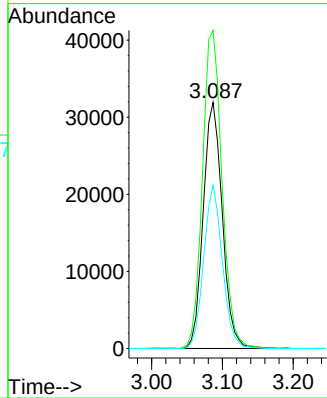
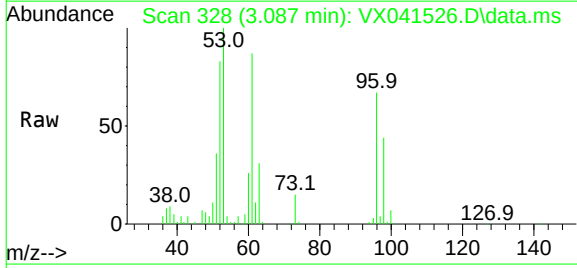
#21
trans-1,2-Dichloroethene
Concen: 52.507 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.3	119.2	178.8
98	66.4	48.7	73.1

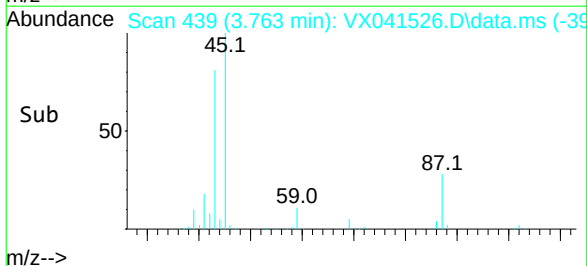
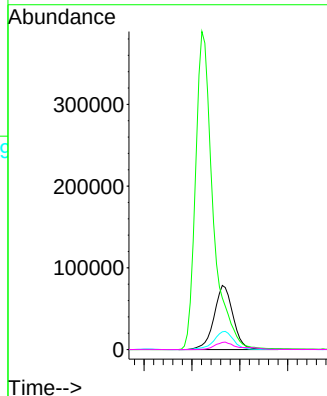
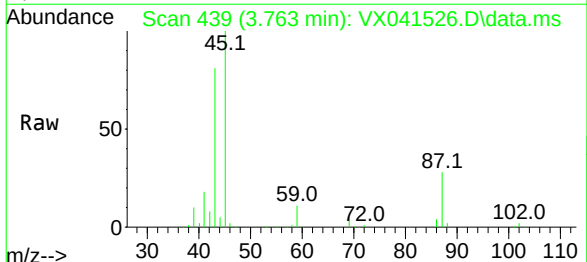
Manual Integrations
APPROVED

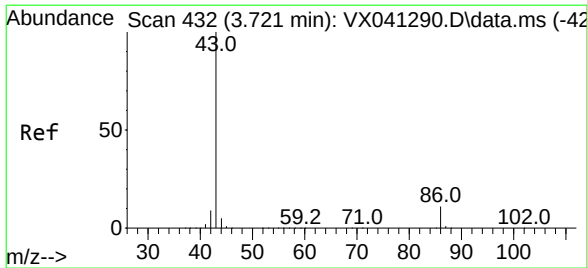
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#22
Diisopropyl ether
Concen: 59.657 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.4	69.7	104.5
87	27.7	20.8	31.2
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 304.464 ug/l

RT: 3.721 min Scan# 432

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 988406

Ion Ratio Lower Upper

43 100

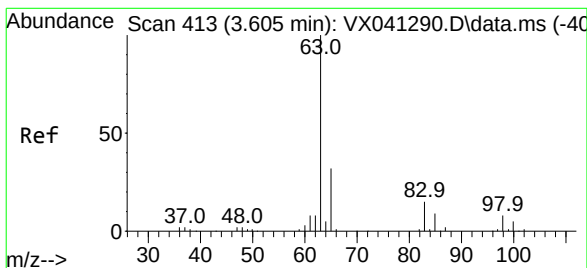
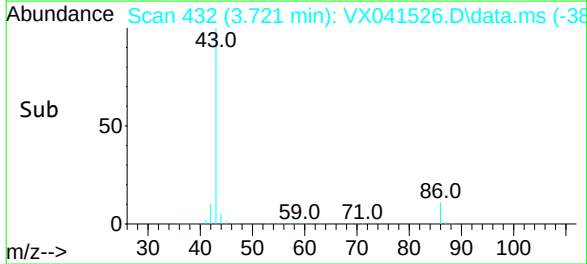
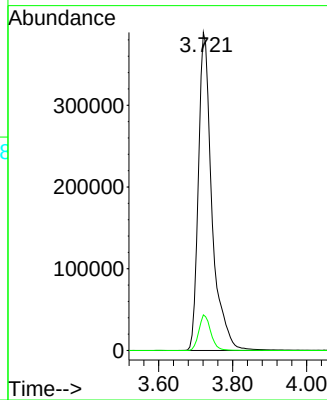
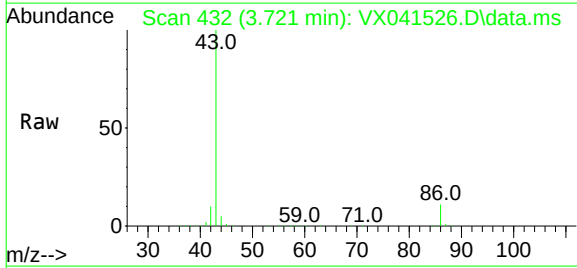
86 11.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#24

1,1-Dichloroethane

Concen: 57.633 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

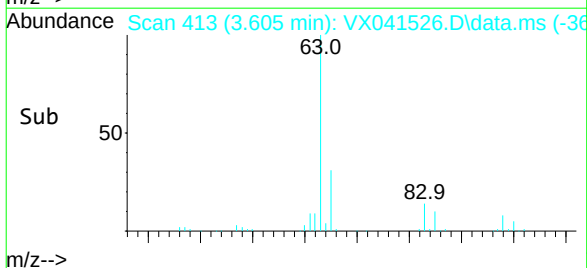
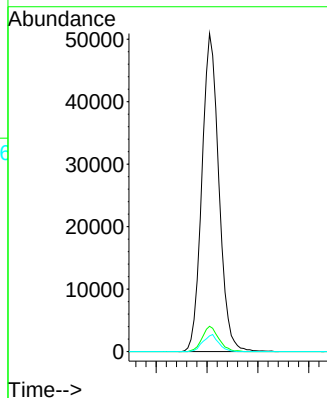
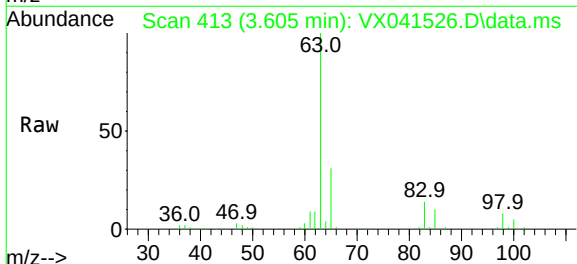
Tgt Ion: 63 Resp: 118163

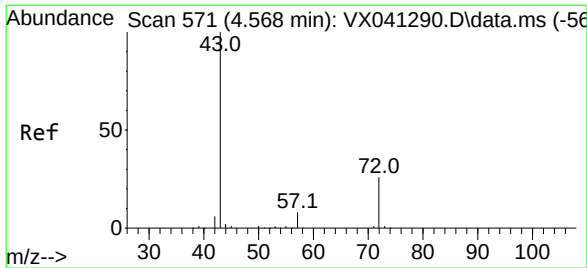
Ion Ratio Lower Upper

63 100

98 8.0 3.3 9.8

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 307.868 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 285316

Ion Ratio Lower Upper

43 100

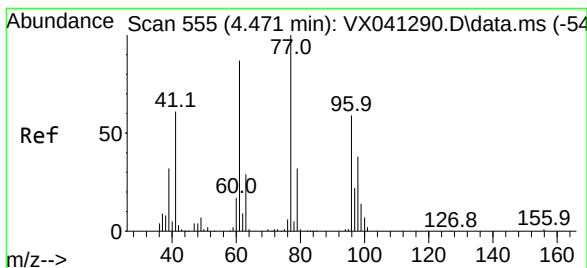
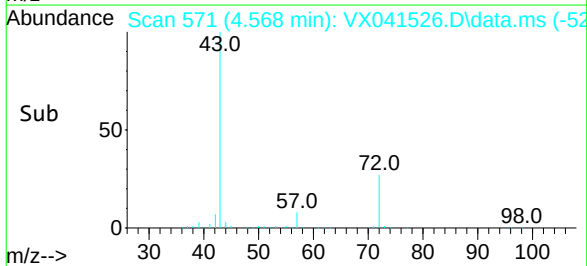
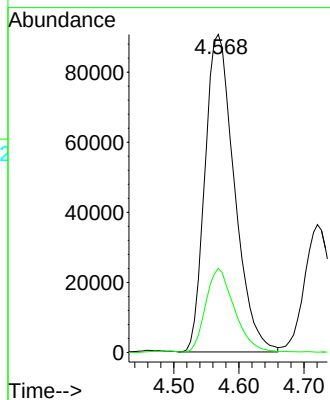
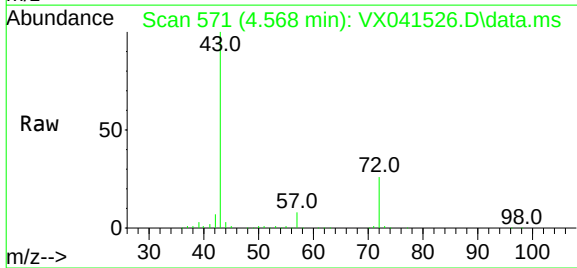
72 26.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#26

2,2-Dichloropropane

Concen: 56.756 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX041526.D

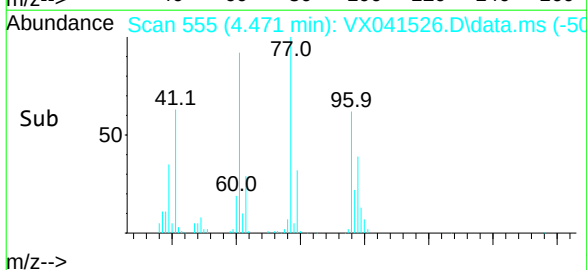
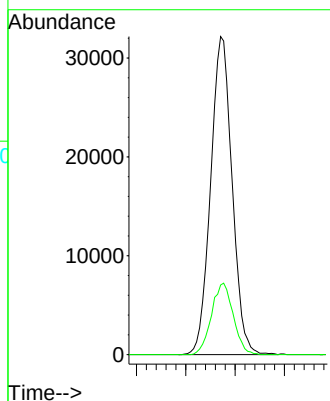
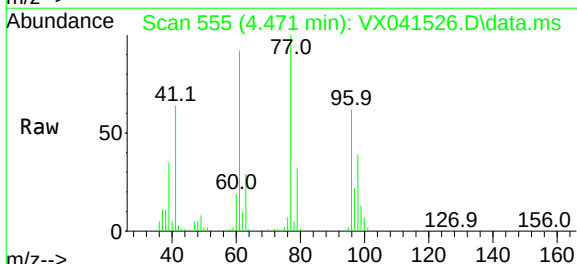
Acq: 14 May 2024 17:54

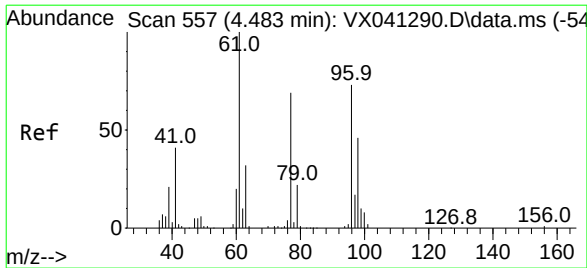
Tgt Ion: 77 Resp: 97293

Ion Ratio Lower Upper

77 100

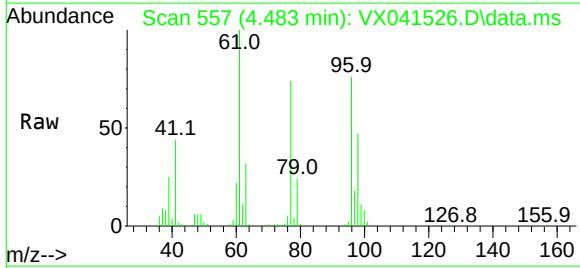
97 22.7 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 57.431 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

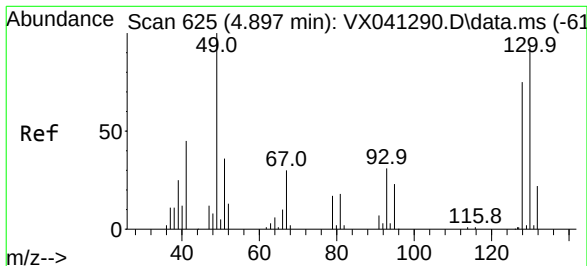
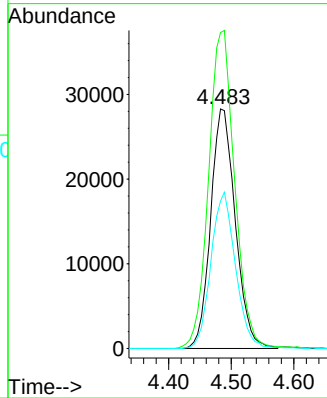
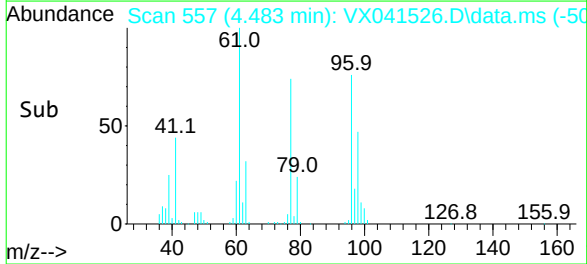
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



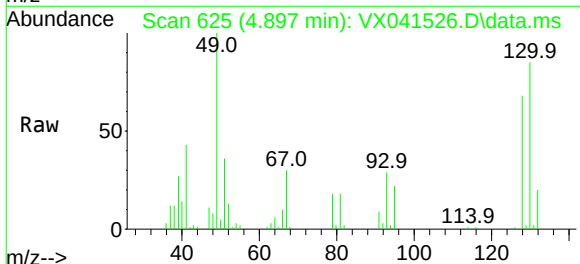
Tgt Ion: 96 Resp: 77455
Ion Ratio Lower Upper
96 100
61 140.1 0.0 312.2
98 65.1 0.0 129.0

Manual Integrations
APPROVED

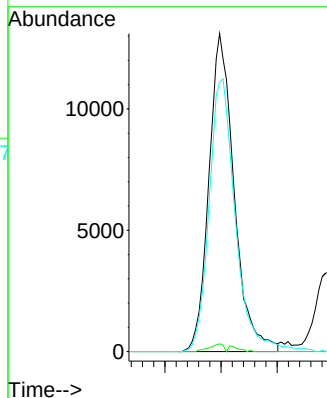
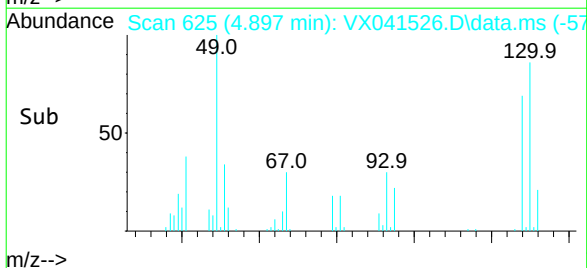
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

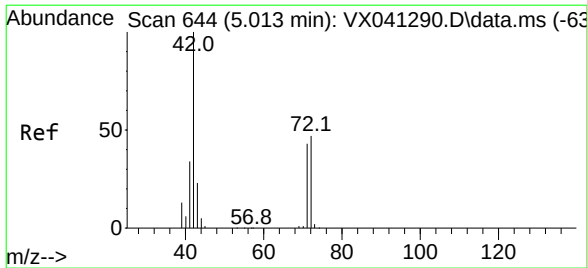


#28
Bromochloromethane
Concen: 56.001 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54



Tgt Ion: 49 Resp: 40977
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.8
130 89.5 57.5 86.3#





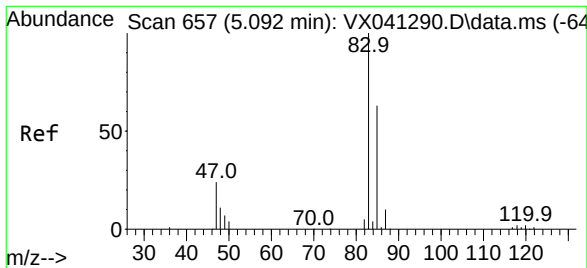
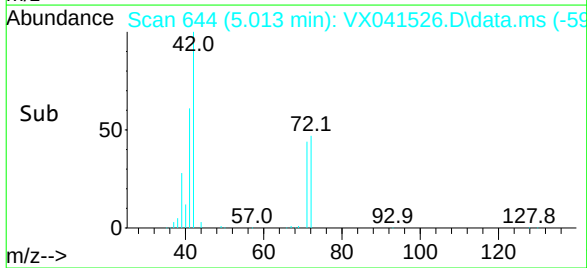
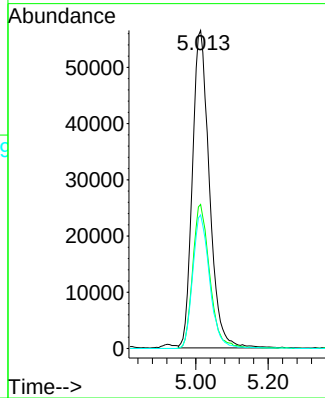
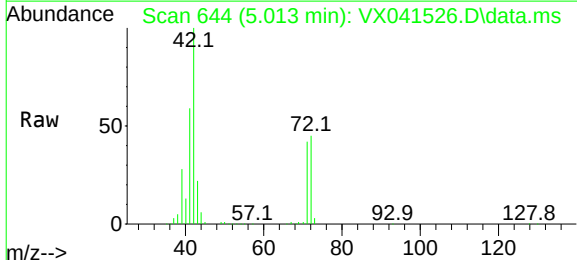
#29
Tetrahydrofuran
Concen: 304.077 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 184298
Ion Ratio Lower Upper
42 100
72 45.5 34.2 51.4
71 41.8 32.2 48.2

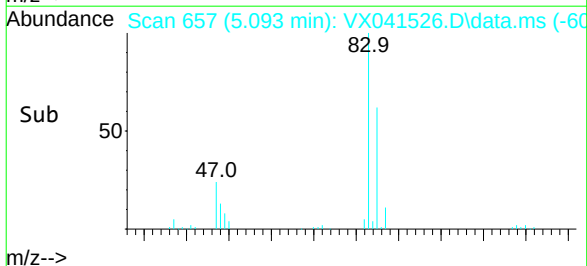
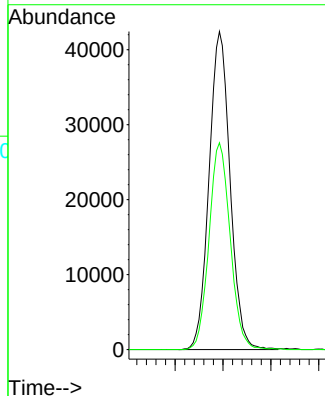
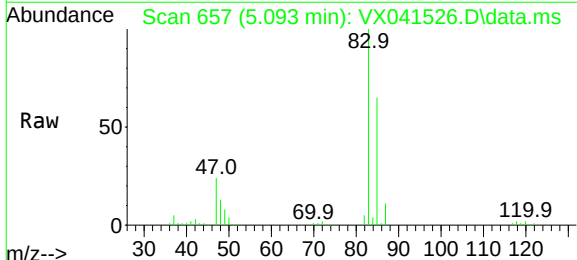
Manual Integrations
APPROVED

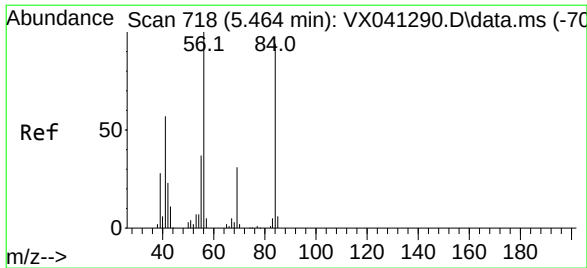
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#30
Chloroform
Concen: 60.694 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 83 Resp: 129464
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5





#31

Cyclohexane

Concen: 52.575 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

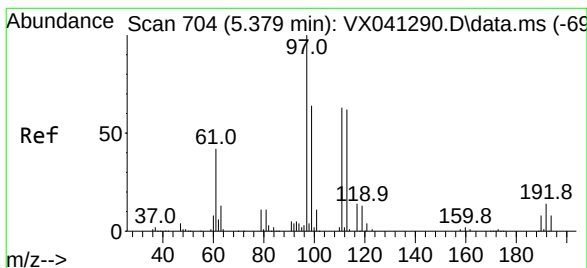
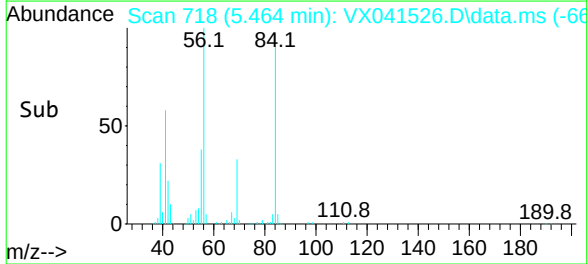
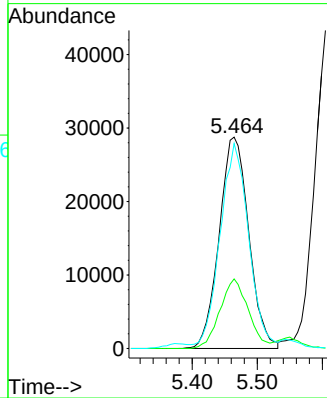
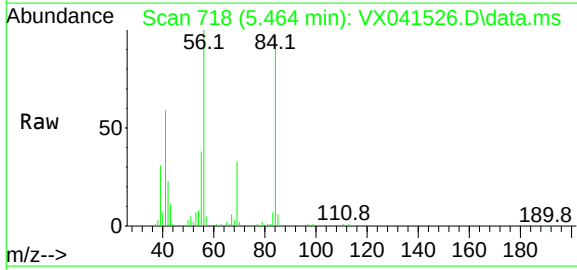
Tgt Ion:	56	Resp:	90857
Ion	Ratio	Lower	Upper
56	100		
69	32.9	23.4	35.2
84	94.8	65.9	98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#32

1,1,1-Trichloroethane

Concen: 59.101 ug/l

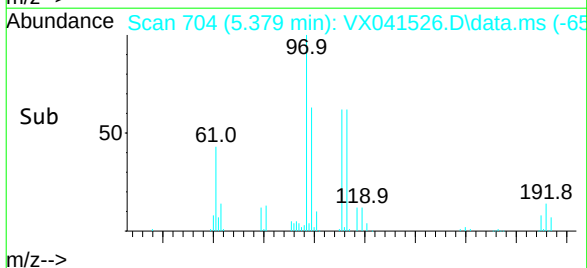
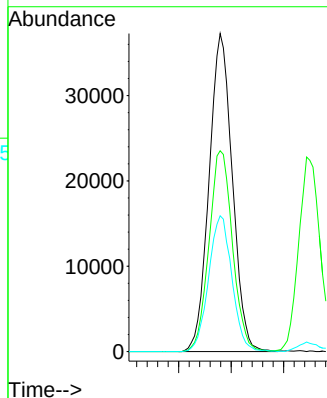
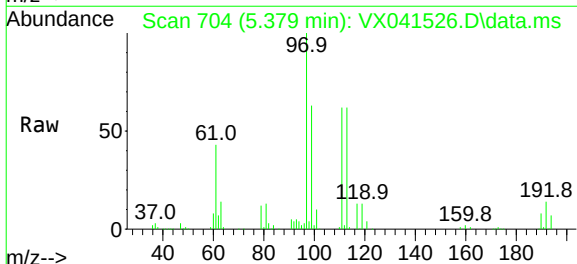
RT: 5.379 min Scan# 704

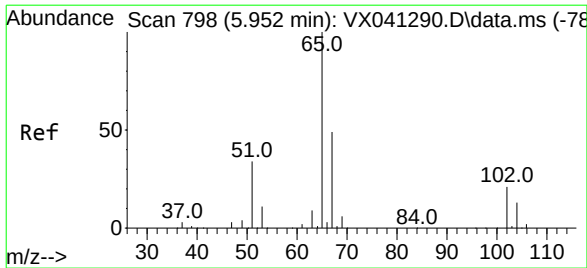
Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion:	97	Resp:	114695
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.1	76.7
61	42.8	36.4	54.6





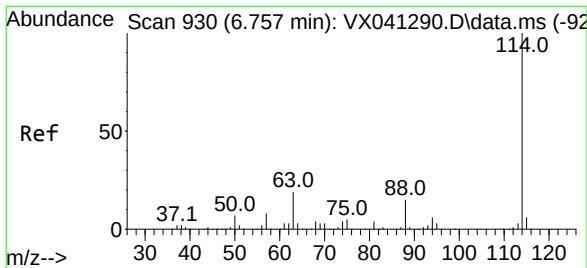
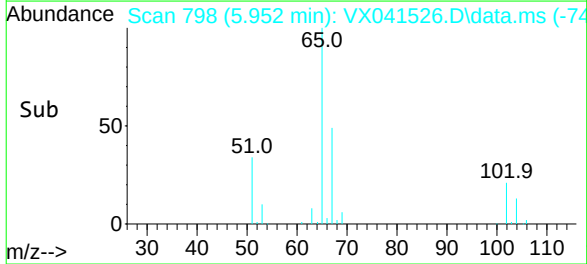
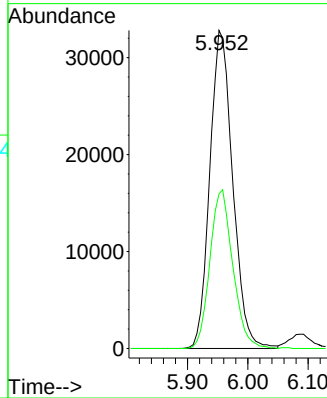
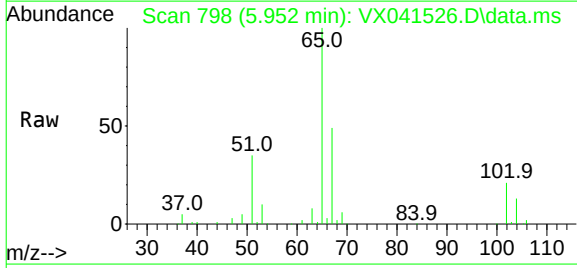
#33
1,2-Dichloroethane-d4
Concen: 60.518 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 86654
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.2

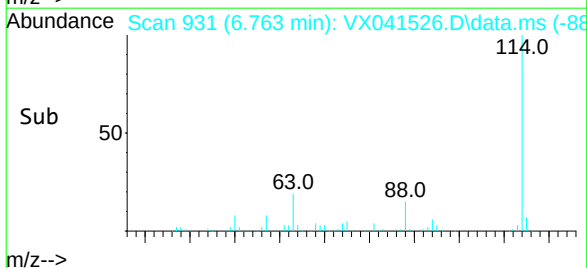
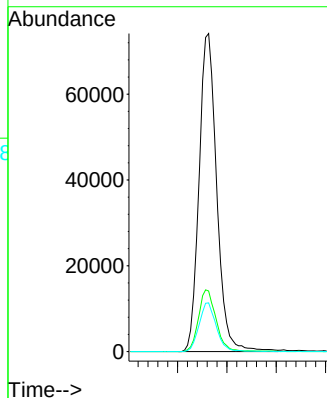
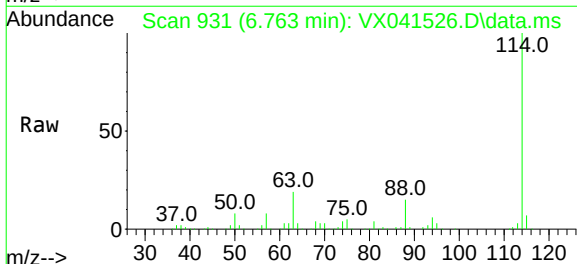
Manual Integrations
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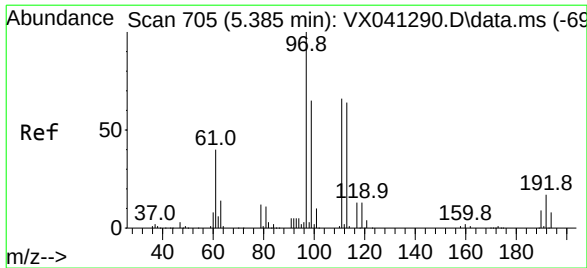
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion:114 Resp: 184387
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 56.814 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 70991

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

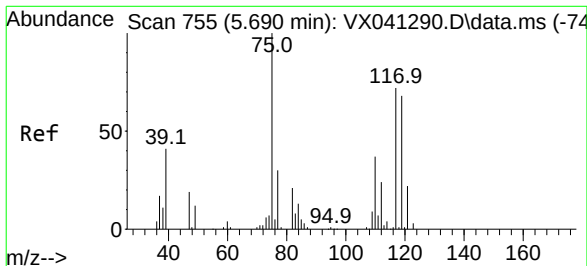
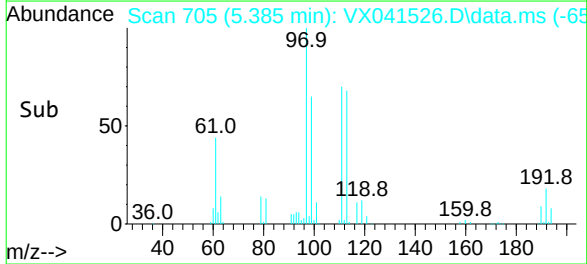
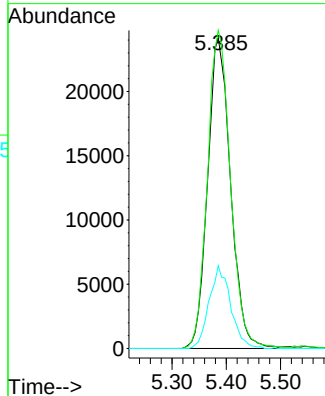
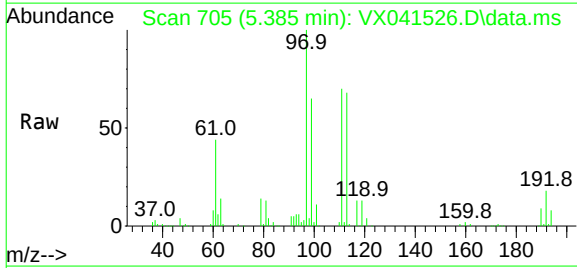
192 25.0 13.3 19.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#36

1,1-Dichloropropene

Concen: 52.989 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

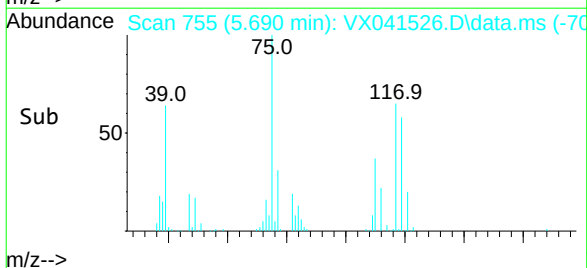
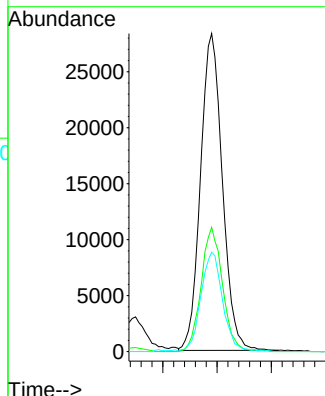
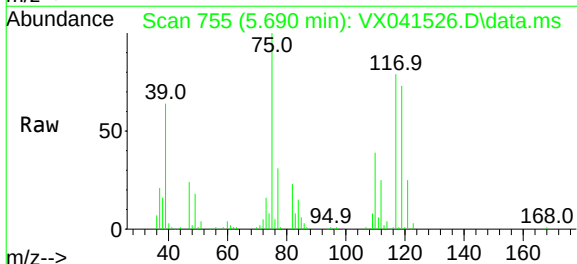
Tgt Ion: 75 Resp: 79173

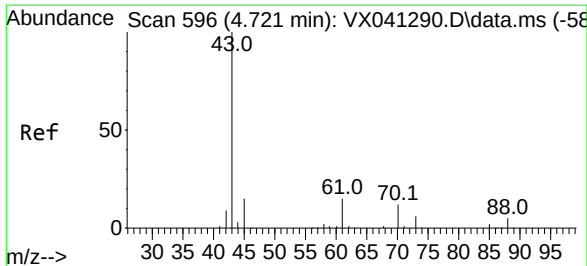
Ion Ratio Lower Upper

75 100

110 38.5 17.0 50.9

77 31.3 24.7 37.1





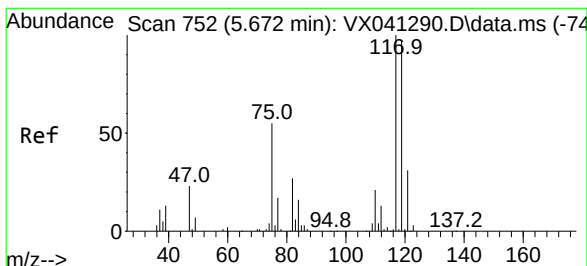
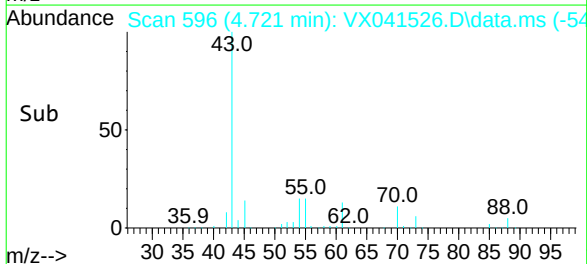
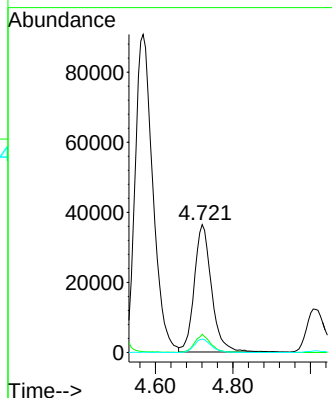
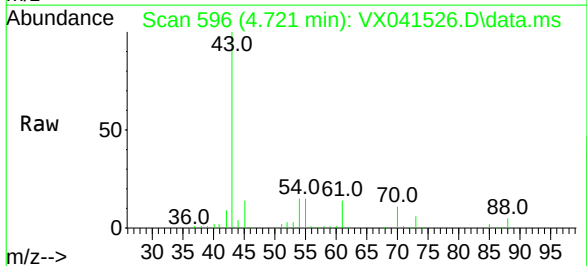
#37
Ethyl Acetate
Concen: 60.339 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	112491
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.6	16.0
70	10.3	8.3	12.5

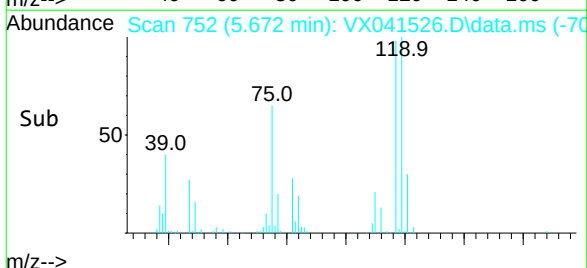
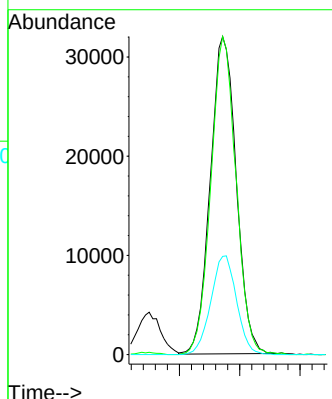
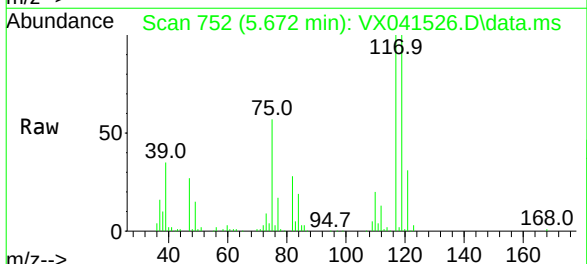
Manual Integrations
APPROVED

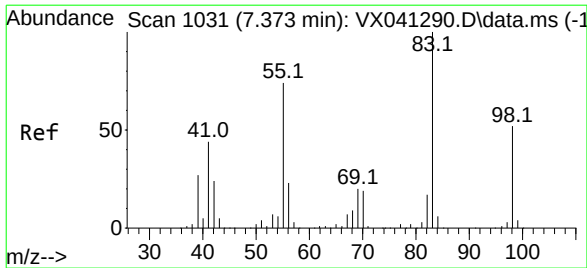
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#38
Carbon Tetrachloride
Concen: 55.847 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion:	117	Resp:	95592
Ion	Ratio	Lower	Upper
117	100		
119	100.3	78.2	117.2
121	31.0	24.4	36.6





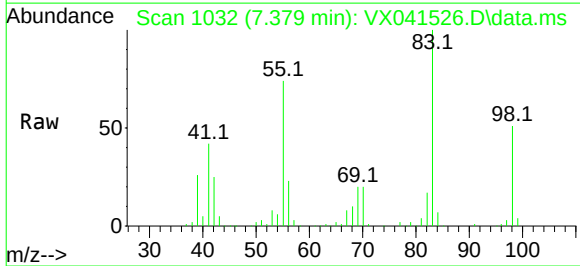
#39
Methylcyclohexane
Concen: 55.155 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



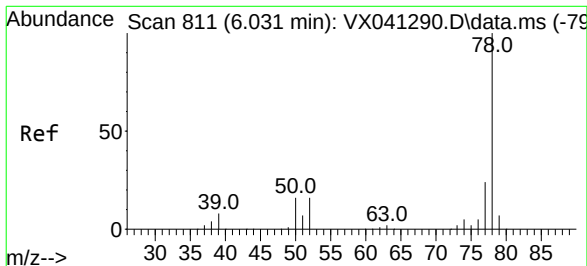
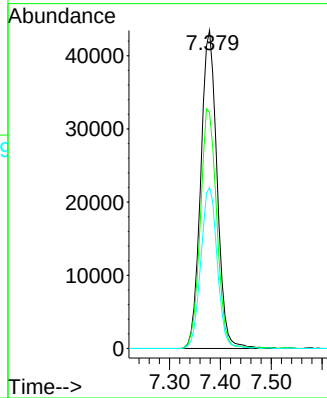
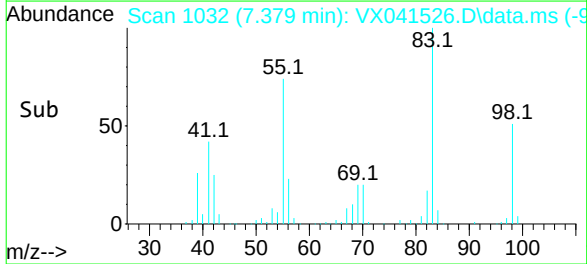
Tgt Ion: 83 Resp: 96815
Ion Ratio Lower Upper
83 100
55 74.1 64.6 97.0
98 50.5 36.7 55.1

Manual Integrations

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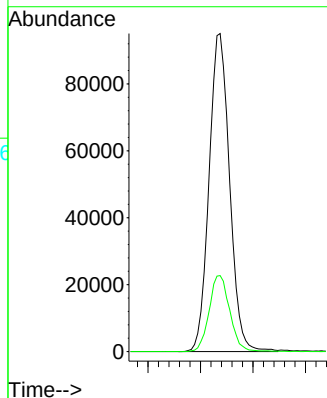
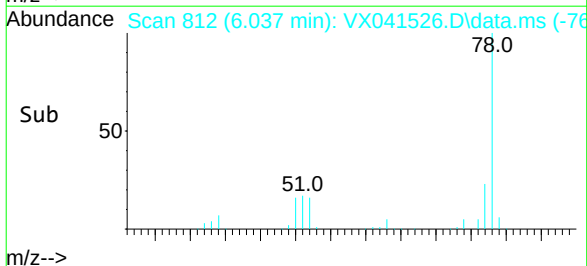
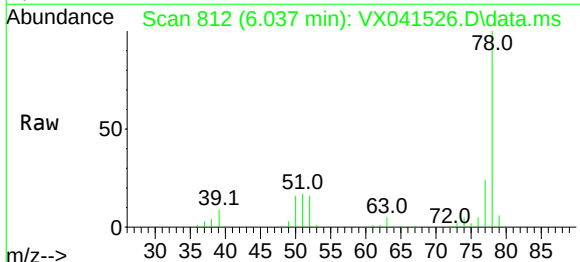
Reviewed By :John Carlone 05/15/2024

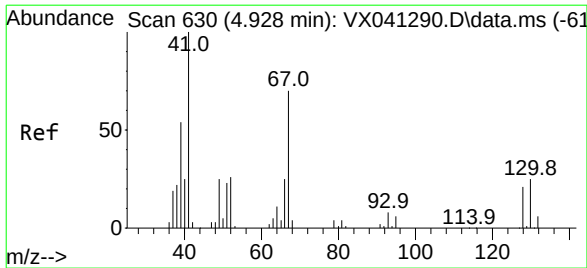
Supervised By :Mahesh Dadoda 05/15/2024



#40
Benzene
Concen: 56.049 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 78 Resp: 258166
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





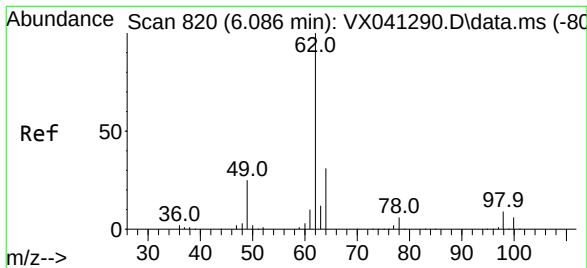
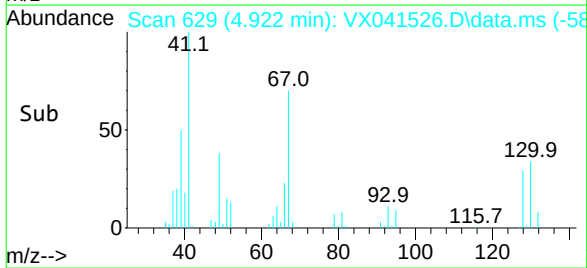
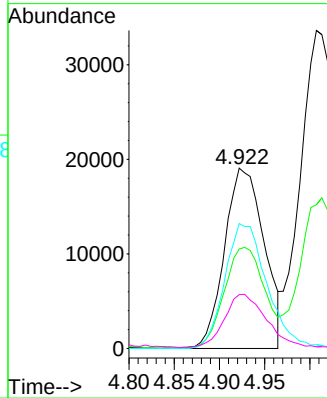
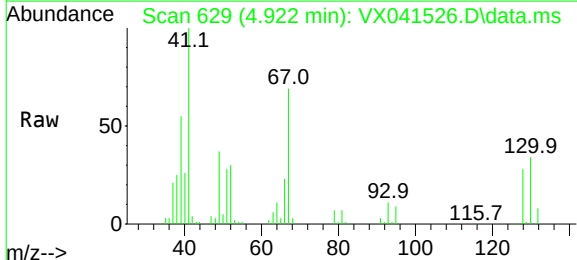
#41
Methacrylonitrile
Concen: 60.505 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	58056
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.2	67.8
67	73.8	52.6	78.8
52	33.0	22.7	34.1

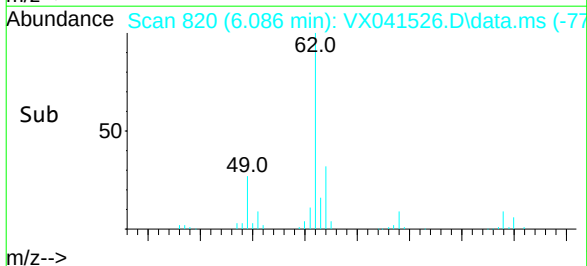
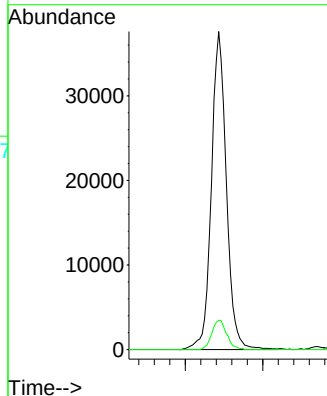
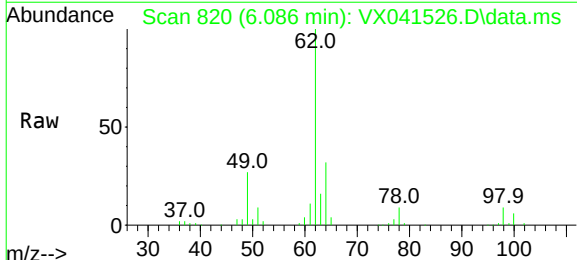
Manual Integrations
APPROVED

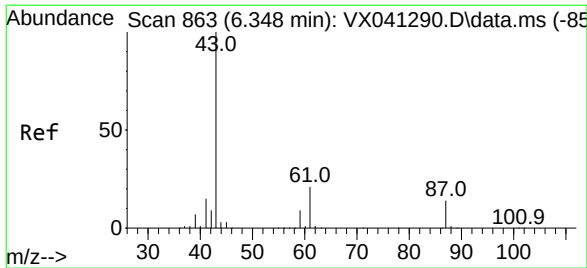
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#42
1,2-Dichloroethane
Concen: 59.795 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion:	62	Resp:	100937
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.0





#43

Isopropyl Acetate

Concen: 60.686 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

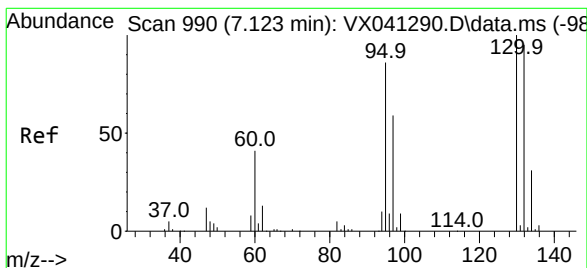
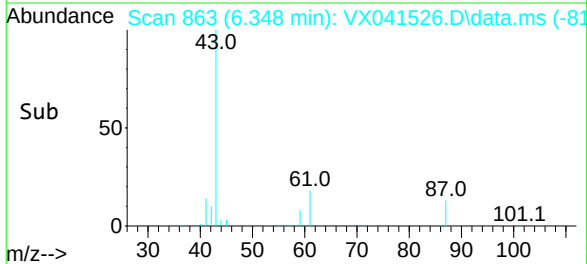
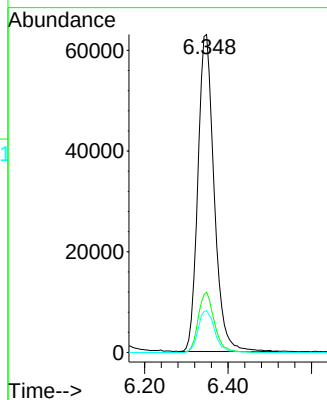
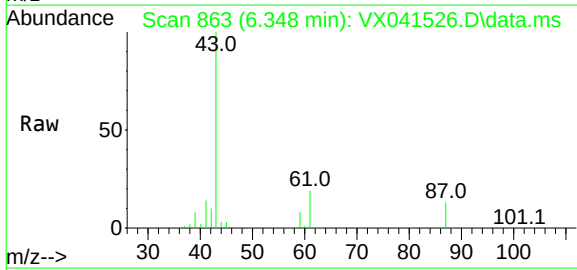
Tgt Ion:	43	Resp:	170107
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	13.6	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#44

Trichloroethene

Concen: 58.876 ug/l

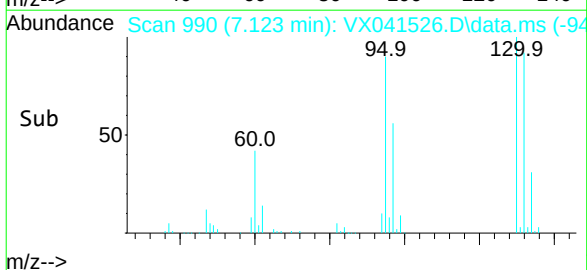
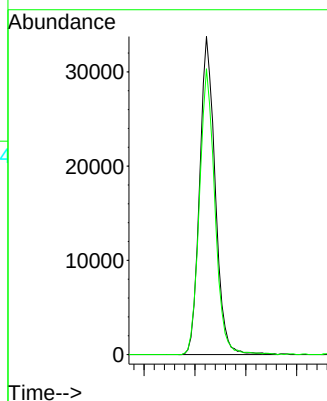
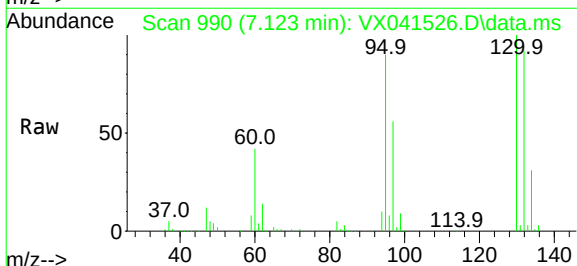
RT: 7.123 min Scan# 990

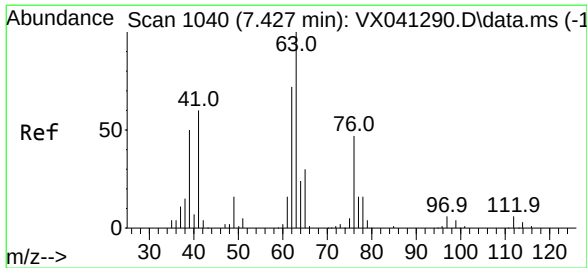
Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion:	130	Resp:	71609
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	204.4





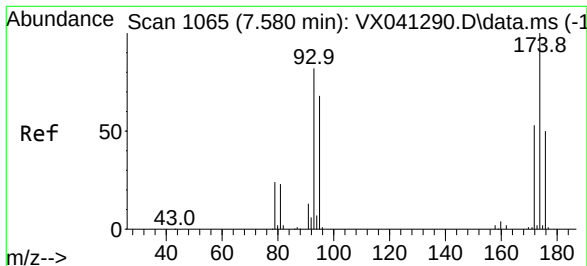
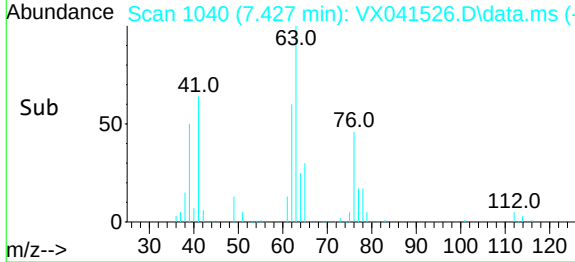
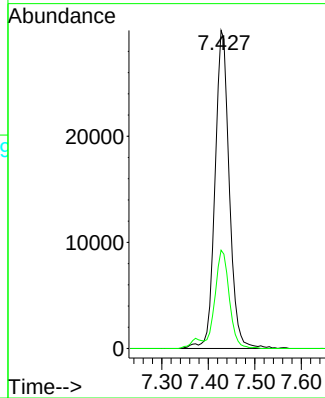
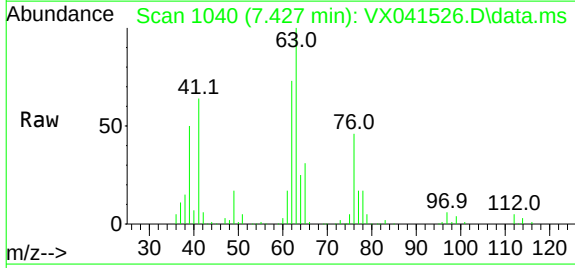
#45
1,2-Dichloropropane
Concen: 62.231 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 64043
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5

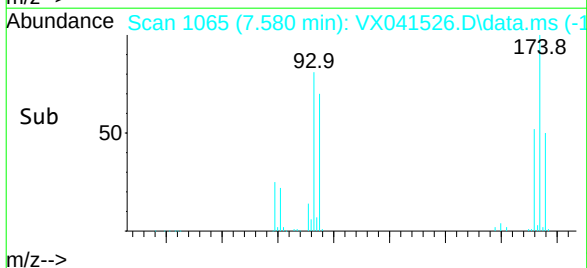
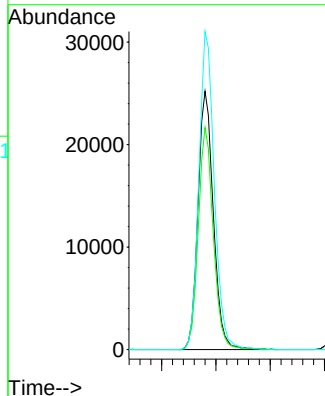
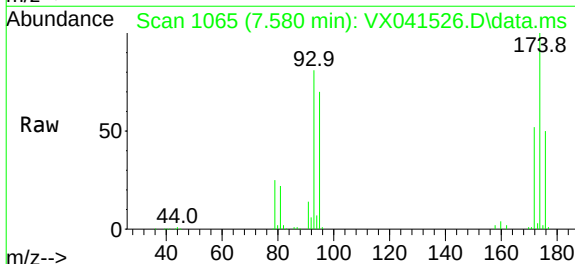
Manual Integrations
APPROVED

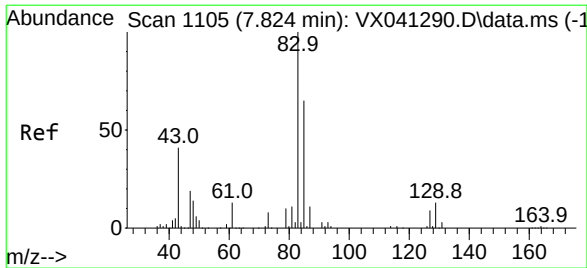
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#46
Dibromomethane
Concen: 60.648 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 93 Resp: 49686
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 123.5 69.4 104.0#





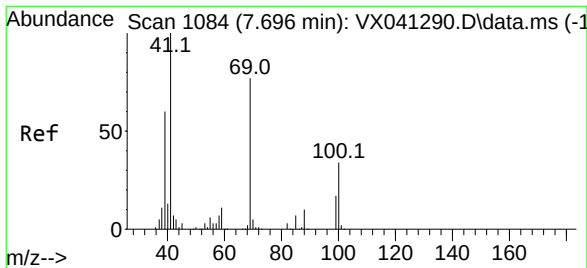
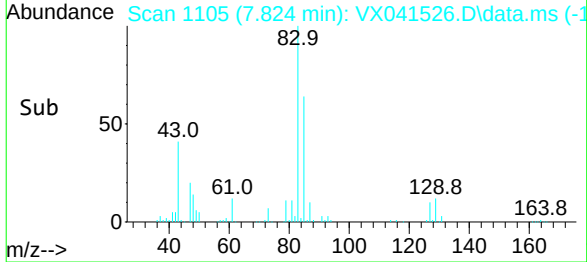
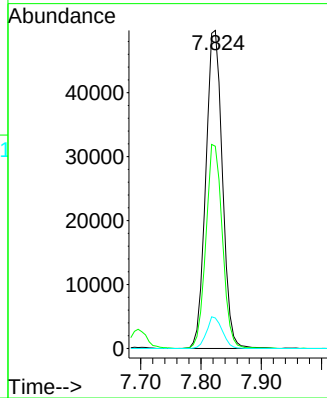
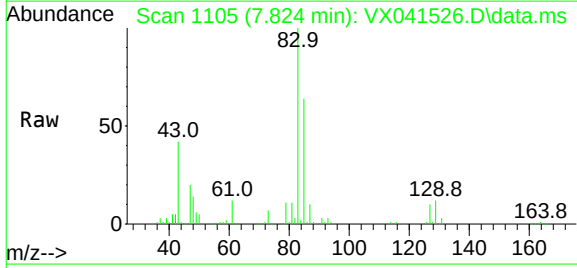
#47
Bromodichloromethane
Concen: 65.167 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.8	74.6
127	9.6	7.1	10.7

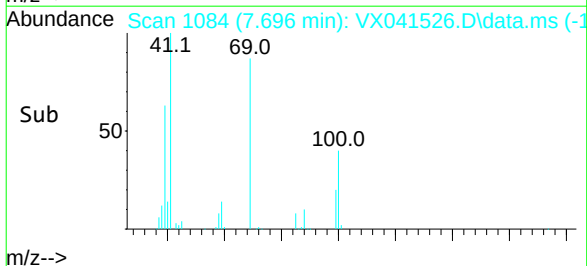
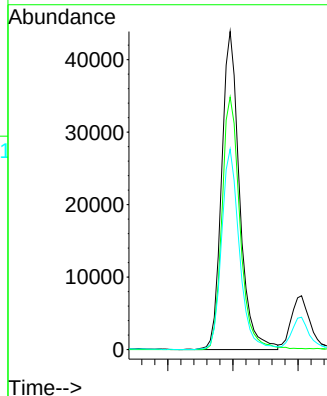
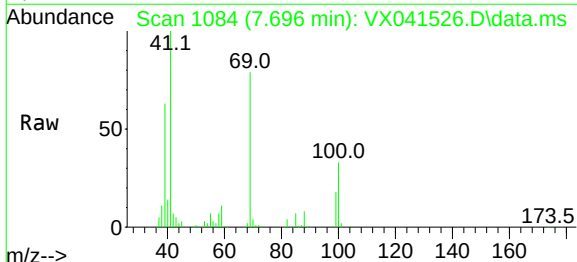
Manual Integrations
APPROVED

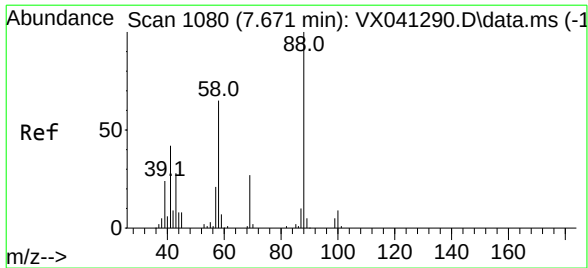
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#48
Methyl methacrylate
Concen: 65.325 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.8	59.2	88.8
39	62.6	47.7	71.5





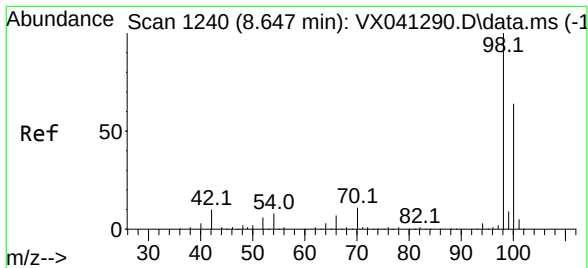
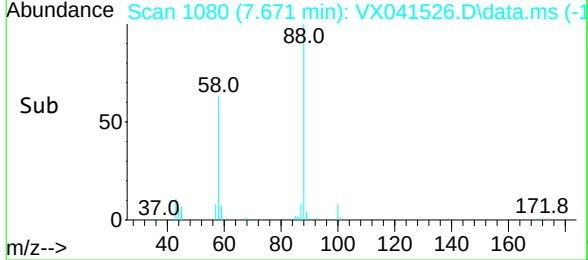
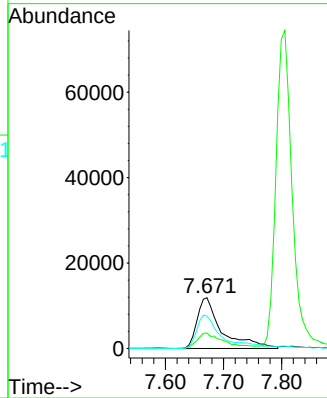
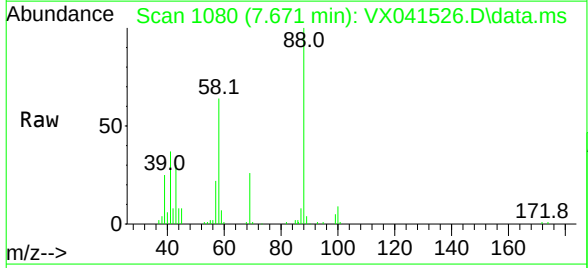
#49
1,4-Dioxane
Concen: 1254.373 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 34848
Ion Ratio Lower Upper
88 100
43 33.9 0.0 0.0#
58 65.6 60.1 90.1

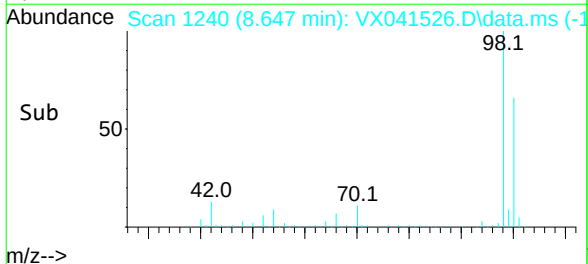
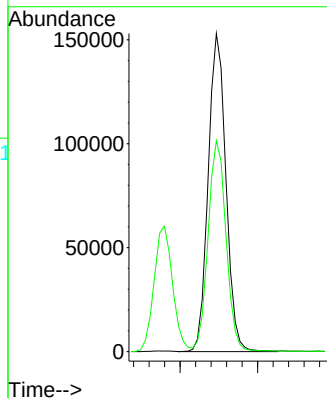
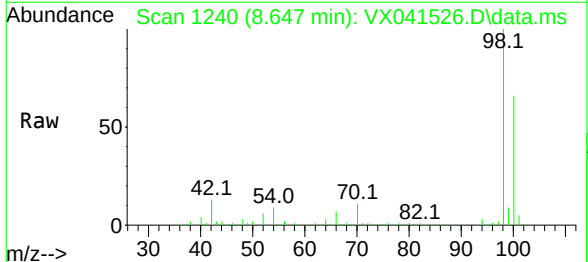
Manual Integrations
APPROVED

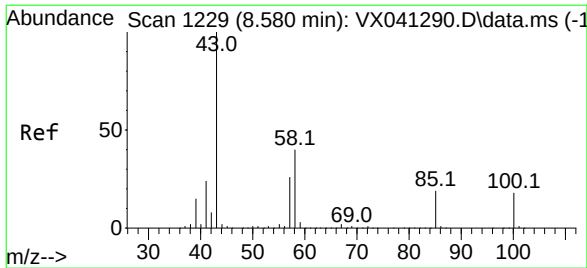
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#50
Toluene-d8
Concen: 61.472 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 98 Resp: 243114
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 349.592 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 588010

Ion Ratio Lower Upper

43 100

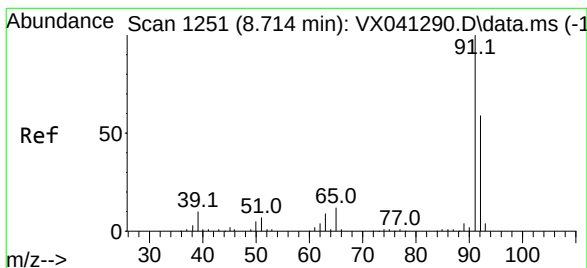
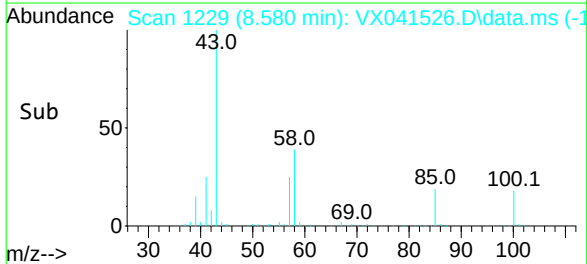
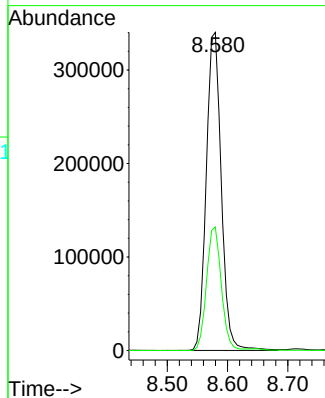
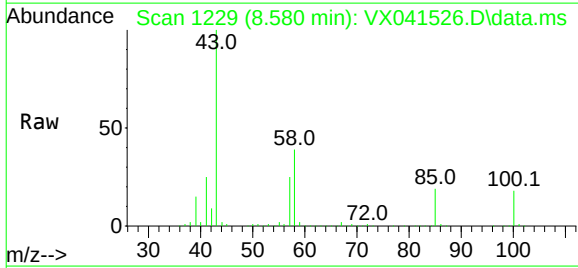
58 38.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#52

Toluene

Concen: 60.317 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX041526.D

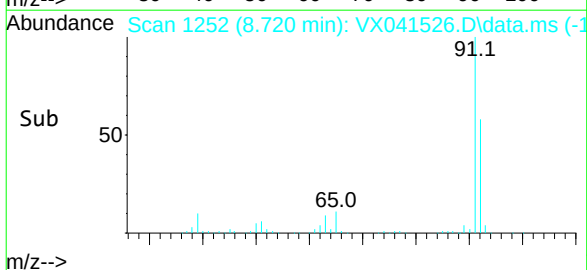
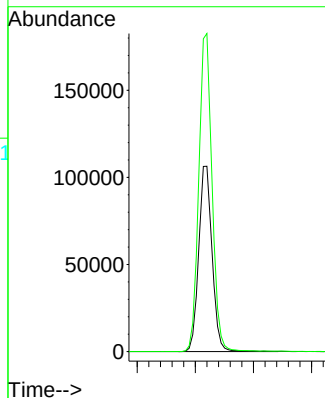
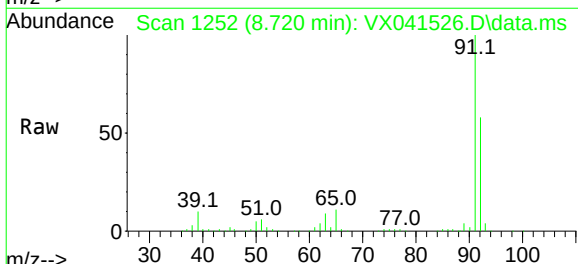
Acq: 14 May 2024 17:54

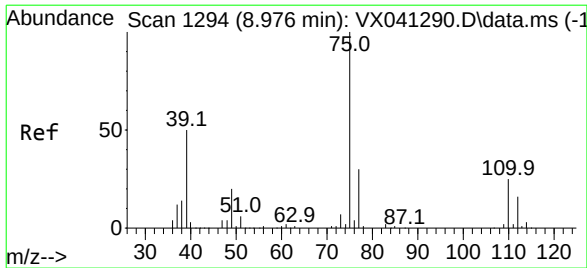
Tgt Ion: 92 Resp: 169951

Ion Ratio Lower Upper

92 100

91 170.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 65.215 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 94332

Ion Ratio Lower Upper

75 100

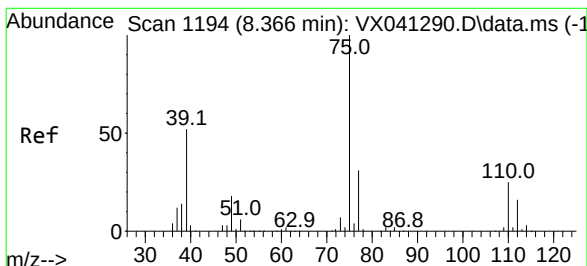
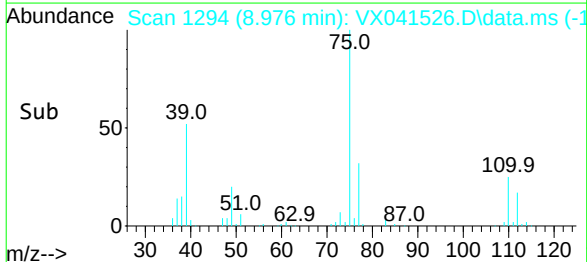
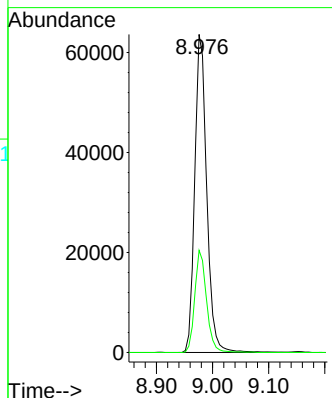
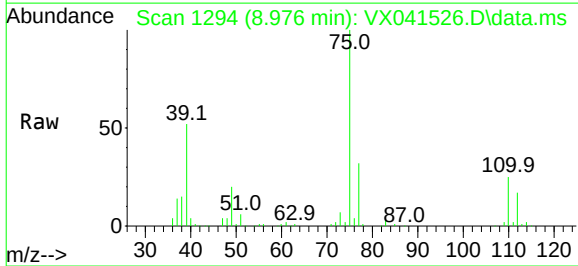
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#54

cis-1,3-Dichloropropene

Concen: 62.994 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

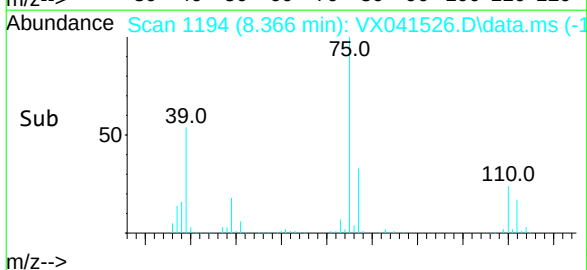
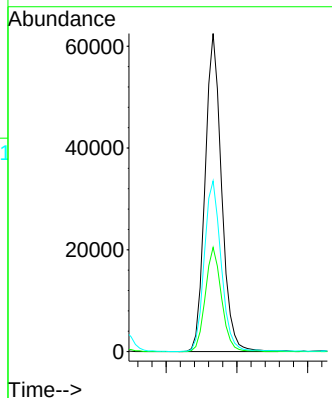
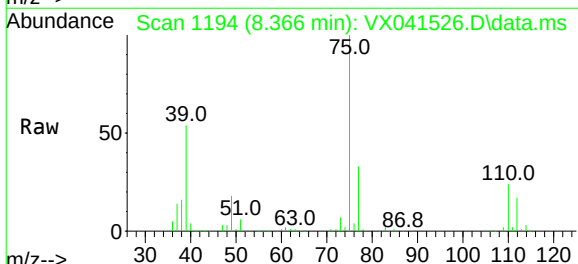
Tgt Ion: 75 Resp: 101103

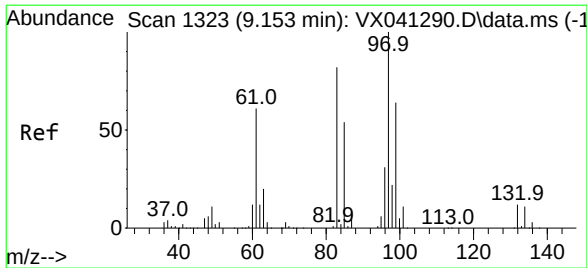
Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9

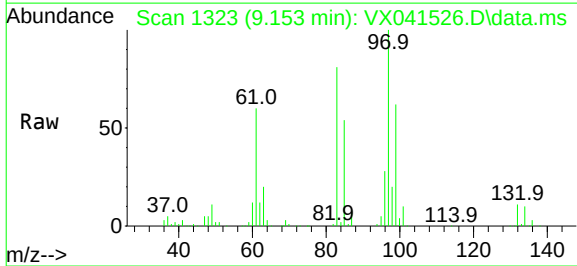
39 53.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 66.369 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

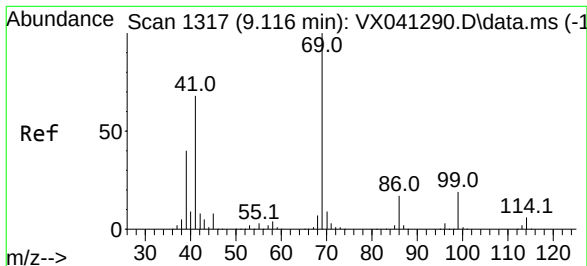
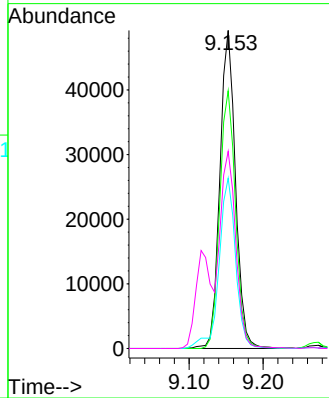
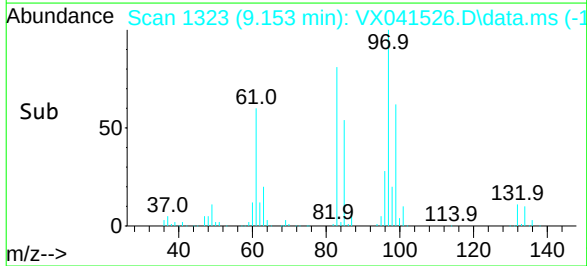
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



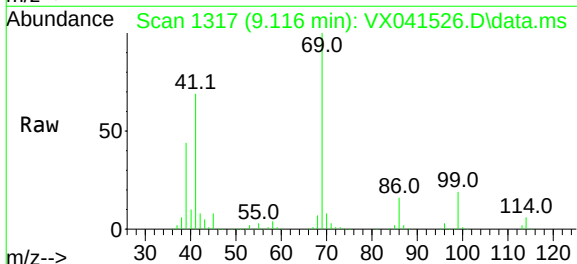
Tgt Ion:	97	Resp:	72017
Ion	Ratio	Lower	Upper
97	100		
83	81.0	65.8	98.8
85	53.5	41.6	62.4
99	62.0	47.8	71.8

Manual Integrations
APPROVED

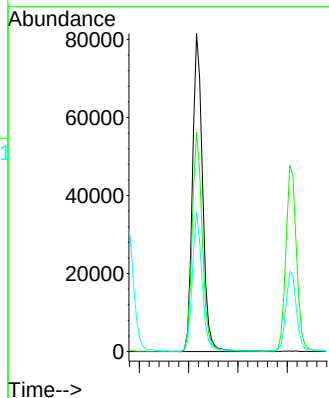
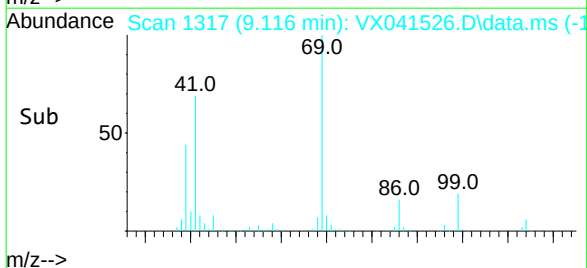
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

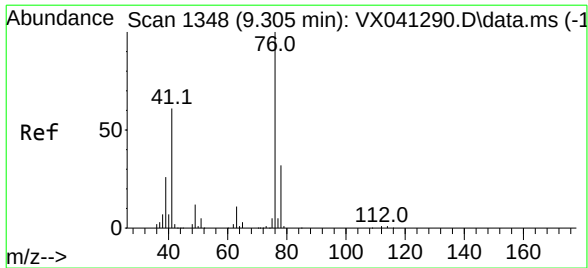


#56
Ethyl methacrylate
Concen: 69.236 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54



Tgt Ion:	69	Resp:	116271
Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.8	85.2
39	42.1	32.0	48.0





#57
1,3-Dichloropropane
Concen: 64.151 ug/l
RT: 9.311 min Scan# 13
Delta R.T. 0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

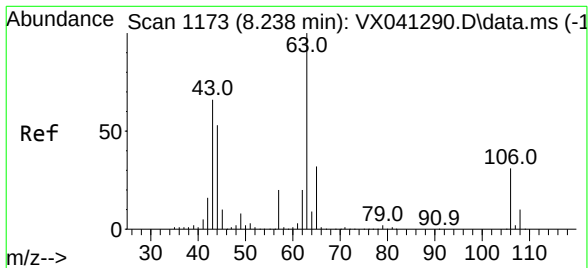
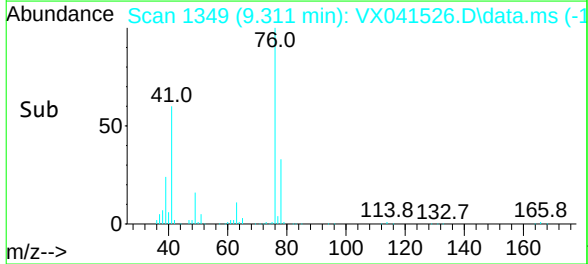
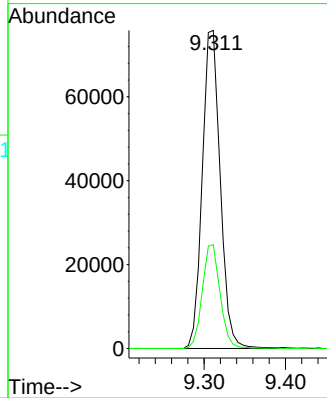
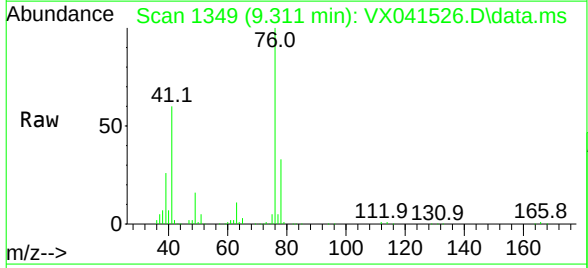
VSTDCCC050EC

Tgt Ion: 76 Resp: 116174
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

Manual Integrations

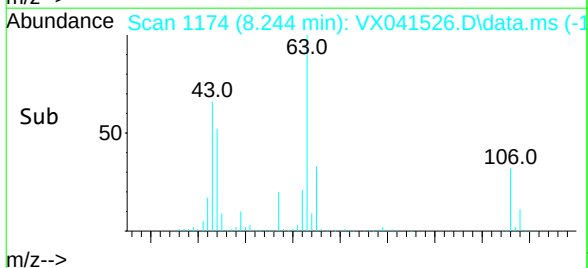
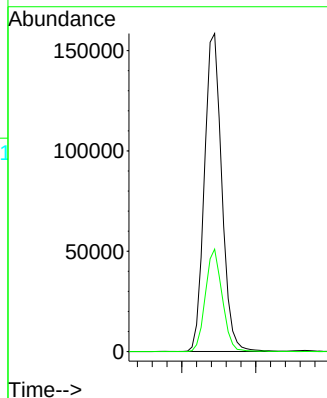
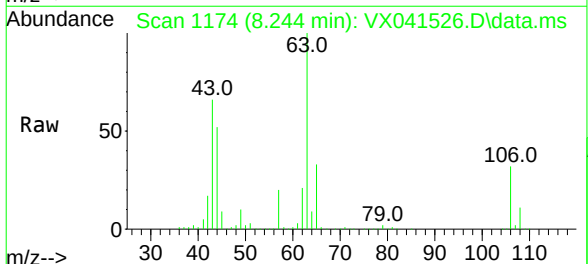
APPROVED

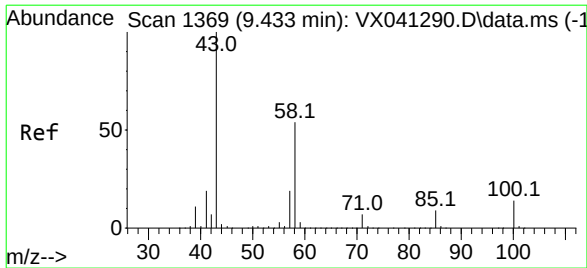
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 317.261 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 63 Resp: 258337
Ion Ratio Lower Upper
63 100
106 31.3 22.5 33.7





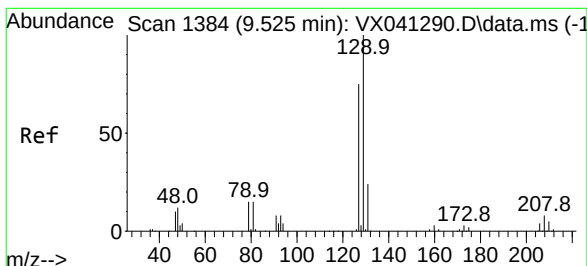
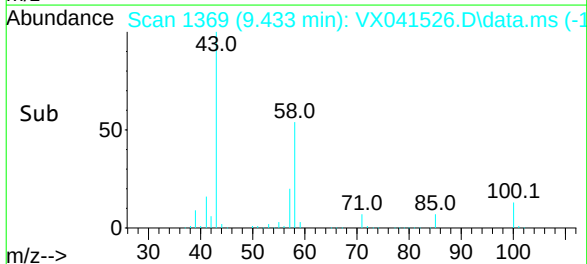
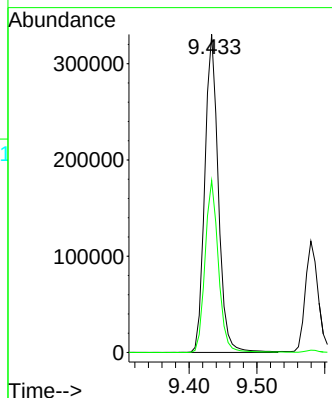
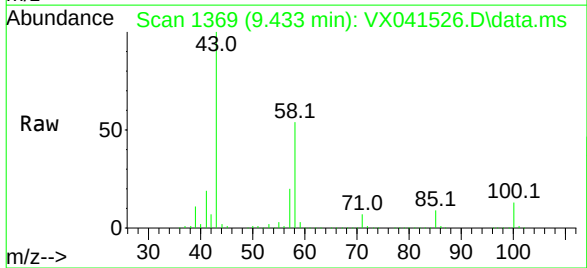
#59
2-Hexanone
Concen: 339.398 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 456482
Ion Ratio Lower Upper
43 100
58 53.5 26.2 78.5

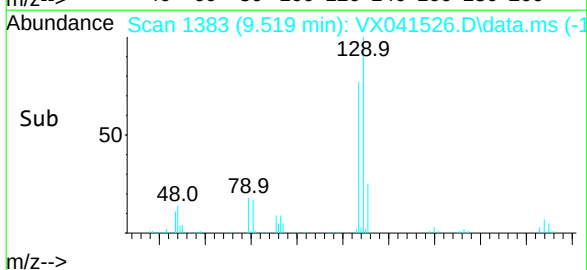
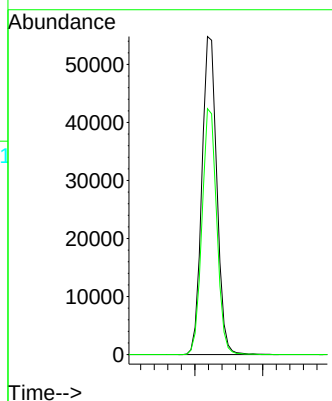
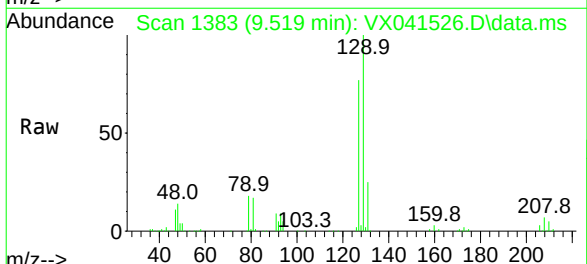
Manual Integrations
APPROVED

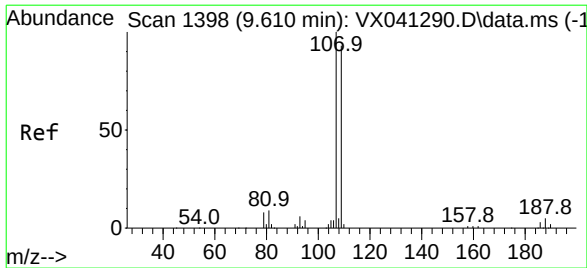
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
Dibromochloromethane
Concen: 65.762 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

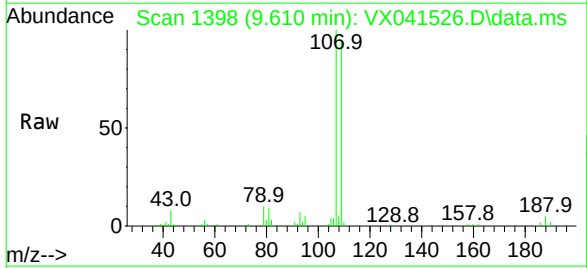
Tgt Ion:129 Resp: 84006
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 63.214 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

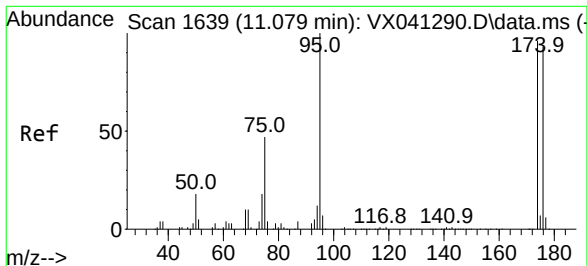
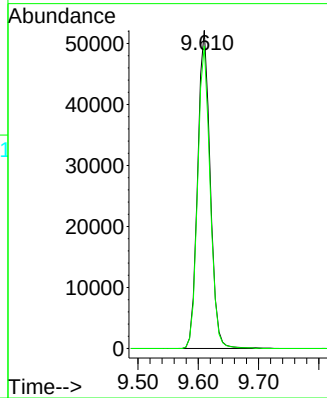
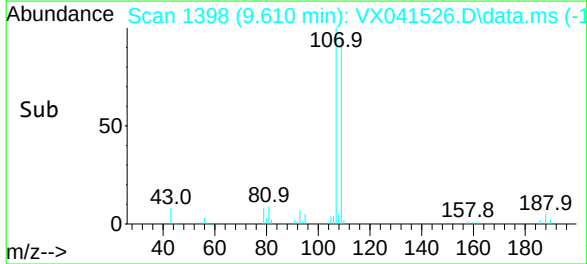
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



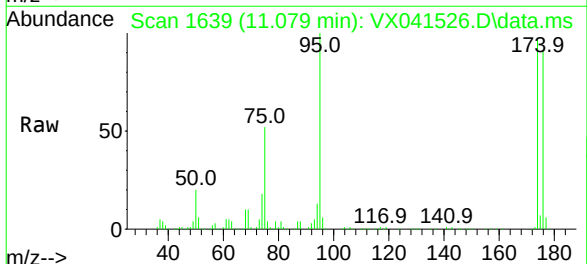
Tgt Ion:107 Resp: 75463
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

Manual Integrations
APPROVED

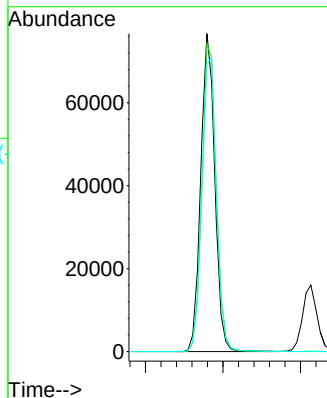
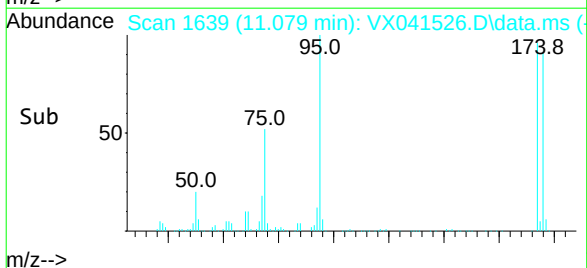
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

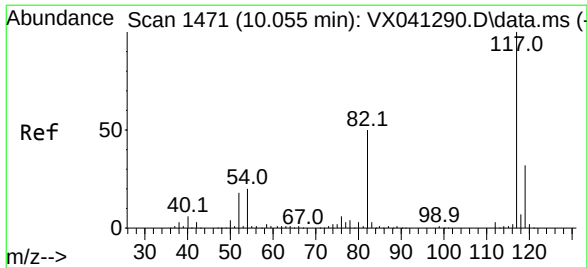


#62
4-Bromofluorobenzene
Concen: 62.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54



Tgt Ion: 95 Resp: 96301
Ion Ratio Lower Upper
95 100
174 98.9 0.0 135.6
176 95.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

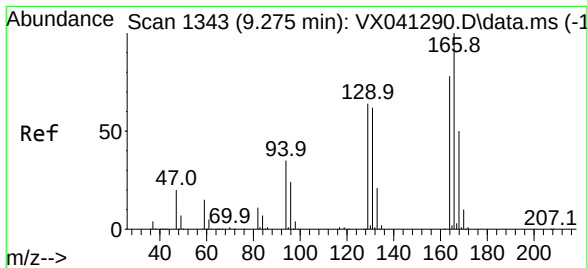
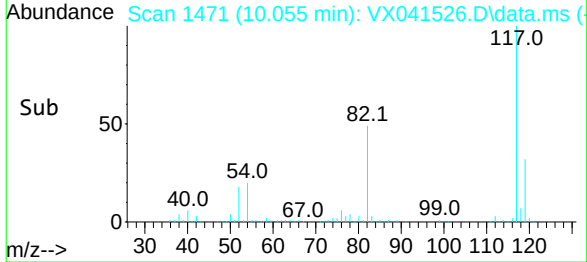
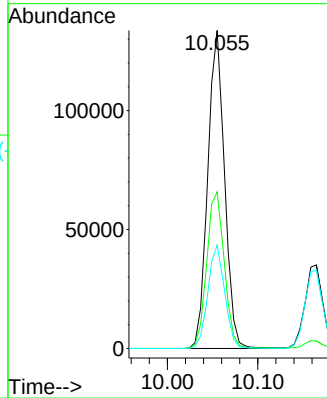
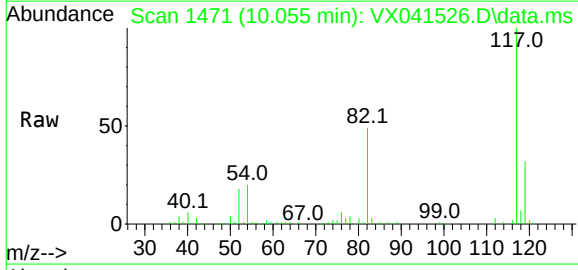
Tgt Ion:	117	Resp:	172700
Ion	Ratio	Lower	Upper
117	100		
82	49.3	46.2	69.4
119	32.5	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#64

Tetrachloroethene

Concen: 56.314 ug/l

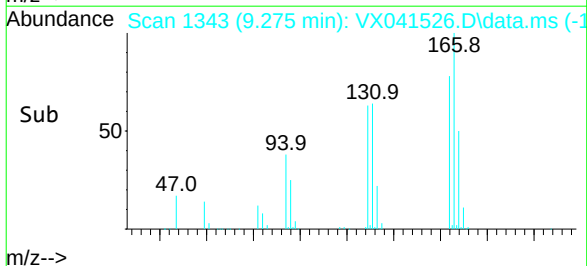
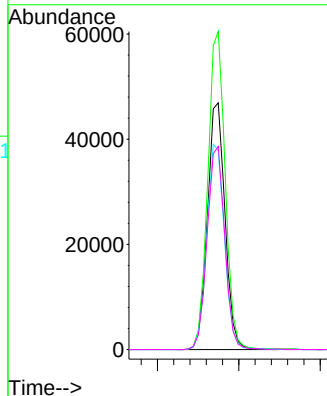
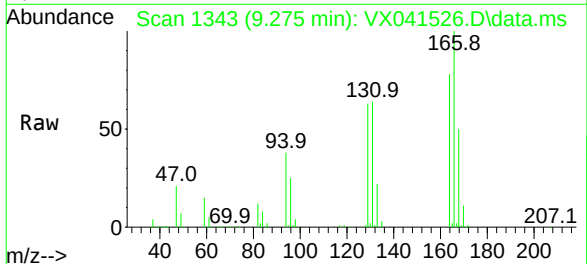
RT: 9.275 min Scan# 1343

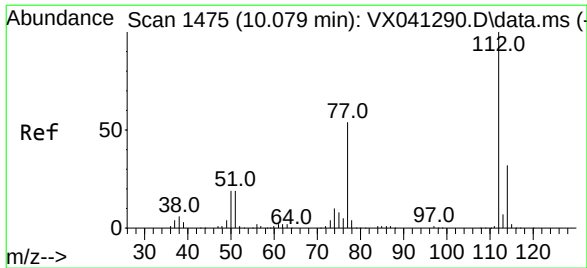
Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion:	164	Resp:	70425
Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.7	154.1
129	80.7	80.4	120.6
131	82.3	76.5	114.7





#65

Chlorobenzene

Concen: 57.469 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 201478

Ion Ratio Lower Upper

112 100

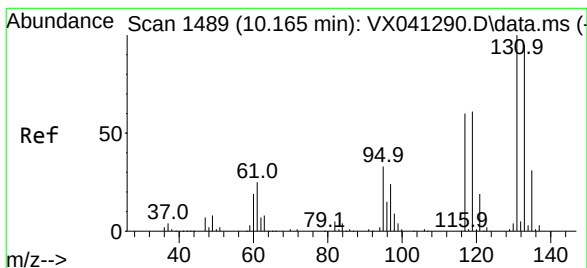
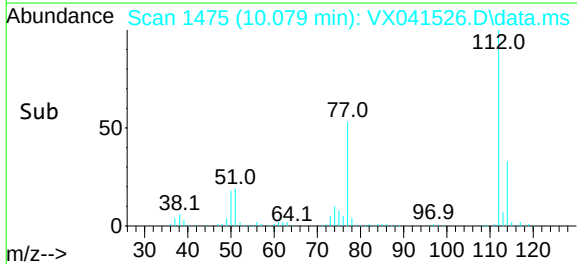
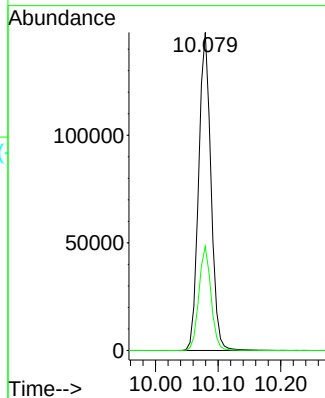
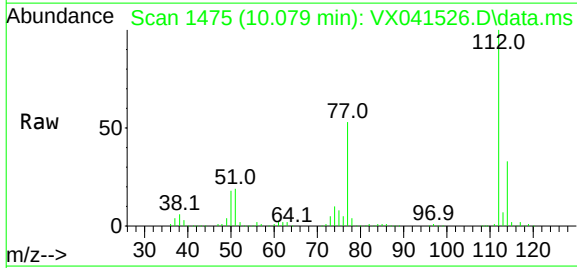
114 32.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 60.163 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

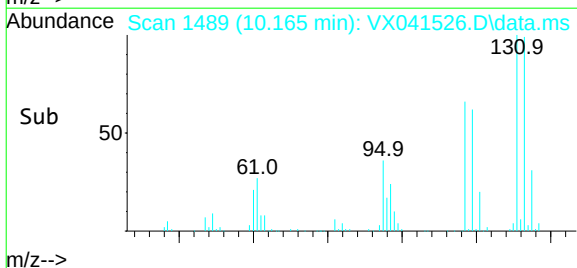
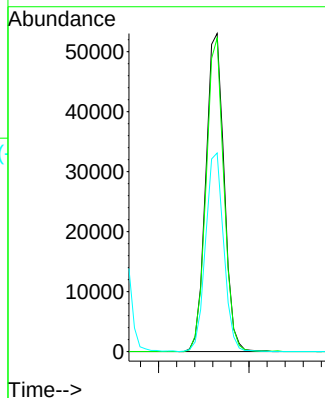
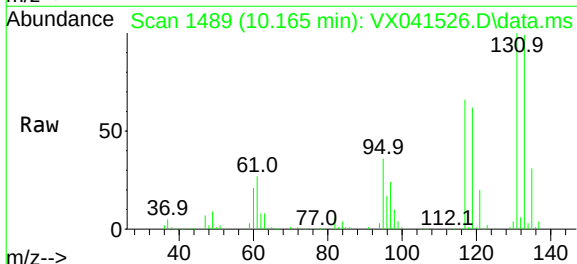
Tgt Ion:131 Resp: 74528

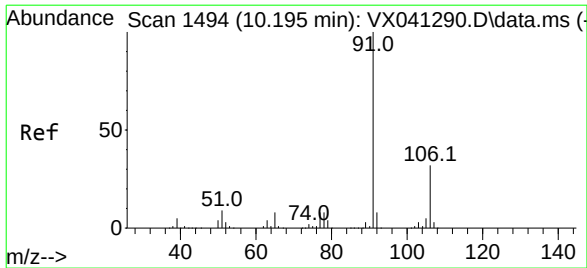
Ion Ratio Lower Upper

131 100

133 95.3 47.1 141.4

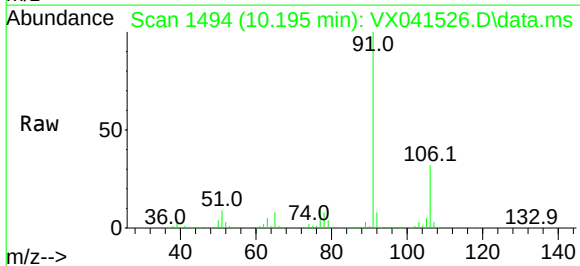
119 61.9 32.2 96.6





#67
Ethyl Benzene
Concen: 57.224 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

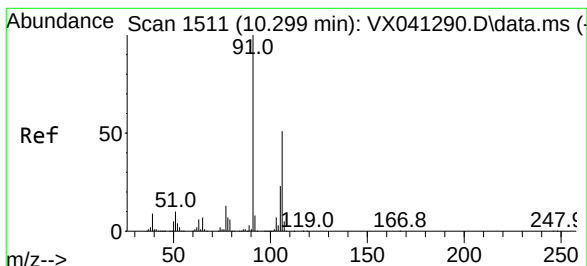
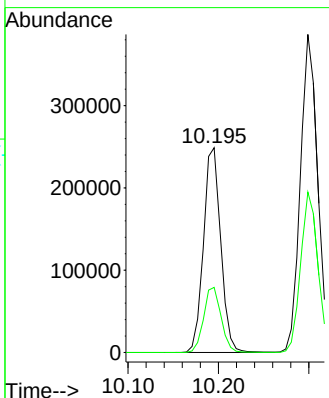
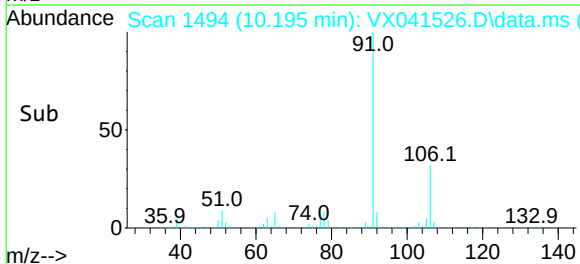
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 330996
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

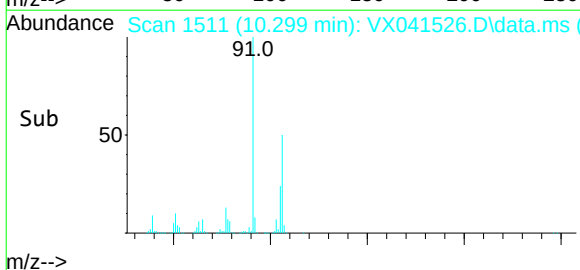
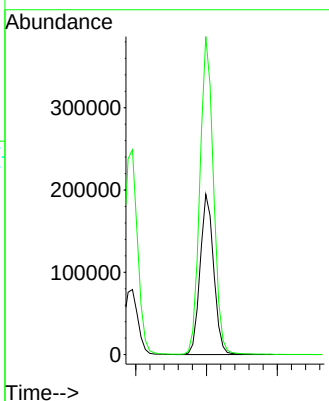
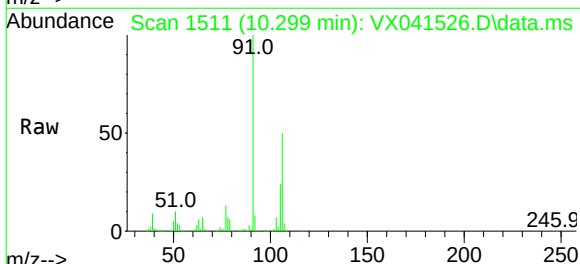
Manual Integrations
APPROVED

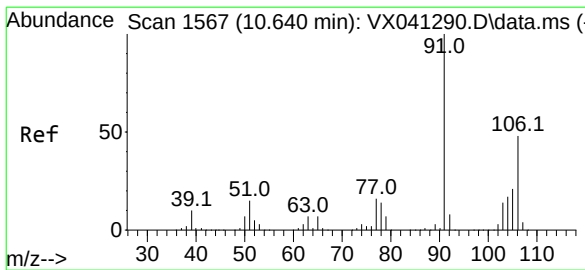
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
m/p-Xylenes
Concen: 112.258 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion:106 Resp: 260024
Ion Ratio Lower Upper
106 100
91 198.7 165.5 248.3





#69

o-Xylene

Concen: 59.052 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 130968

Ion Ratio Lower Upper

106 100

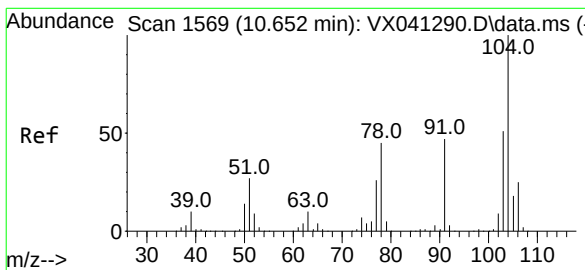
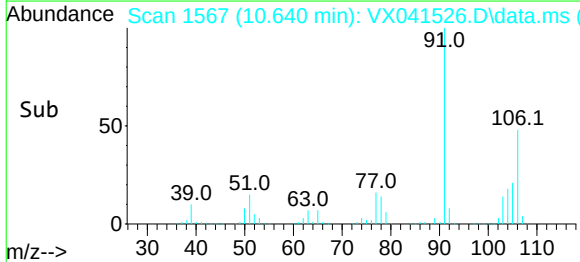
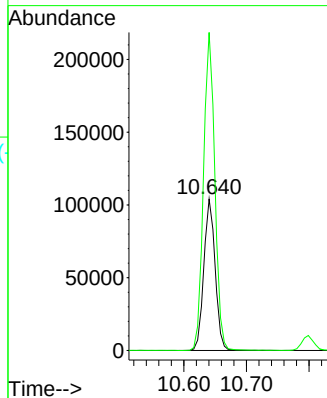
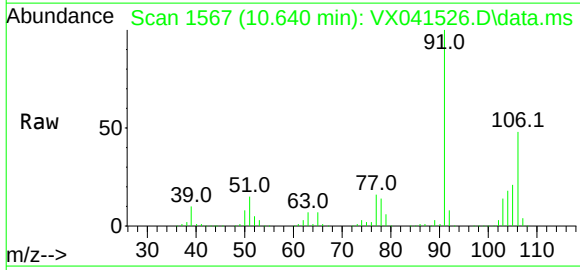
91 209.6 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Styrene

Concen: 61.795 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

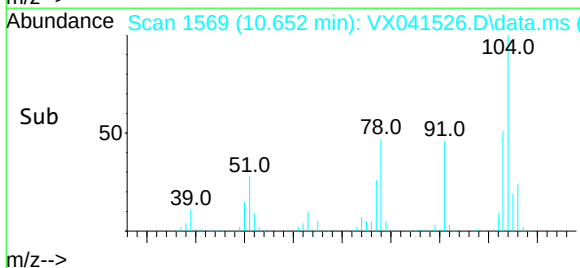
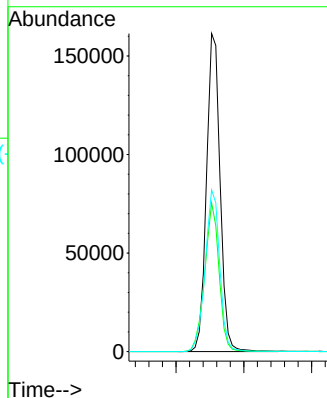
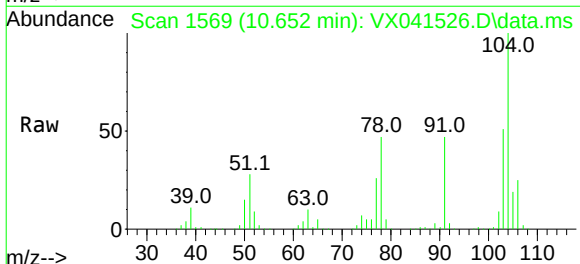
Tgt Ion:104 Resp: 224888

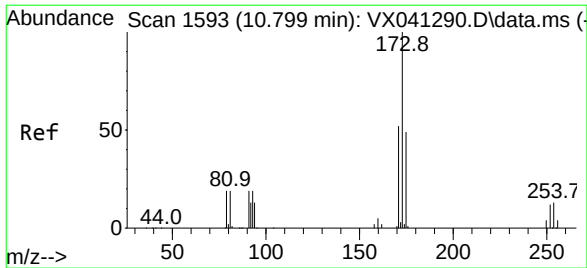
Ion Ratio Lower Upper

104 100

78 49.2 43.6 65.4

103 54.6 43.6 65.4





#71

Bromoform

Concen: 61.016 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

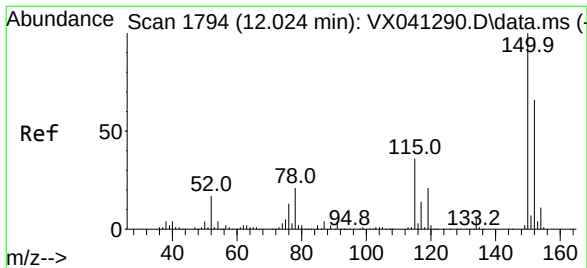
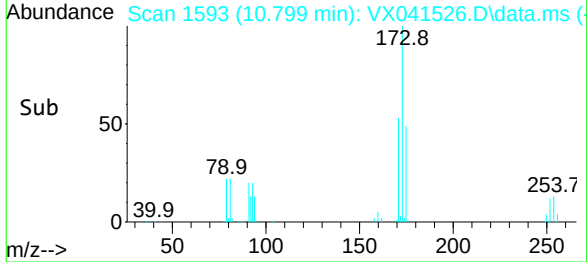
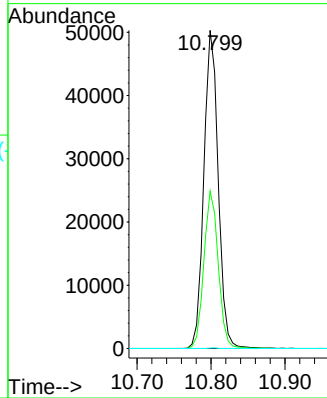
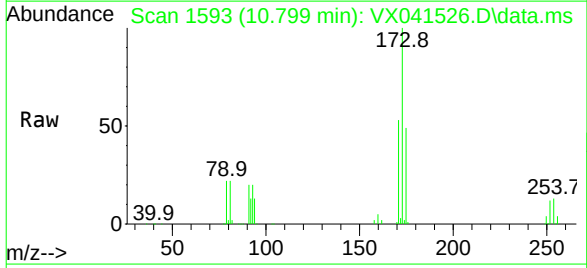
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.4
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

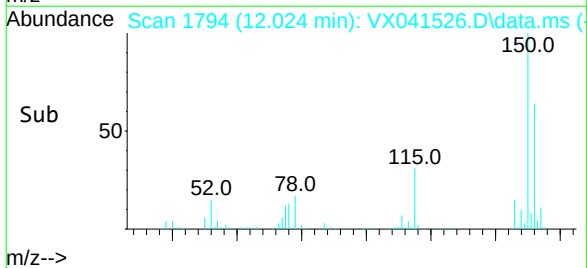
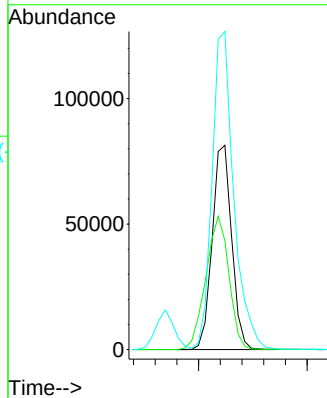
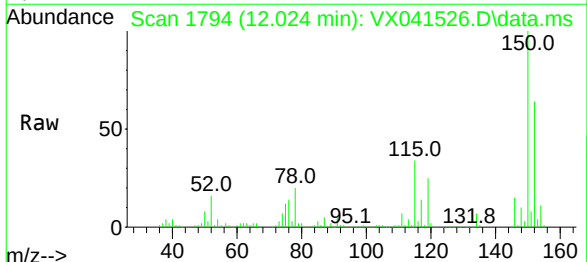
RT: 12.024 min Scan# 1794

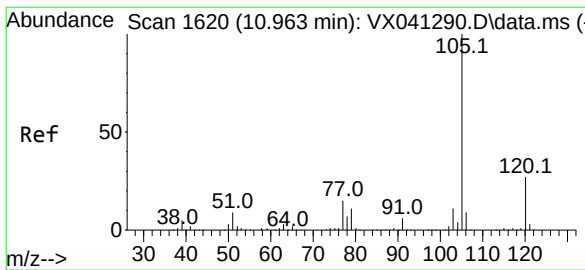
Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.5	43.3	129.9
150	173.1	0.0	345.0





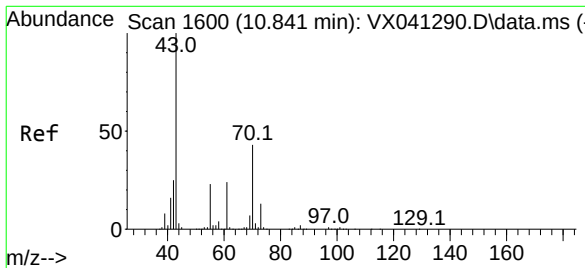
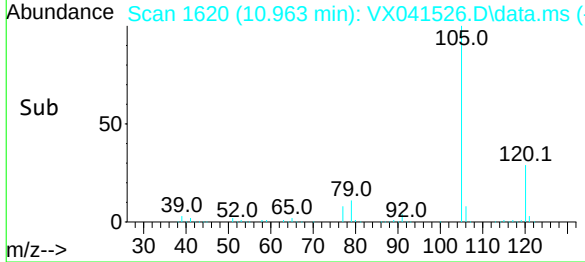
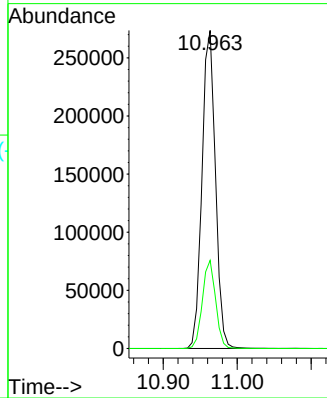
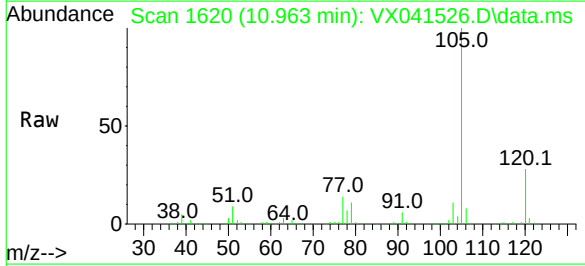
#73
Isopropylbenzene
Concen: 55.681 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 344585
Ion Ratio Lower Upper
105 100
120 27.2 12.9 38.6

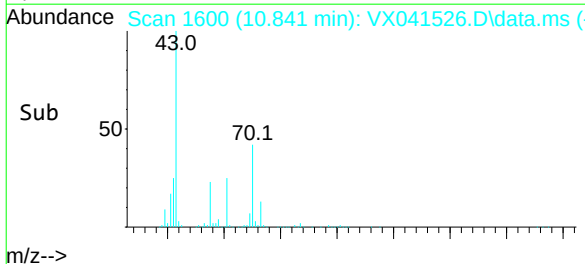
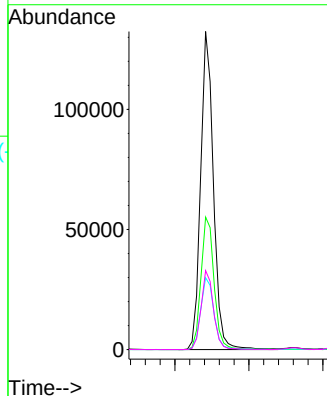
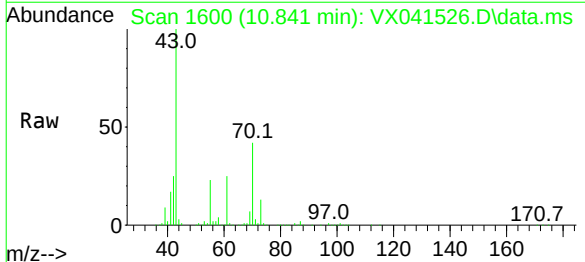
Manual Integrations
APPROVED

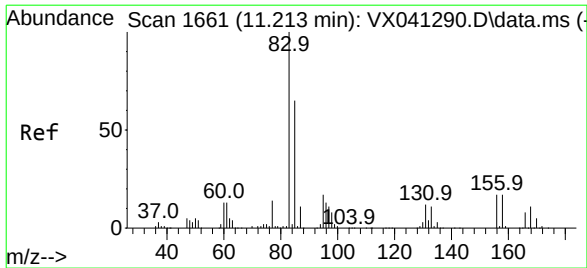
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#74
N-ethyl acetate
Concen: 58.842 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 43 Resp: 159095
Ion Ratio Lower Upper
43 100
70 42.8 32.9 49.3
55 23.5 19.3 28.9
61 24.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 59.557 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

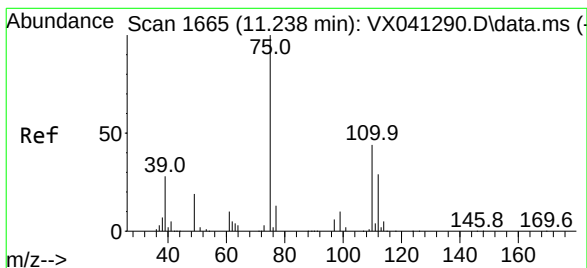
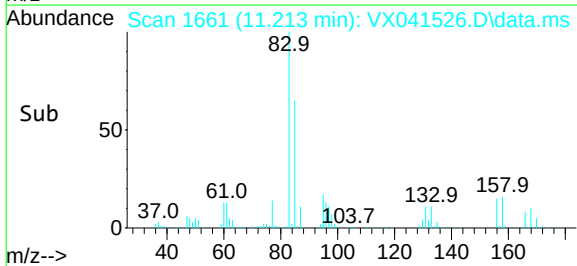
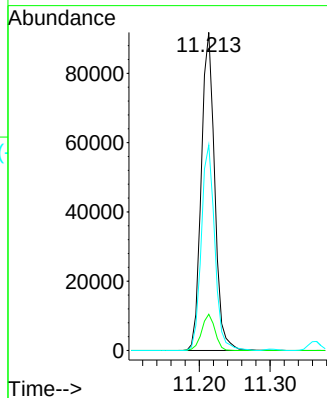
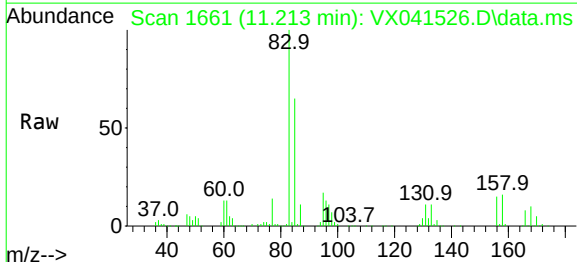
Tgt Ion:	83	Resp:	120774
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	15.8
85	65.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#76

1,2,3-Trichloropropane

Concen: 59.684 ug/l m

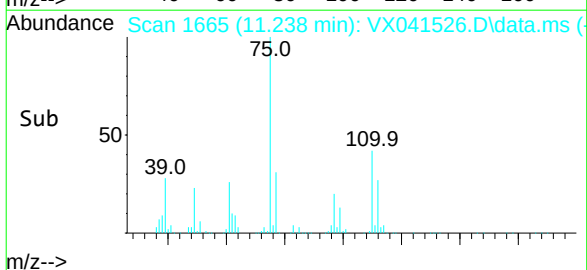
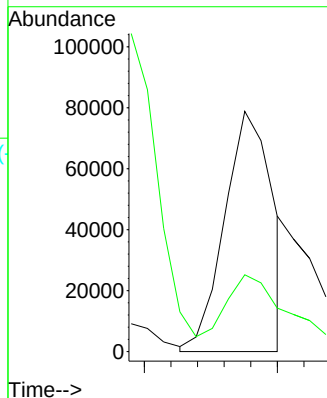
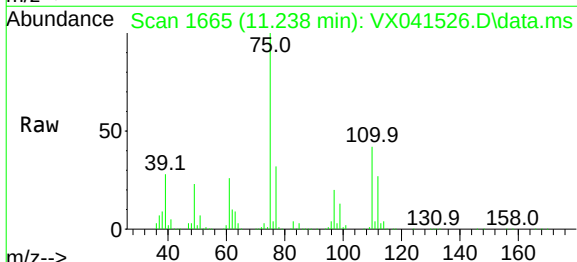
RT: 11.238 min Scan# 1665

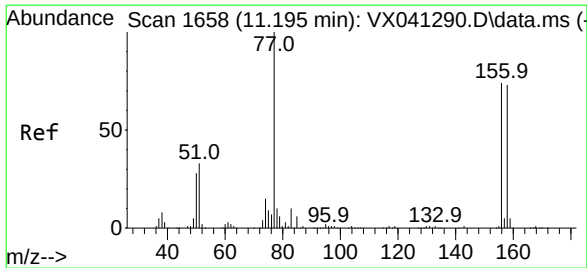
Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

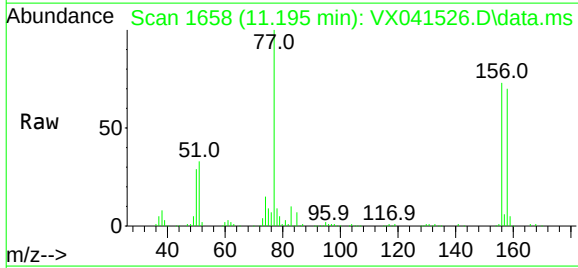
Tgt Ion:	75	Resp:	98612
Ion	Ratio	Lower	Upper
75	100		
77	43.5	19.1	57.5





#77
Bromobenzene
Concen: 57.102 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

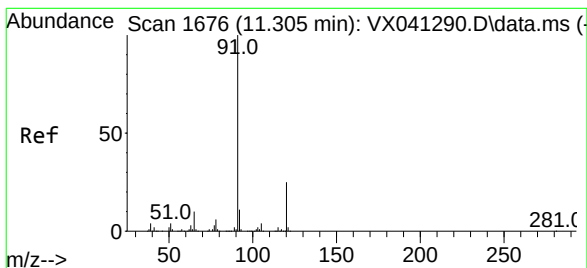
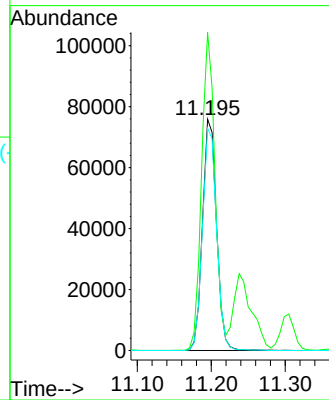
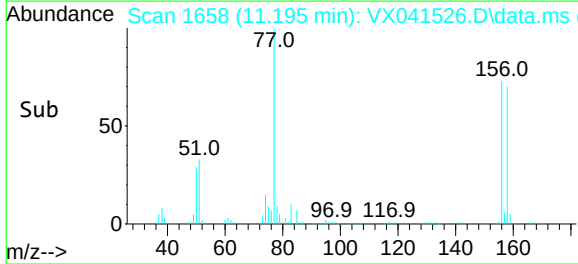
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 99738
Ion Ratio Lower Upper
156 100
77 131.4 88.4 265.3
158 97.2 48.0 144.0

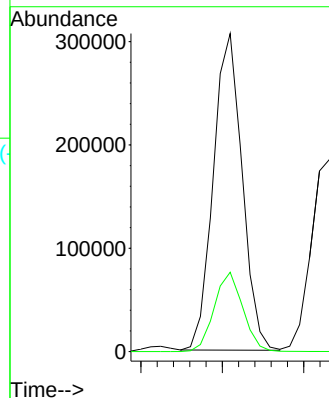
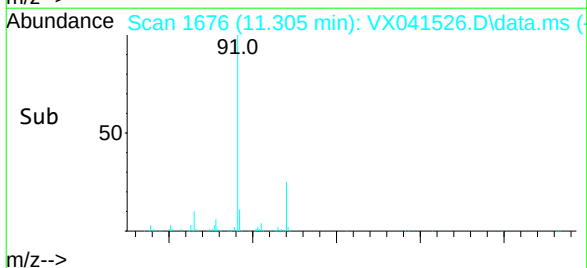
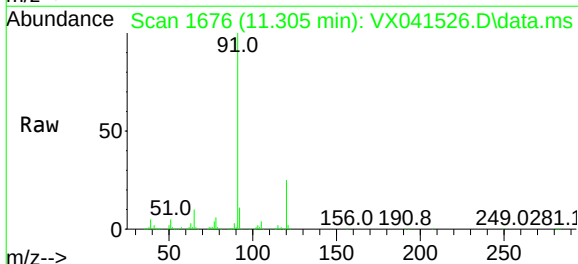
Manual Integrations
APPROVED

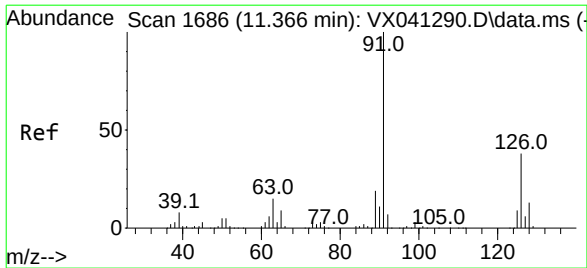
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#78
n-propylbenzene
Concen: 58.062 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 91 Resp: 377396
Ion Ratio Lower Upper
91 100
120 24.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 56.048 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 234765

Ion Ratio Lower Upper

91 100

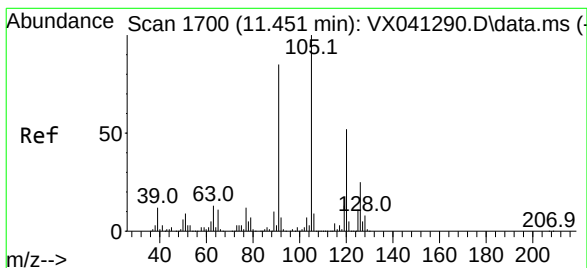
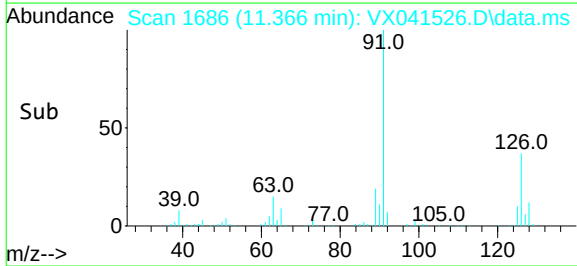
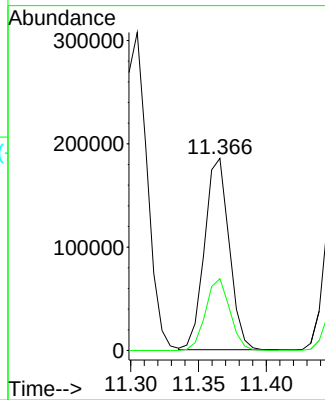
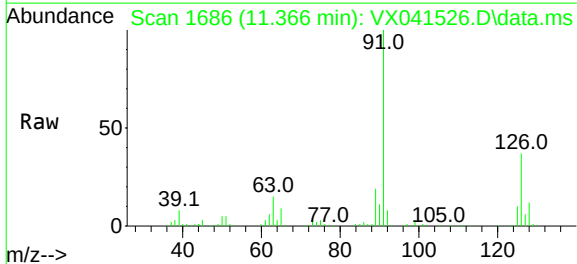
126 37.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 57.059 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041526.D

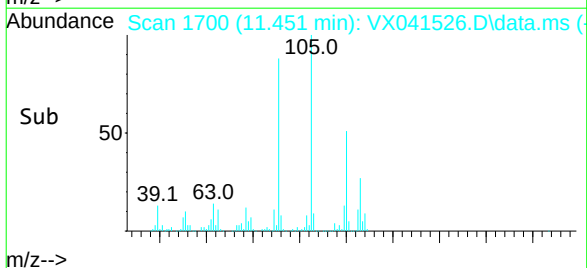
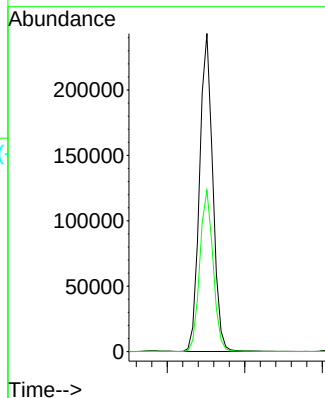
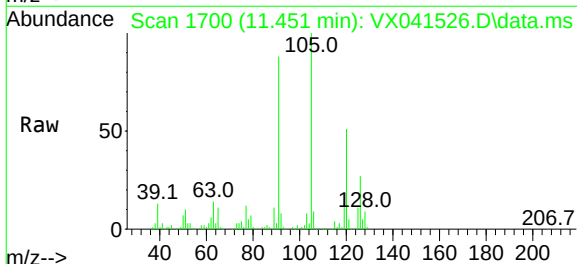
Acq: 14 May 2024 17:54

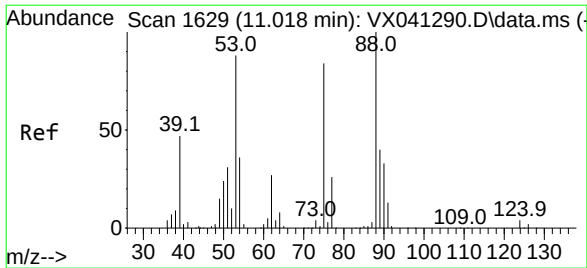
Tgt Ion:105 Resp: 287861

Ion Ratio Lower Upper

105 100

120 51.2 24.1 72.3





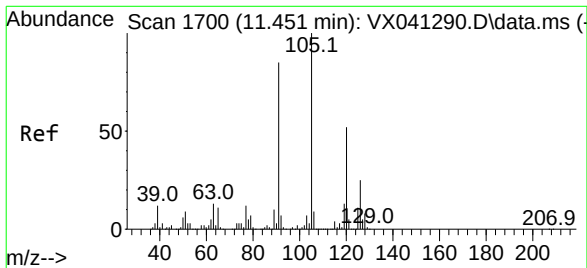
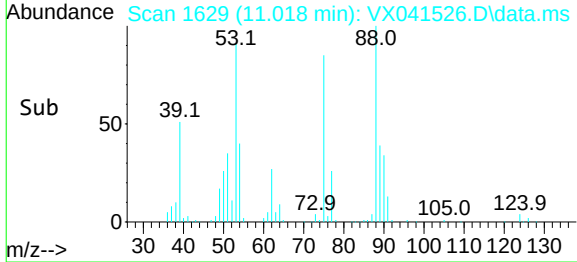
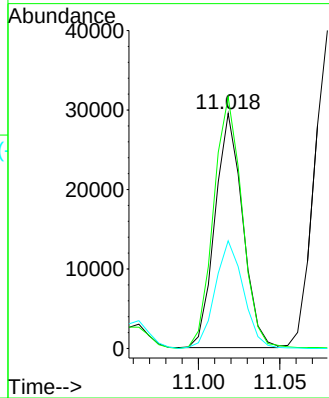
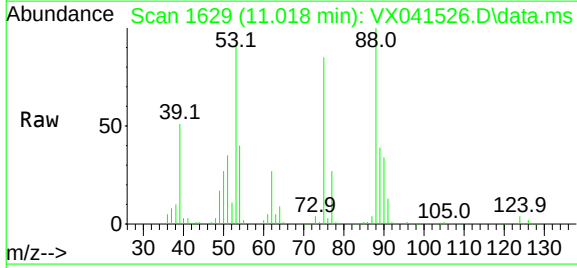
#81
trans-1,4-Dichloro-2-butene
Concen: 57.245 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	111.8	90.5	135.7
89	47.3	36.9	55.3

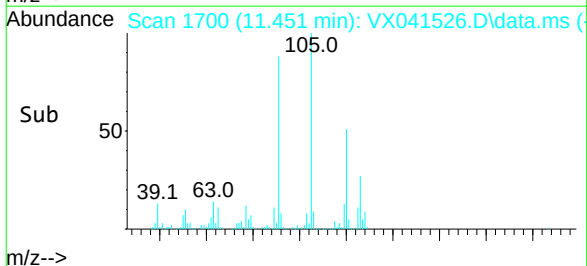
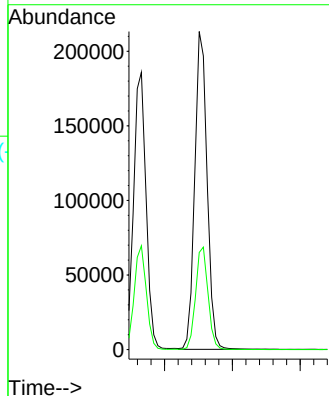
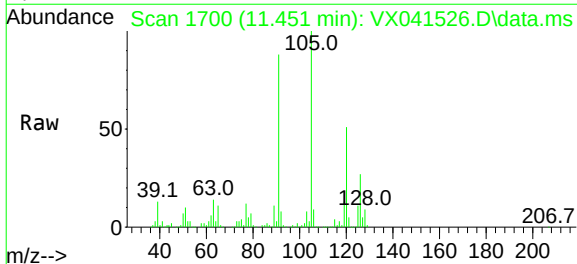
Manual Integrations
APPROVED

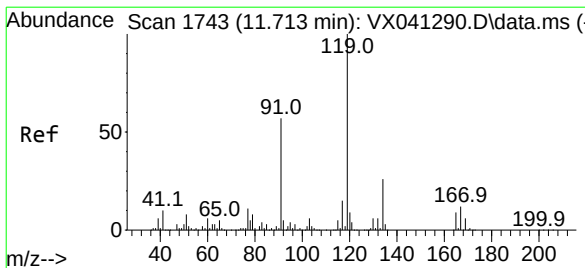
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#82
4-Chlorotoluene
Concen: 56.574 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	14.2	42.6





#83

tert-Butylbenzene

Concen: 57.909 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

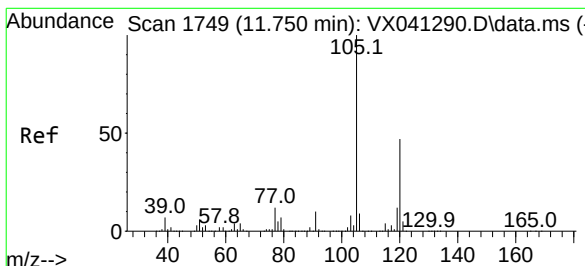
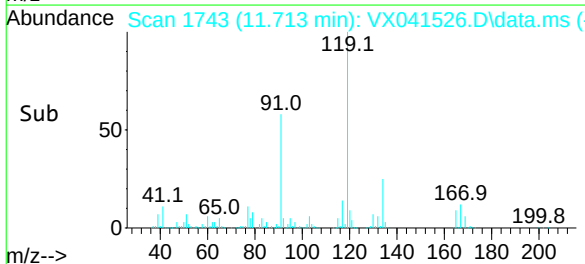
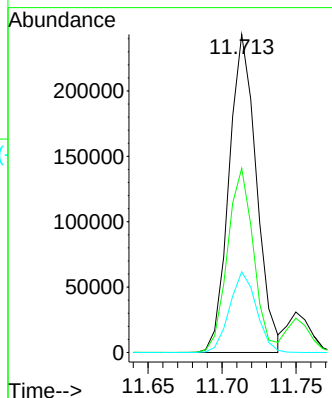
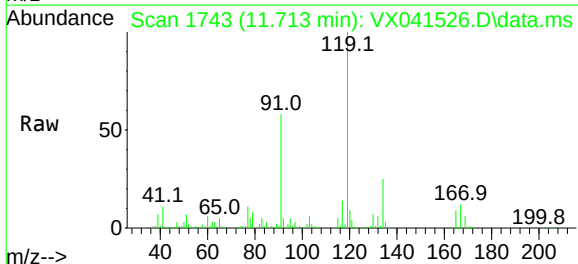
Tgt Ion:	119	Resp:	312846
Ion	Ratio	Lower	Upper
119	100		
91	55.4	31.2	93.6
134	24.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 57.571 ug/l

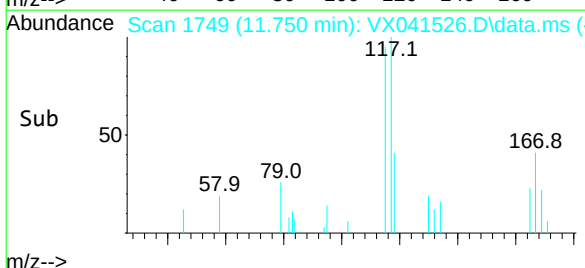
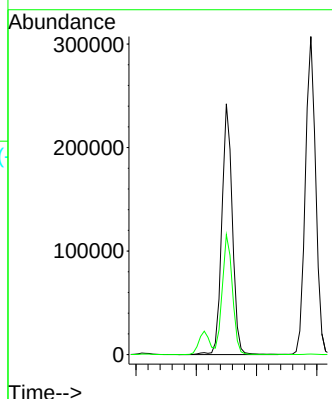
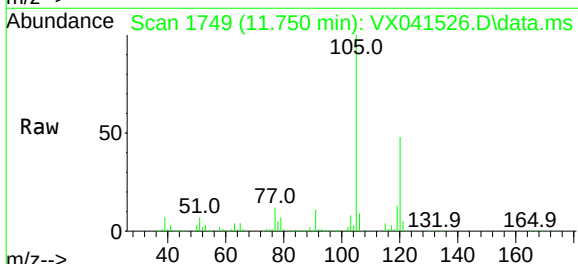
RT: 11.750 min Scan# 1749

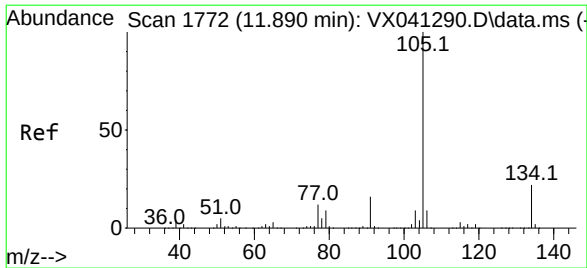
Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion:	105	Resp:	292244
Ion	Ratio	Lower	Upper
105	100		
120	46.1	21.2	63.6





#85

sec-Butylbenzene

Concen: 58.845 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

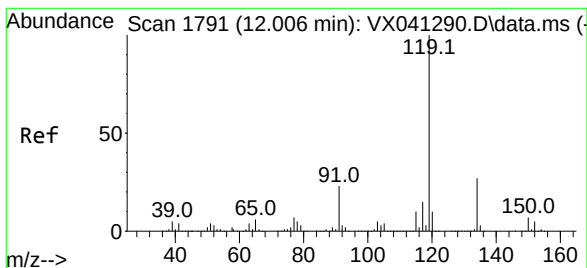
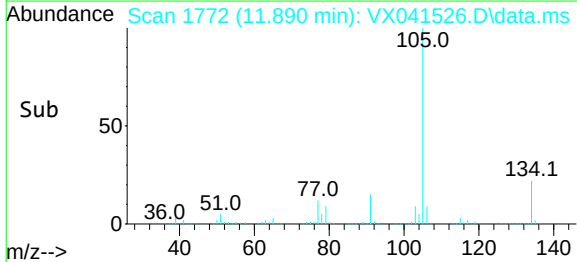
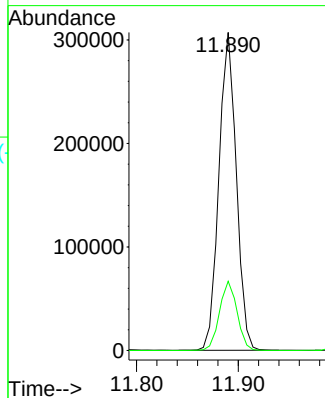
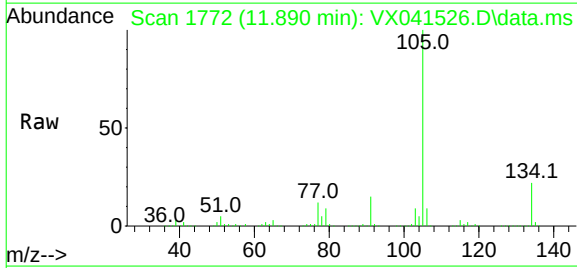
Tgt Ion:105 Resp: 364317
 Ion Ratio Lower Upper
 105 100
 134 22.1 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#86

p-Isopropyltoluene

Concen: 58.274 ug/l

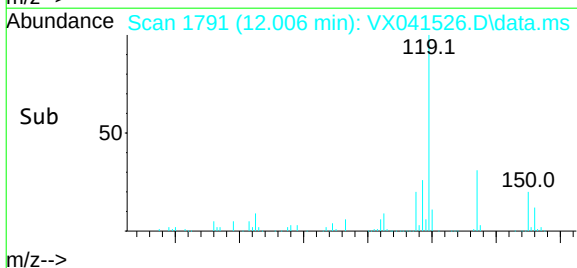
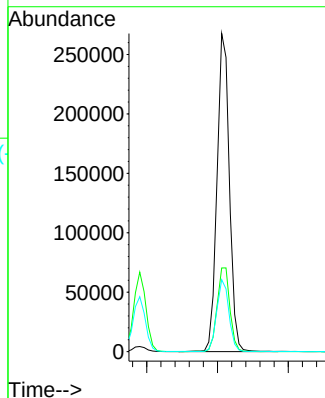
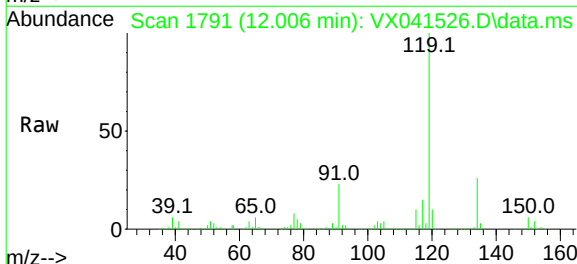
RT: 12.006 min Scan# 1791

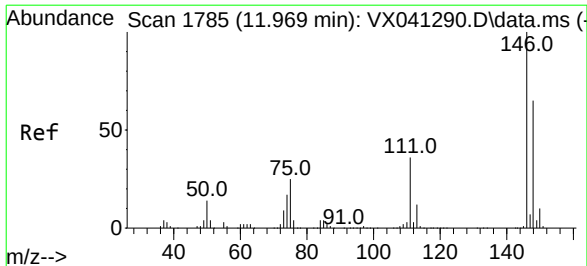
Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

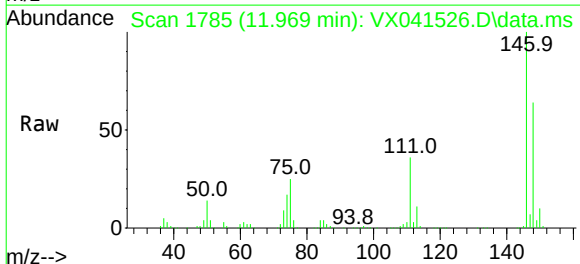
Tgt Ion:119 Resp: 324025
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 22.2 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 57.048 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

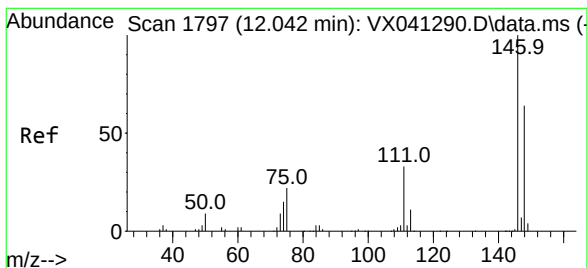
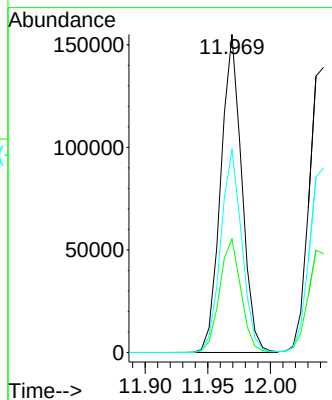
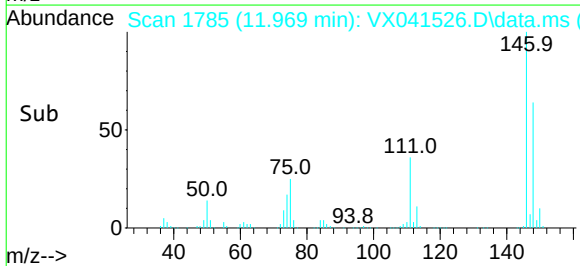
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 181116
Ion Ratio Lower Upper
146 100
111 36.4 22.1 66.1
148 64.1 31.8 95.3

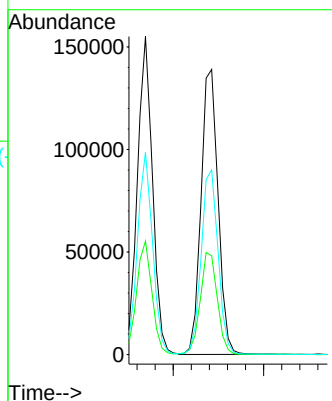
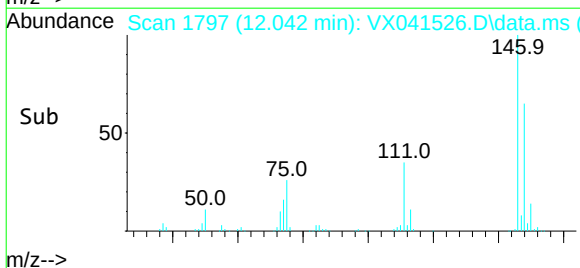
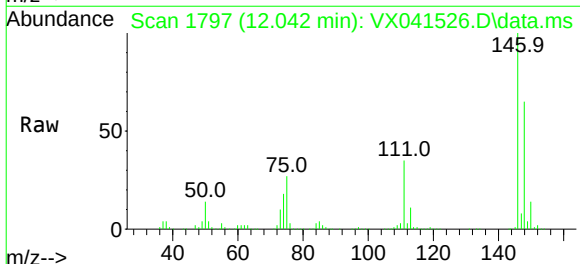
Manual Integrations
APPROVED

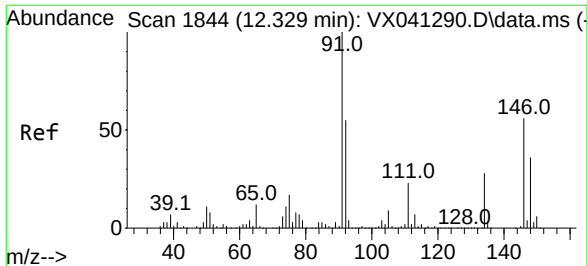
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#88
1,4-Dichlorobenzene
Concen: 55.638 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion:146 Resp: 181989
Ion Ratio Lower Upper
146 100
111 35.8 21.3 63.7
148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 57.558 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

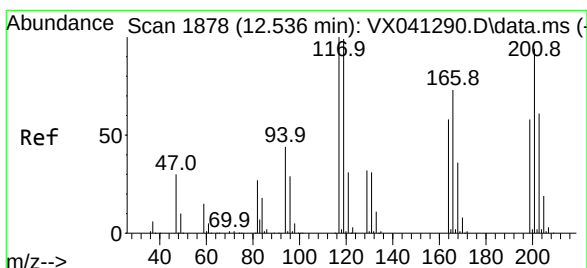
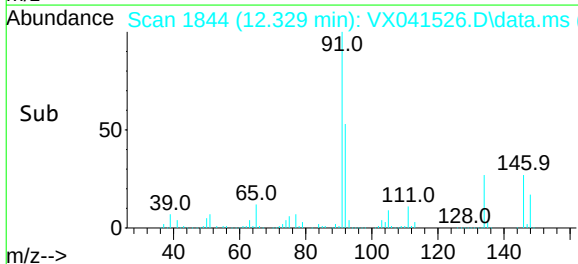
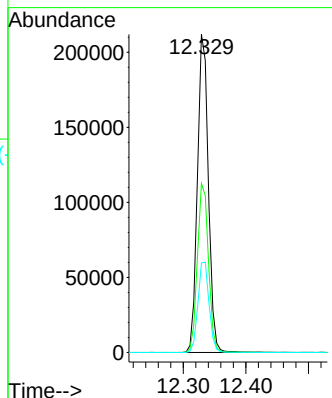
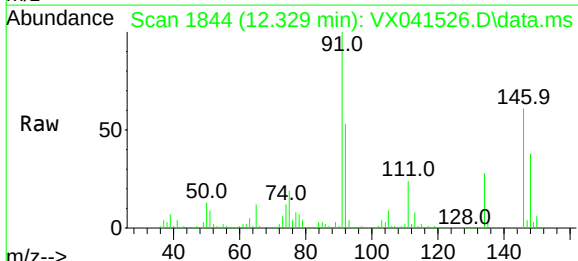
Tgt Ion:	91	Resp:	257349
Ion Ratio	Lower	Upper	
91	100		
92	53.9	27.4	82.0
134	29.0	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#90

Hexachloroethane

Concen: 58.040 ug/l

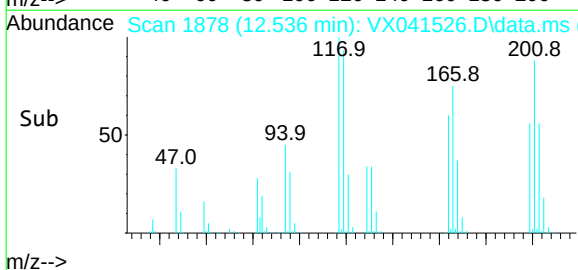
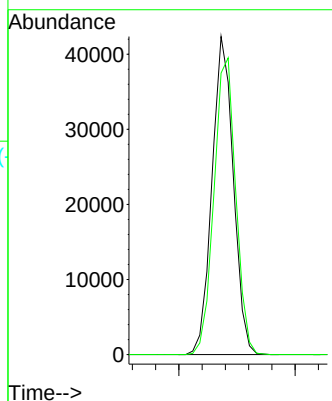
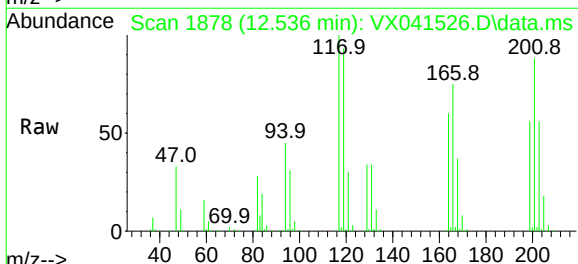
RT: 12.536 min Scan# 1878

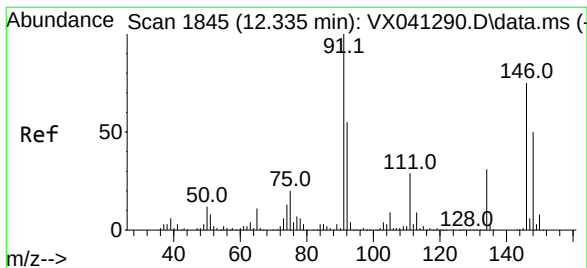
Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion:	117	Resp:	53970
Ion Ratio	Lower	Upper	
117	100		
201	95.2	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 55.835 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041526.D

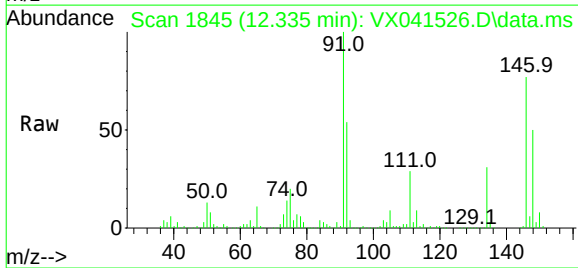
Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 187234

Ion Ratio Lower Upper

146 100

111 37.6 22.4 67.0

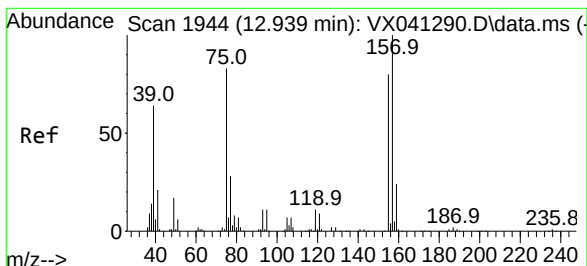
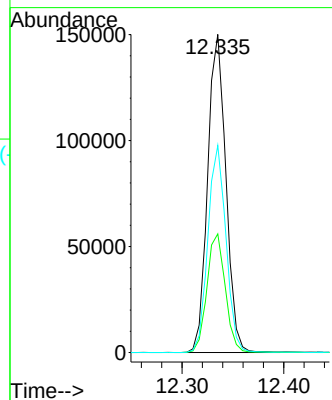
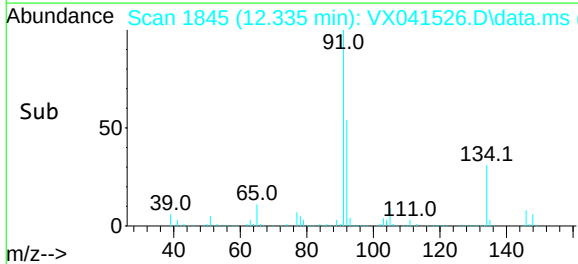
148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.575 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

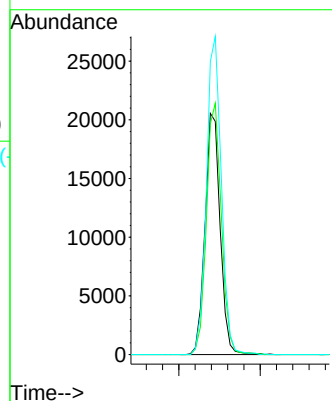
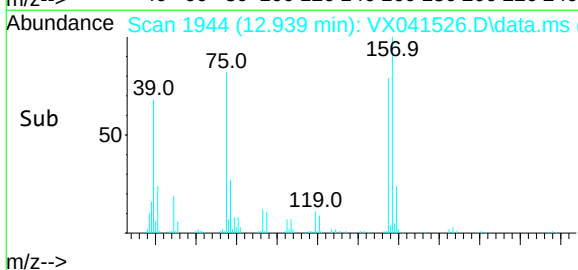
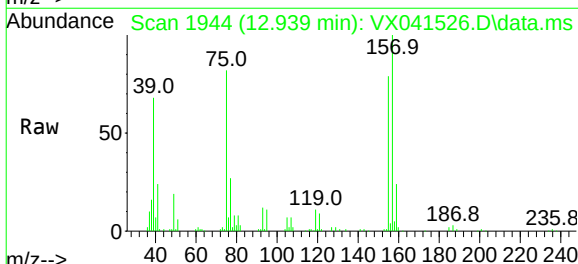
Tgt Ion: 75 Resp: 26511

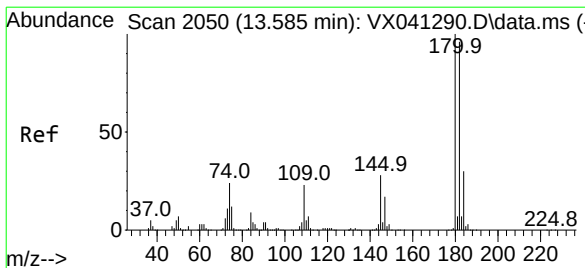
Ion Ratio Lower Upper

75 100

155 103.1 36.1 108.5

157 129.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.205 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

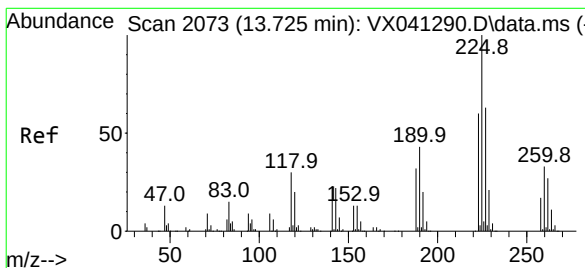
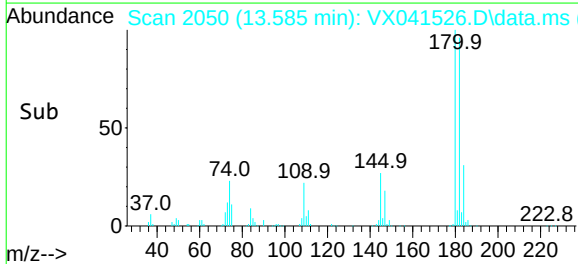
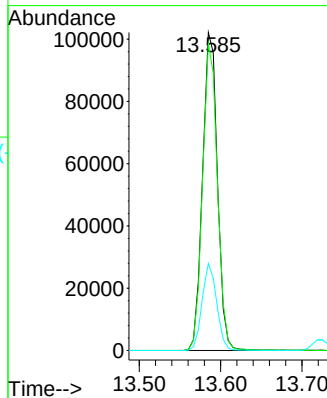
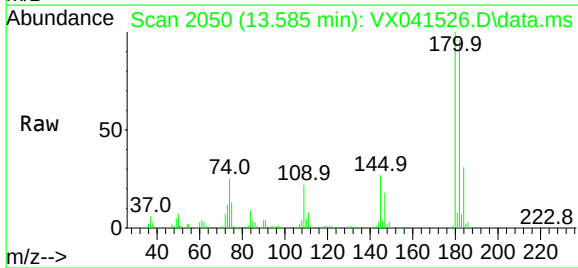
Tgt Ion:	180	Resp:	129400
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.3	144.8
145	26.9	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#94

Hexachlorobutadiene

Concen: 53.340 ug/l

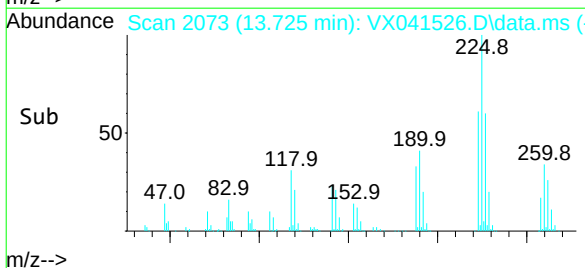
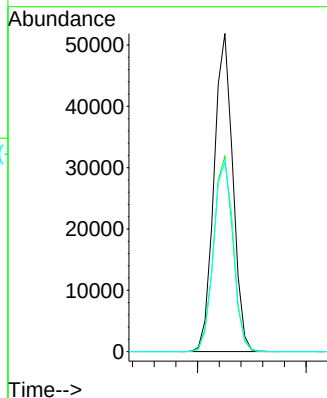
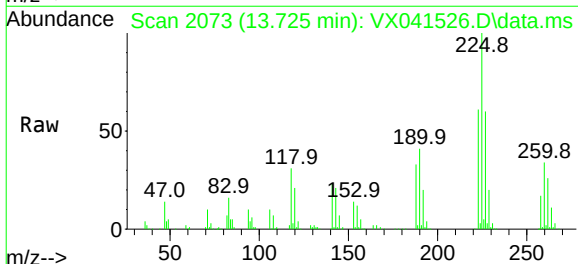
RT: 13.725 min Scan# 2073

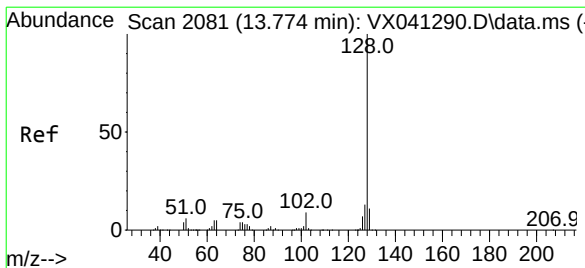
Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion:	225	Resp:	62436
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.2
227	62.8	32.5	97.5





#95

Naphthalene

Concen: 57.039 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

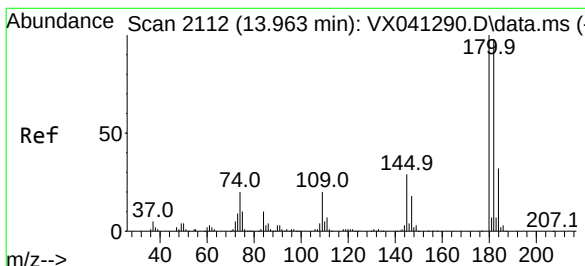
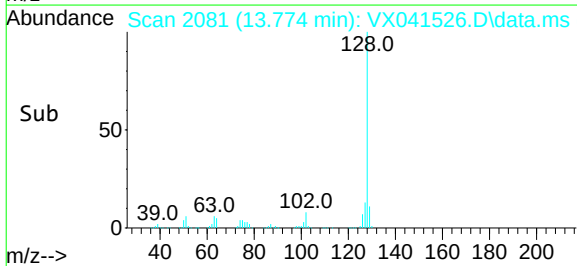
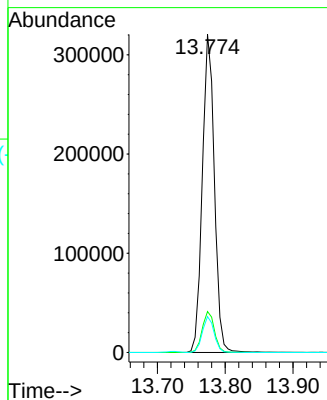
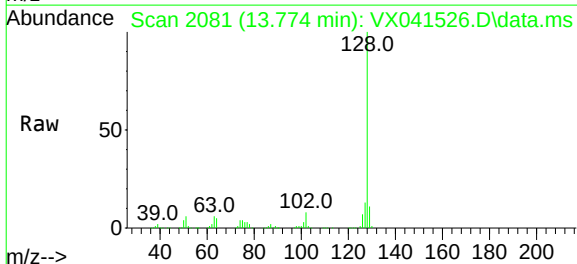
Tgt Ion:	128	Resp:	396204
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 56.576 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion:	180	Resp:	135533
Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.9	140.6
145	28.8	17.8	53.5

