

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044050.D
 Acq On : 27 Nov 2024 18:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2024
 Supervised By : Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:56:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	114405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86900	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	113850	58.020	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.040%	
35) Dibromofluoromethane	5.379	113	83015	55.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.240%	
50) Toluene-d8	8.647	98	285159	54.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	11.079	95	101837	57.635	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.260%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	68883	47.528	ug/l	97
3) Chloromethane	1.294	50	69355	45.475	ug/l	97
4) Vinyl Chloride	1.374	62	75386	46.471	ug/l	97
5) Bromomethane	1.593	94	53838	53.949	ug/l	97
6) Chloroethane	1.666	64	50091	50.675	ug/l	99
7) Trichlorofluoromethane	1.867	101	168092	57.957	ug/l	96
8) Diethyl Ether	2.136	74	54295	51.363	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	72460	52.377	ug/l	96
10) Methyl Iodide	2.440	142	88734	51.356	ug/l	97
11) Tert butyl alcohol	3.001	59	75271	238.988	ug/l	99
12) 1,1-Dichloroethene	2.306	96	67448	51.164	ug/l	96
13) Acrolein	2.233	56	103594	312.051	ug/l	98
14) Allyl chloride	2.654	41	115483	53.612	ug/l	96
15) Acrylonitrile	3.068	53	199054	259.344	ug/l	100
16) Acetone	2.386	43	196081	217.568	ug/l	97
17) Carbon Disulfide	2.501	76	116647	42.897	ug/l	100
18) Methyl Acetate	2.703	43	111907	53.320	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	275923	57.645	ug/l	98
20) Methylene Chloride	2.782	84	76762	50.191	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	70349	51.687	ug/l	97
22) Diisopropyl ether	3.757	45	261692	56.815	ug/l	92
23) Vinyl Acetate	3.721	43	1111331	282.049	ug/l	100
24) 1,1-Dichloroethane	3.599	63	146909	55.287	ug/l	99
25) 2-Butanone	4.562	43	291393	250.578	ug/l	98
26) 2,2-Dichloropropane	4.464	77	124662	51.948	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	91258	54.243	ug/l	99
28) Bromochloromethane	4.891	49	65479	55.983	ug/l	98
29) Tetrahydrofuran	5.007	42	182190	255.554	ug/l	99
30) Chloroform	5.086	83	160478	56.152	ug/l	100
31) Cyclohexane	5.458	56	109869	50.238	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	140817	57.137	ug/l	99
36) 1,1-Dichloropropene	5.684	75	97913	52.169	ug/l	99
37) Ethyl Acetate	4.714	43	118751	50.971	ug/l	99
38) Carbon Tetrachloride	5.672	117	110213	52.261	ug/l	97
39) Methylcyclohexane	7.372	83	117329	48.120	ug/l	98
40) Benzene	6.031	78	304230	52.039	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	64070	53.731	ug/l	98
42) 1,2-Dichloroethane	6.080	62	128818	54.863	ug/l	100
43) Isopropyl Acetate	6.342	43	201784	54.423	ug/l	100
44) Trichloroethene	7.123	130	72586	43.859	ug/l	100
45) 1,2-Dichloropropane	7.427	63	77324	54.002	ug/l	100
46) Dibromomethane	7.580	93	60971	53.829	ug/l	98
47) Bromodichloromethane	7.818	83	114047	56.141	ug/l	97
48) Methyl methacrylate	7.696	41	96608	54.301	ug/l	97
49) 1,4-Dioxane	7.665	88	33524m	1057.830	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	610349	269.752	ug/l	98
52) Toluene	8.714	92	191620	54.762	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	115730	55.866	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	125078	55.077	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	77681	53.779	ug/l	97
56) Ethyl methacrylate	9.116	69	125428	55.750	ug/l	97
57) 1,3-Dichloropropane	9.305	76	132556	54.478	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	308767	250.399	ug/l	99
59) 2-Hexanone	9.433	43	450099	264.663	ug/l	99
60) Dibromochloromethane	9.518	129	80111	55.278	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79930	54.726	ug/l	100
64) Tetrachloroethene	9.268	164	60168	50.521	ug/l	97
65) Chlorobenzene	10.079	112	207336	52.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	71883	55.875	ug/l	98
67) Ethyl Benzene	10.189	91	380429	56.596	ug/l	98
68) m/p-Xylenes	10.299	106	270061	107.735	ug/l	98
69) o-Xylene	10.640	106	135000	55.159	ug/l	97
70) Styrene	10.652	104	225709	55.758	ug/l	98
71) Bromoform	10.799	173	46348	47.597	ug/l #	99
73) Isopropylbenzene	10.957	105	352921	52.833	ug/l	100
74) N-amyl acetate	10.841	43	175202	56.617	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	120153	52.531	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96247m	50.505	ug/l	
77) Bromobenzene	11.195	156	82950	52.056	ug/l	99
78) n-propylbenzene	11.305	91	402532	53.955	ug/l	98
79) 2-Chlorotoluene	11.360	91	240154	50.906	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	293032	53.321	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32767	46.919	ug/l	94
82) 4-Chlorotoluene	11.451	91	284827	53.478	ug/l	100
83) tert-Butylbenzene	11.713	119	298096	54.725	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	308926	56.462	ug/l	99
85) sec-Butylbenzene	11.890	105	361060	54.100	ug/l	100
86) p-Isopropyltoluene	12.006	119	297269	54.835	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	151572	52.226	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	149912	50.664	ug/l	96
89) n-Butylbenzene	12.329	91	261802	54.774	ug/l	99
90) Hexachloroethane	12.536	117	46298	50.224	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	153813	52.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22989	50.161	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	85956	49.779	ug/l	100
94) Hexachlorobutadiene	13.719	225	32815	48.084	ug/l	98
95) Naphthalene	13.774	128	363139	58.422	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	90980	52.056	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050EC

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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

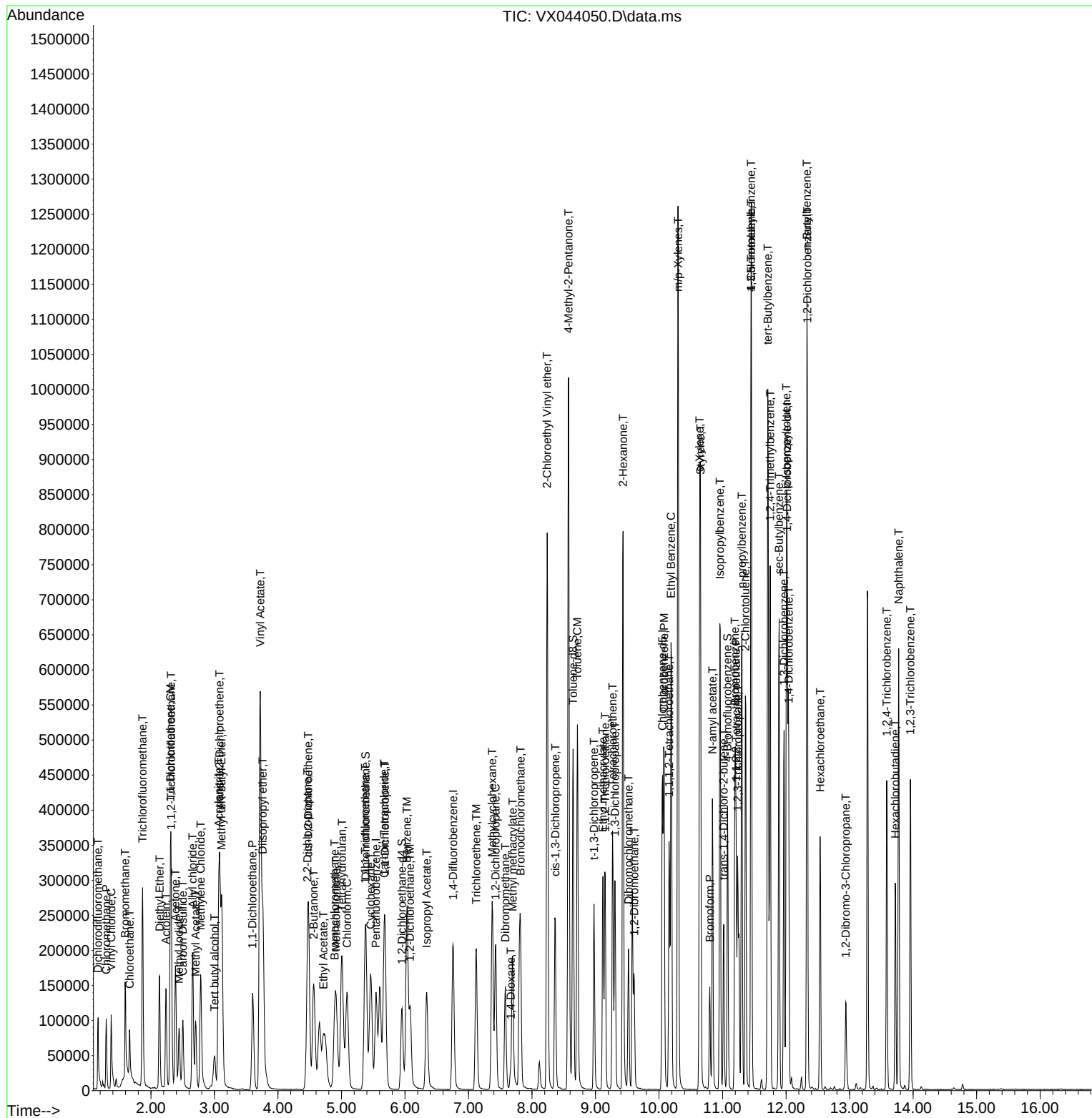
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044050.D
Acq On : 27 Nov 2024 18:52
Operator : JC/MD
Sample : VSTDC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

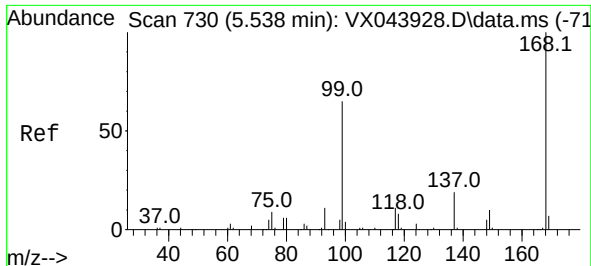
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ClientSampleId :
VSTDC050EC

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
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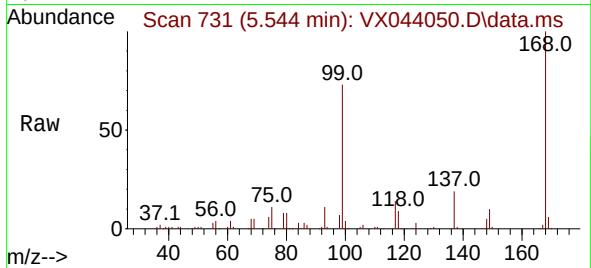
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044050.D
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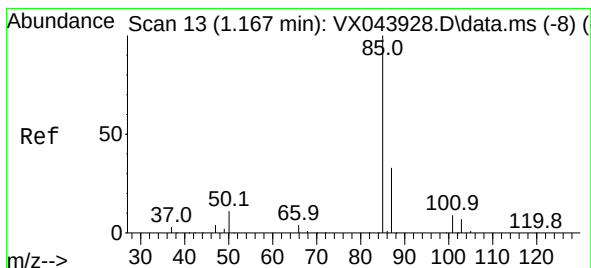
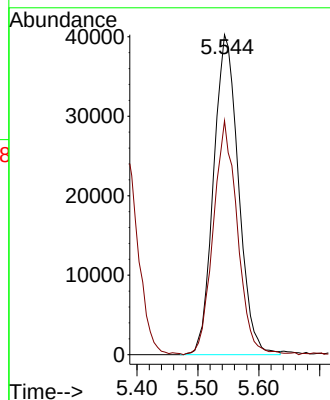
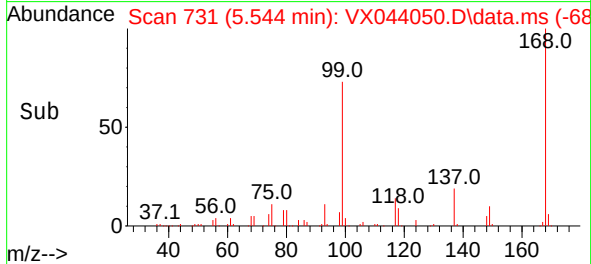
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 114409
Ion Ratio Lower Upper
168 100
99 72.7 51.8 77.8

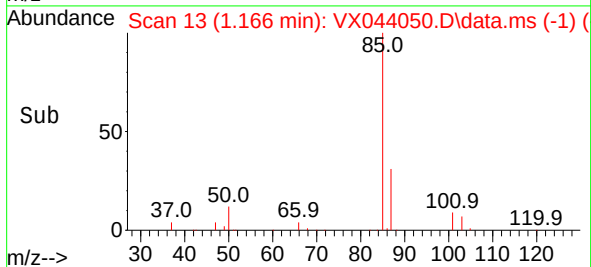
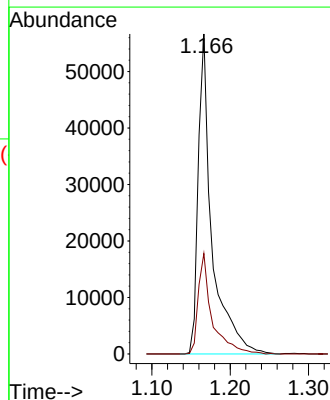
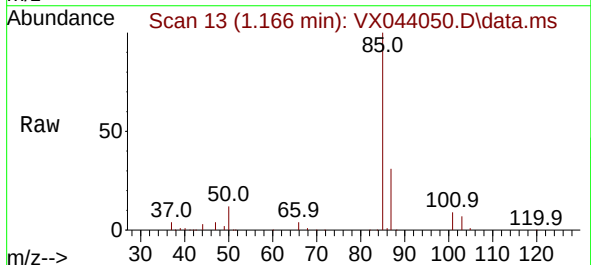
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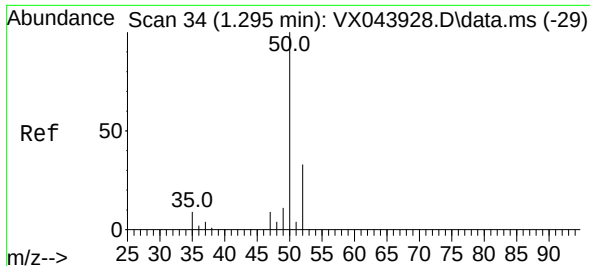
Reviewed By :John Carlone 12/02/2024
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#2
Dichlorodifluoromethane
Concen: 47.528 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

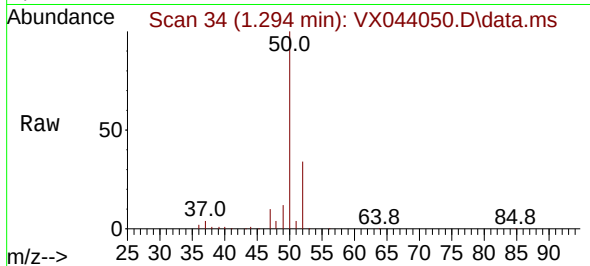
Tgt Ion: 85 Resp: 68883
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.8





#3
Chloromethane
Concen: 45.475 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

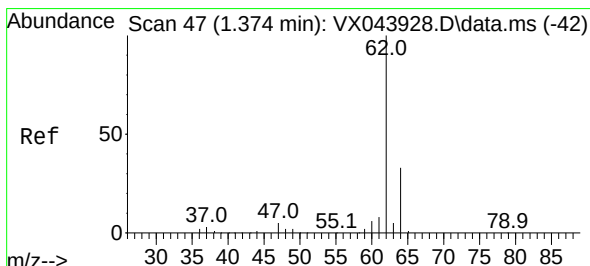
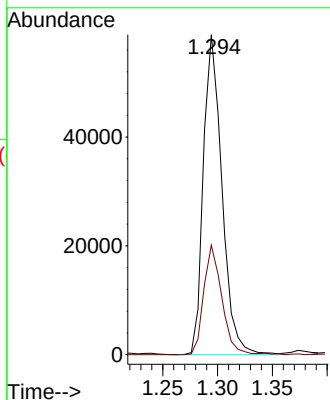
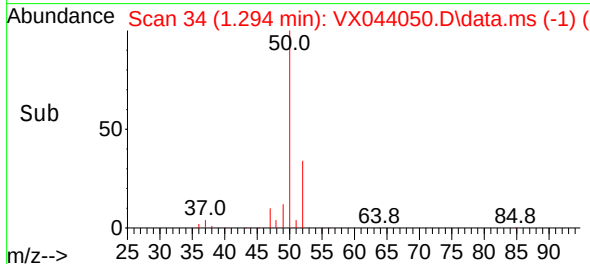
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 6935
Ion Ratio Lower Upper
50 100
52 34.2 26.1 39.1

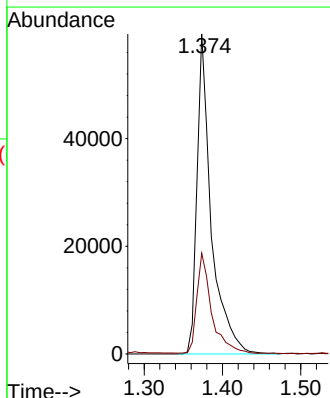
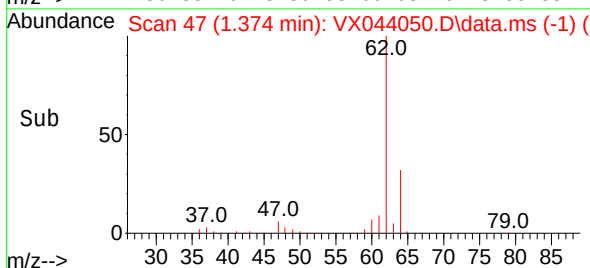
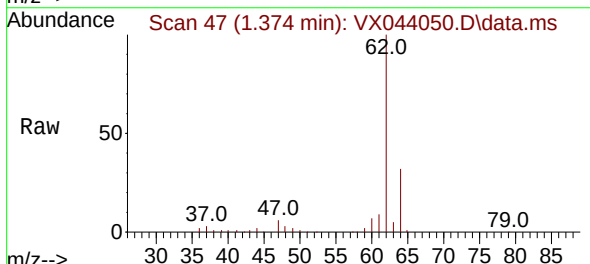
Manual Integrations
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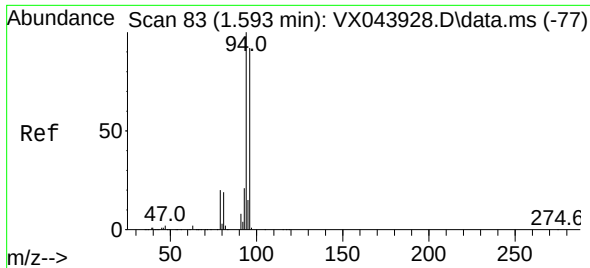
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#4
Vinyl Chloride
Concen: 46.471 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

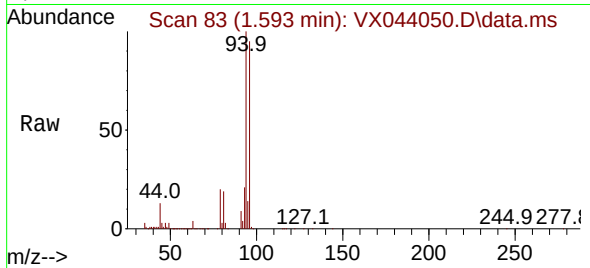
Tgt Ion: 62 Resp: 75386
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.4





#5
Bromomethane
Concen: 53.949 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

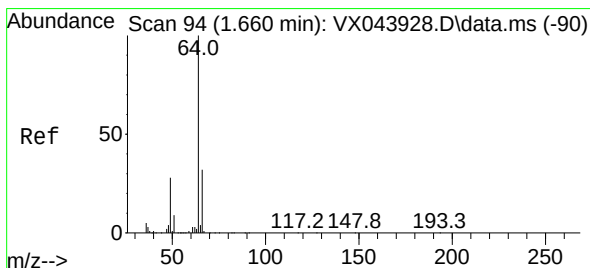
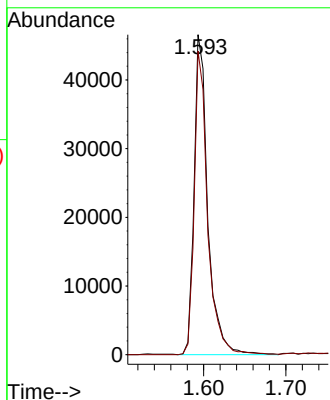
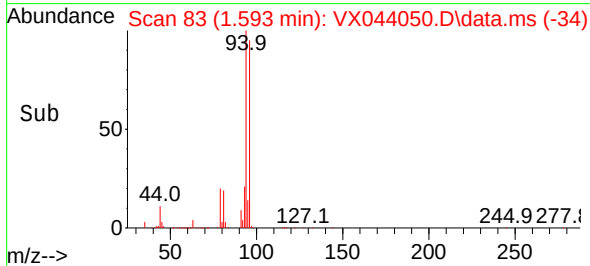
Instrument :
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Tgt Ion: 94 Resp: 5383
Ion Ratio Lower Upper
94 100
96 94.8 73.9 110.9

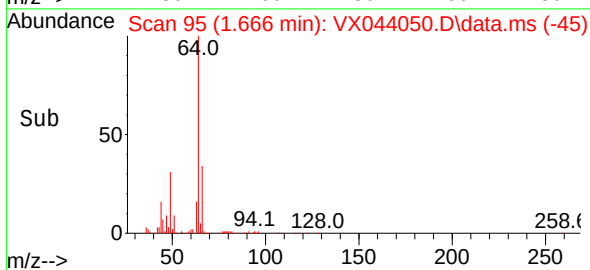
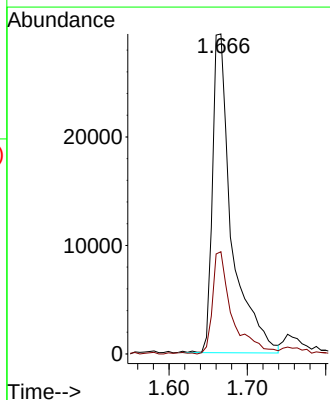
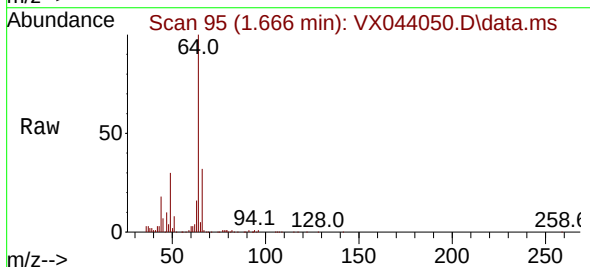
Manual Integrations
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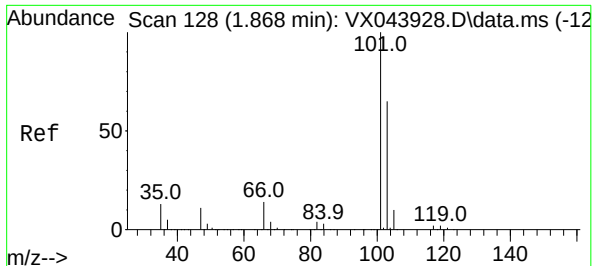
Reviewed By :John Carlone 12/02/2024
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#6
Chloroethane
Concen: 50.675 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion: 64 Resp: 50091
Ion Ratio Lower Upper
64 100
66 31.7 25.9 38.9





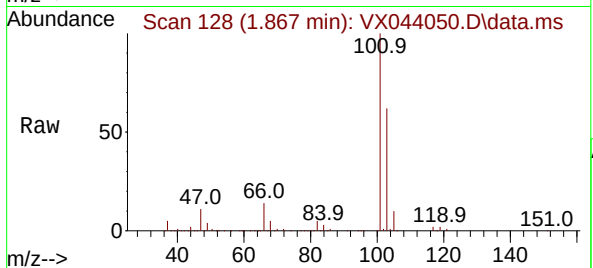
#7
Trichlorofluoromethane
Concen: 57.957 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



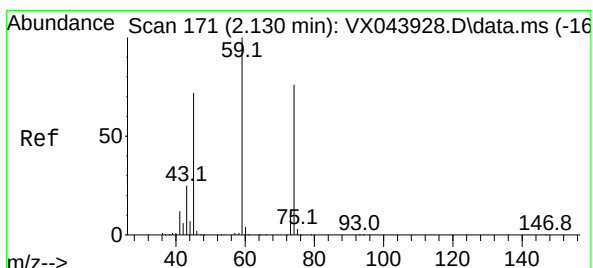
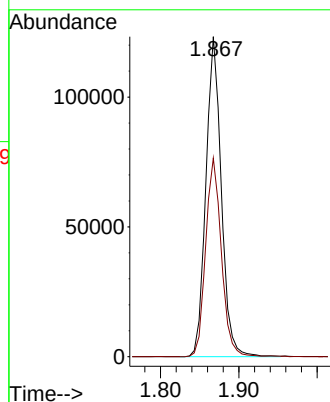
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Ion Ratio Lower Upper
101 100
103 62.0 52.2 78.2

Manual Integrations

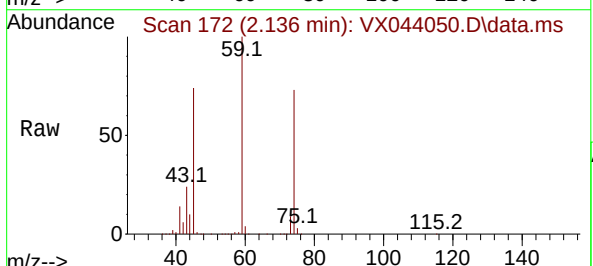
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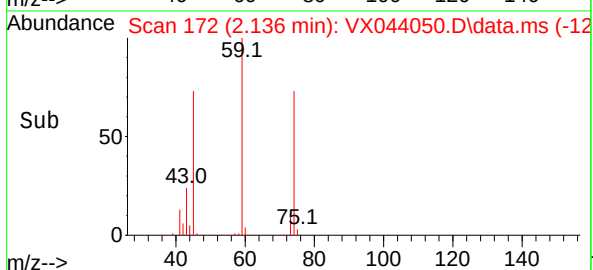
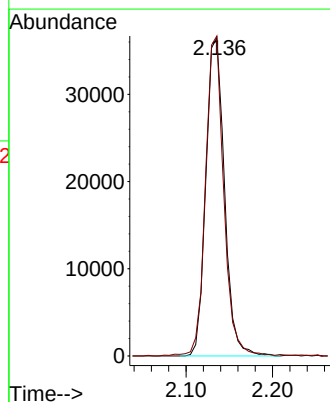
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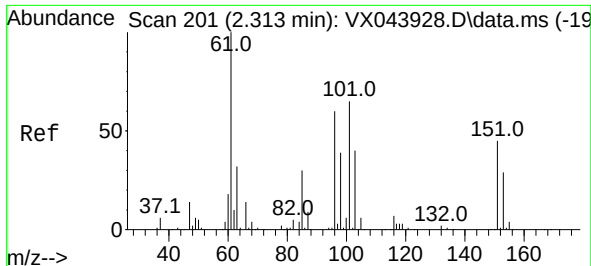


#8
Diethyl Ether
Concen: 51.363 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52



Tgt Ion: 74 Resp: 54295
Ion Ratio Lower Upper
74 100
45 99.0 47.9 143.6





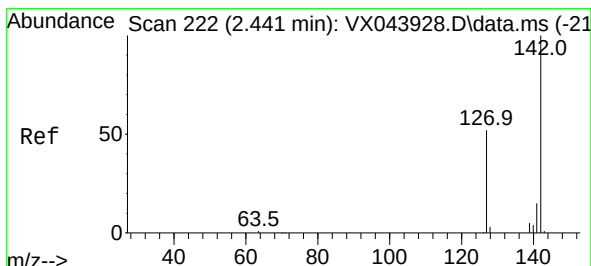
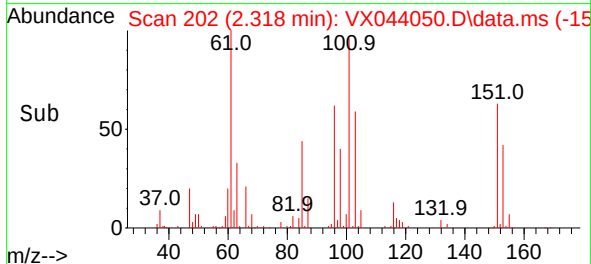
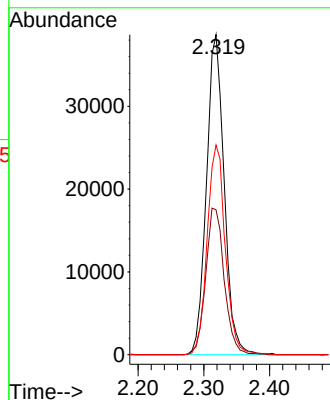
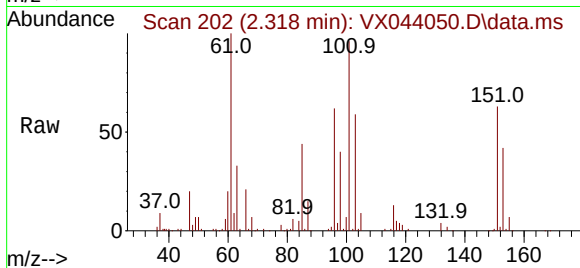
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.377 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 72460
Ion Ratio Lower Upper
101 100
85 47.9 37.9 56.9
151 67.0 57.5 86.3

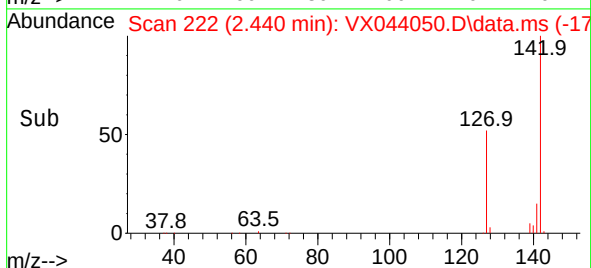
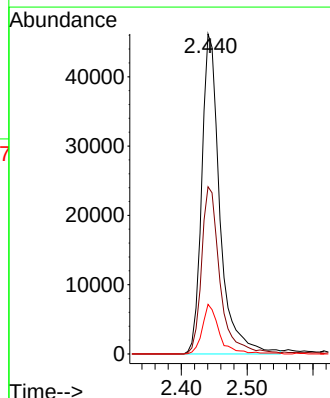
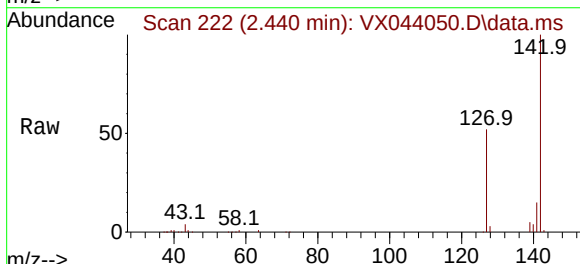
Manual Integrations
APPROVED

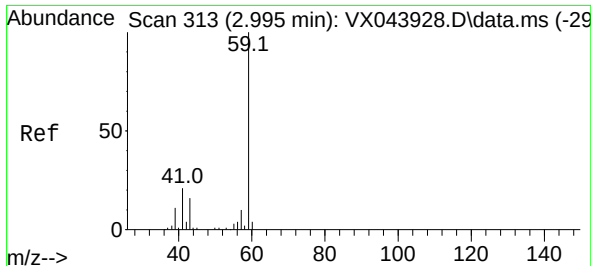
Reviewed By :John Carbone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#10
Methyl Iodide
Concen: 51.356 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion:142 Resp: 88734
Ion Ratio Lower Upper
142 100
127 53.1 40.7 61.1
141 14.5 12.0 18.0





#11

Tert butyl alcohol

Concen: 238.988 ug/l

RT: 3.001 min Scan# 313

Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 7527

Ion Ratio Lower Upper

59 100

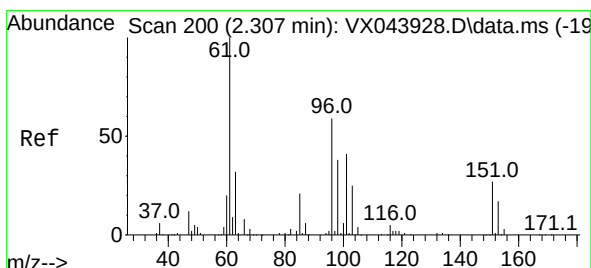
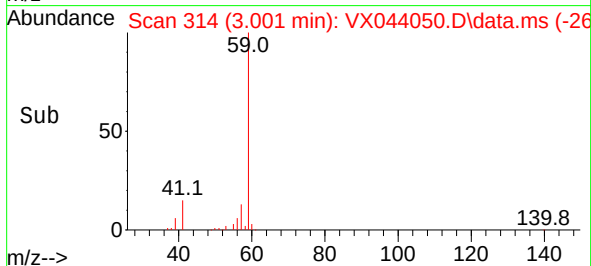
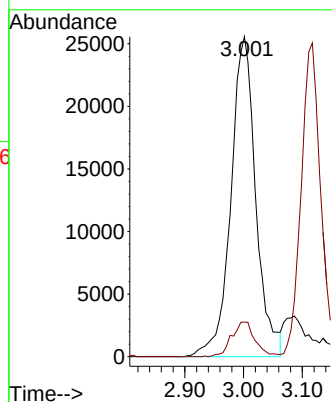
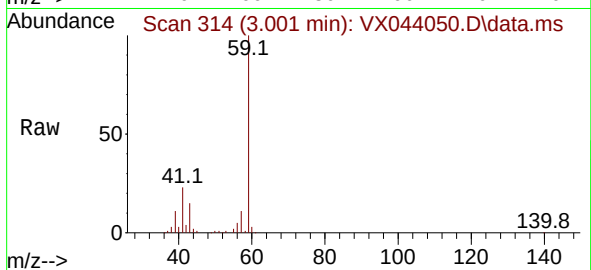
57 10.3 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#12

1,1-Dichloroethene

Concen: 51.164 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

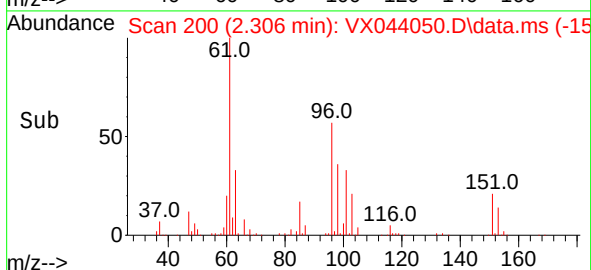
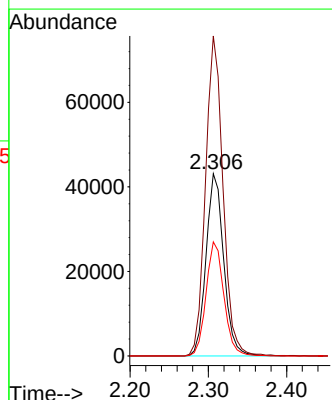
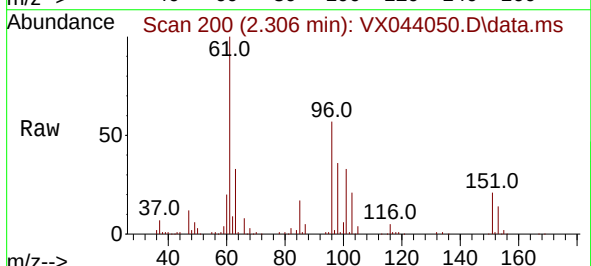
Tgt Ion: 96 Resp: 67448

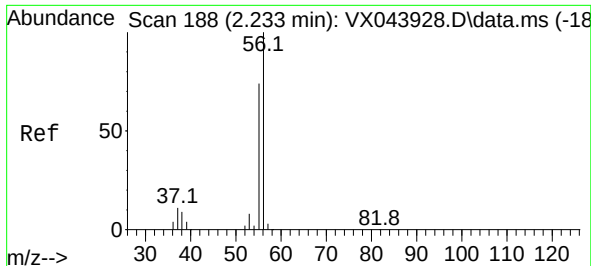
Ion Ratio Lower Upper

96 100

61 175.6 135.5 203.3

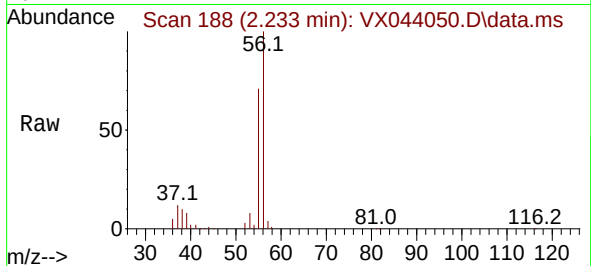
98 62.6 50.8 76.2





#13
Acrolein
Concen: 312.051 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

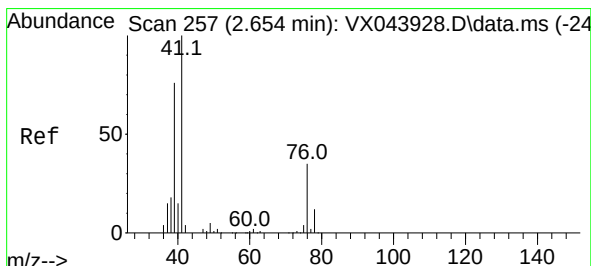
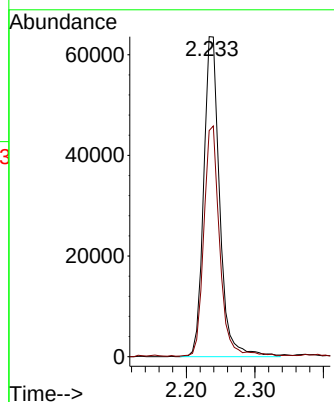
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 103594
Ion Ratio Lower Upper
56 100
55 71.2 58.2 87.2

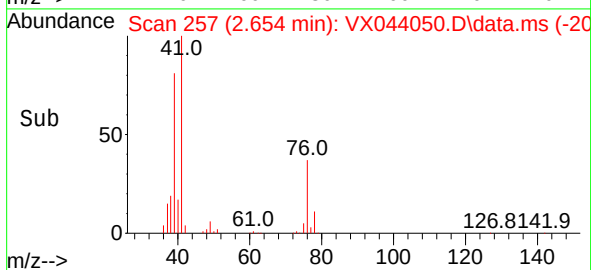
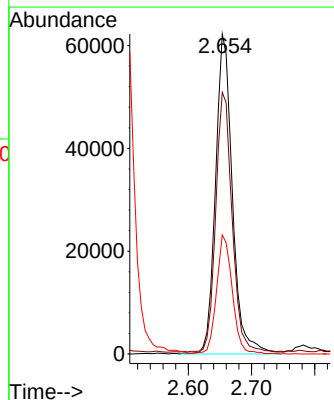
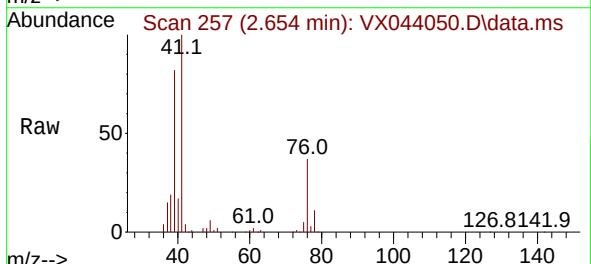
Manual Integrations
APPROVED

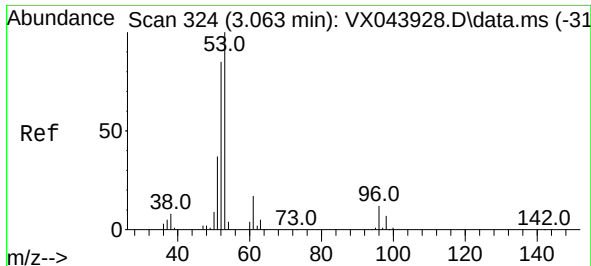
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#14
Allyl chloride
Concen: 53.612 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion: 41 Resp: 115483
Ion Ratio Lower Upper
41 100
39 78.6 59.5 89.3
76 34.7 27.4 41.2





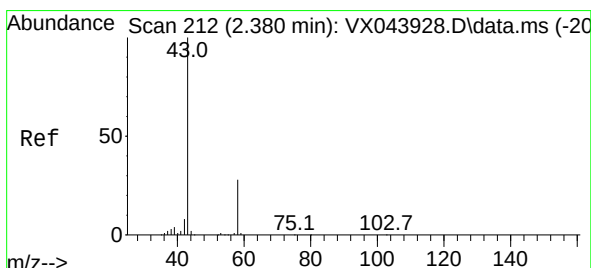
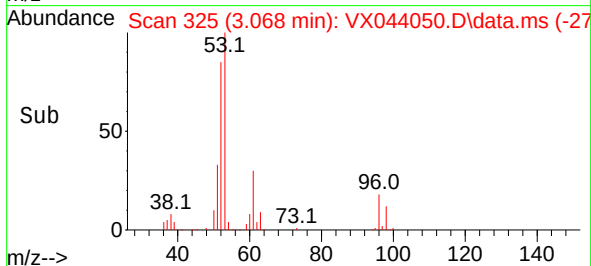
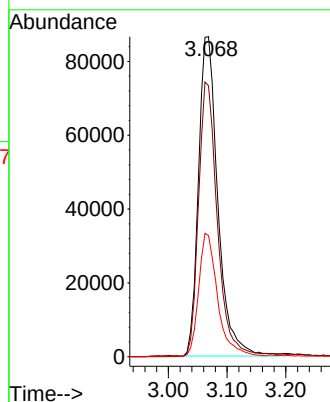
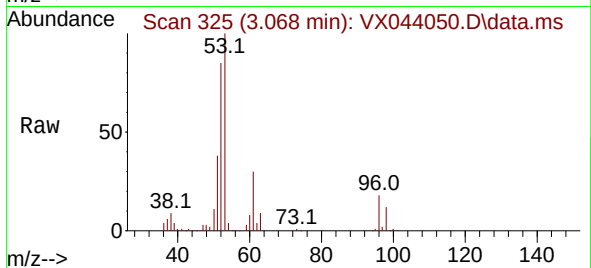
#15
Acrylonitrile
Concen: 259.344 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 199054
Ion Ratio Lower Upper
53 100
52 83.3 66.5 99.7
51 37.5 30.2 45.4

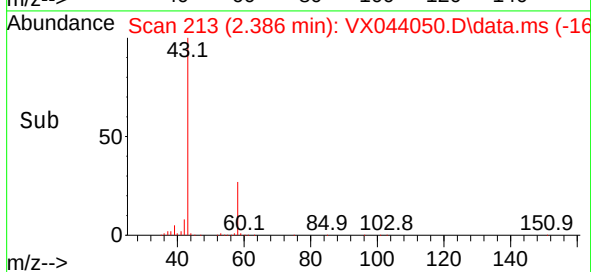
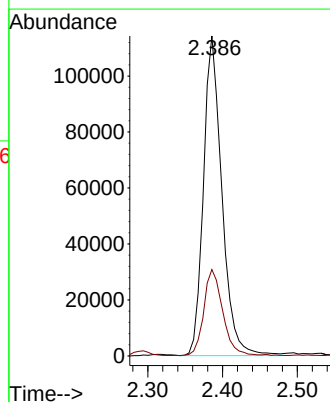
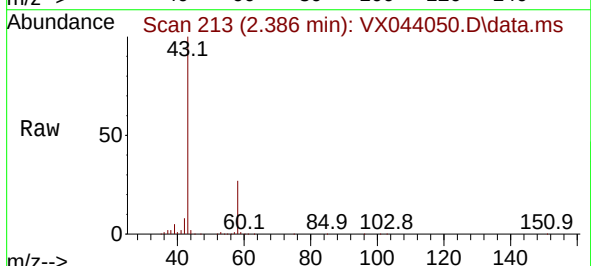
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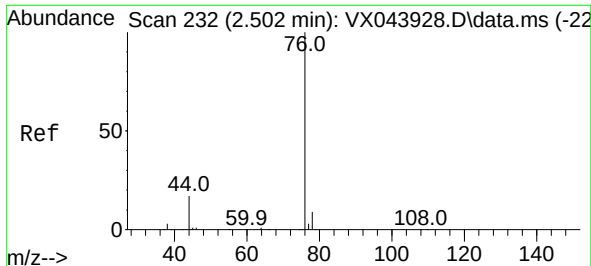
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#16
Acetone
Concen: 217.568 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion: 43 Resp: 196081
Ion Ratio Lower Upper
43 100
58 26.9 22.7 34.1





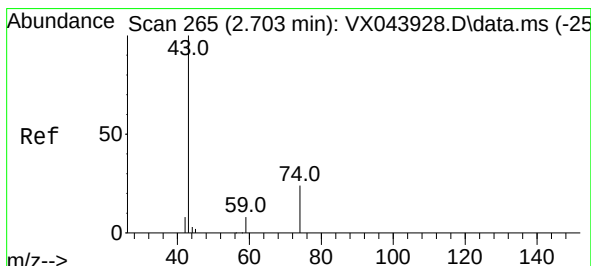
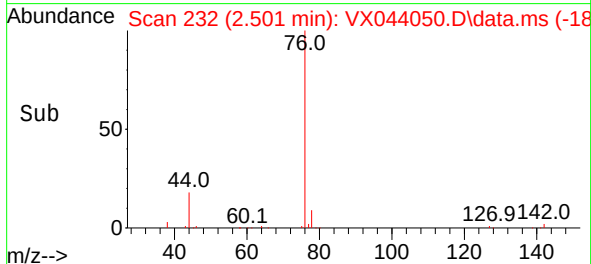
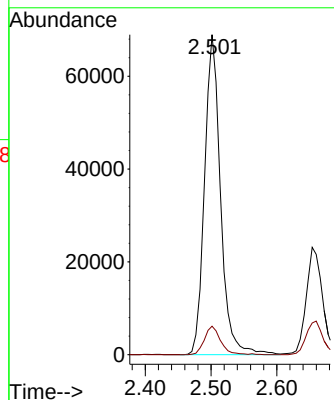
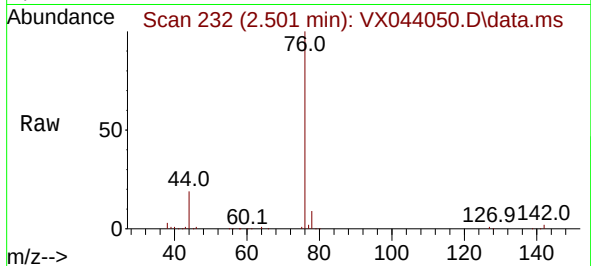
#17
Carbon Disulfide
Concen: 42.897 ug/l
RT: 2.501 min Scan# 241
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 11664
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

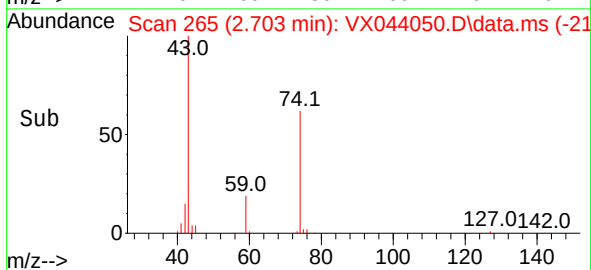
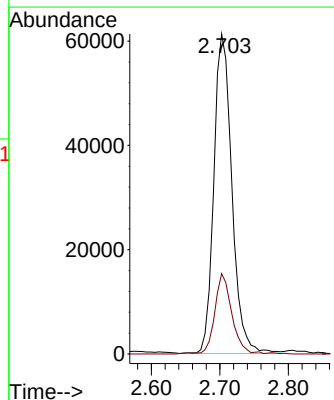
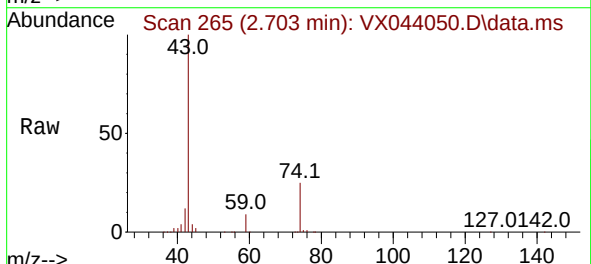
Manual Integrations
APPROVED

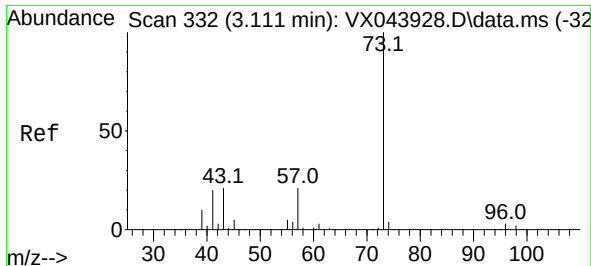
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#18
Methyl Acetate
Concen: 53.320 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

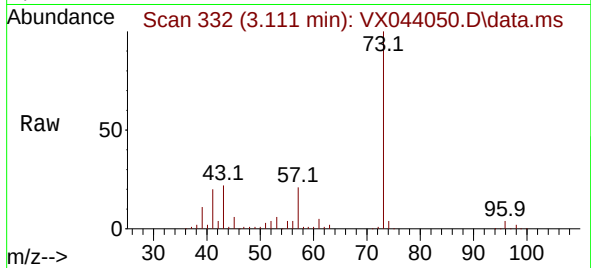
Tgt Ion: 43 Resp: 111907
Ion Ratio Lower Upper
43 100
74 22.9 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 57.645 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

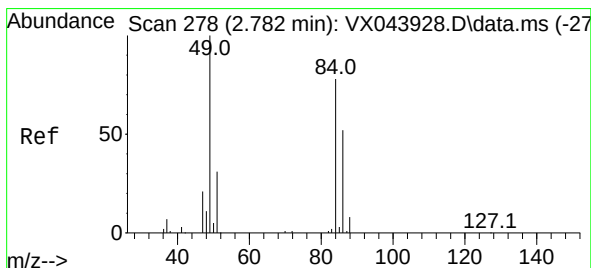
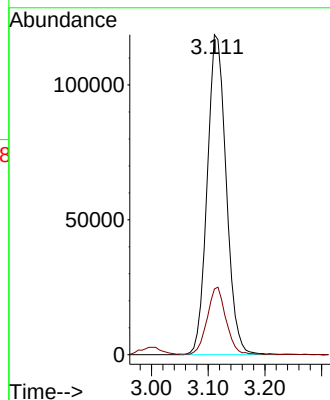
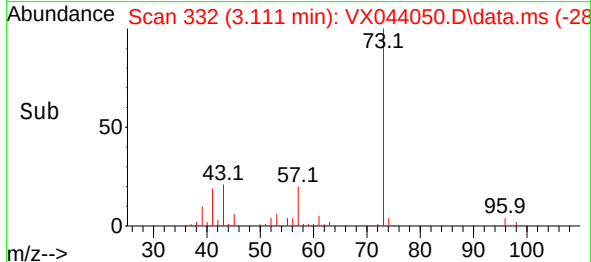
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



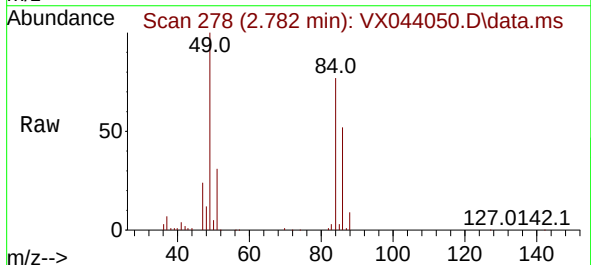
Tgt Ion: 73 Resp: 275923
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.6

Manual Integrations
APPROVED

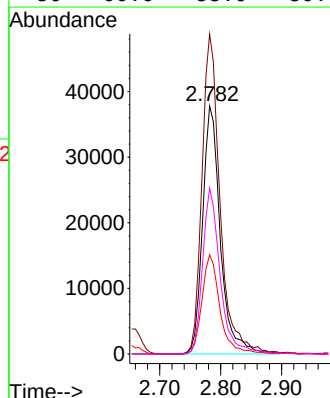
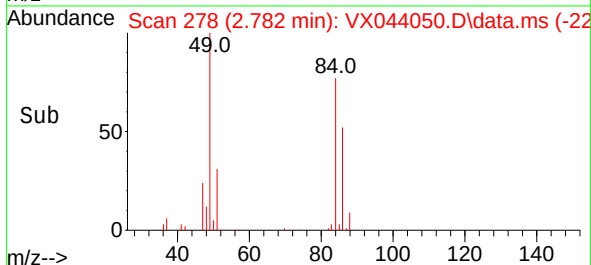
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

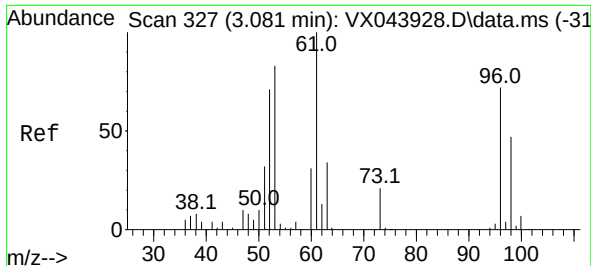


#20
Methylene Chloride
Concen: 50.191 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52



Tgt Ion: 84 Resp: 76762
Ion Ratio Lower Upper
84 100
49 129.1 102.7 154.1
51 40.0 31.7 47.5
86 66.9 53.9 80.9





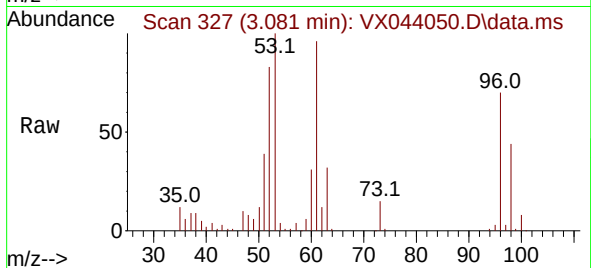
#21
trans-1,2-Dichloroethene
Concen: 51.687 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



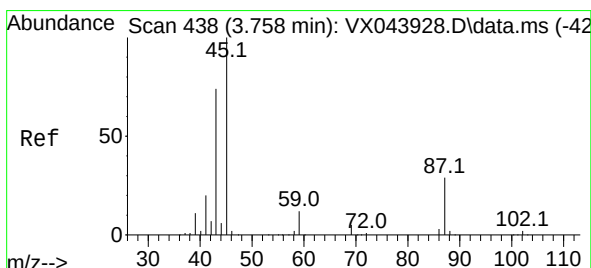
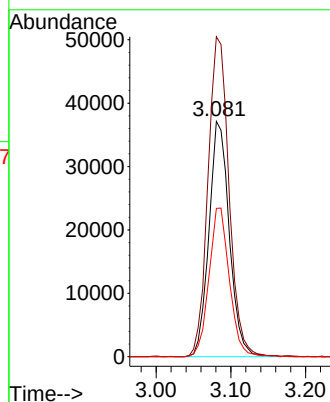
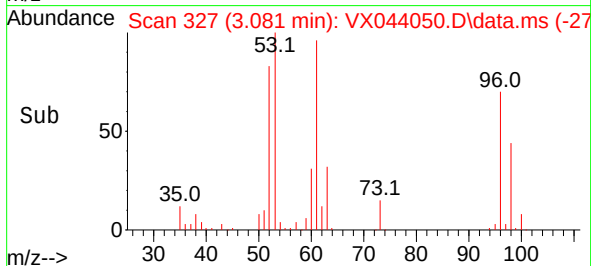
Tgt Ion: 96 Resp: 70349
Ion Ratio Lower Upper
96 100
61 135.9 111.8 167.6
98 63.0 52.7 79.1

Manual Integrations

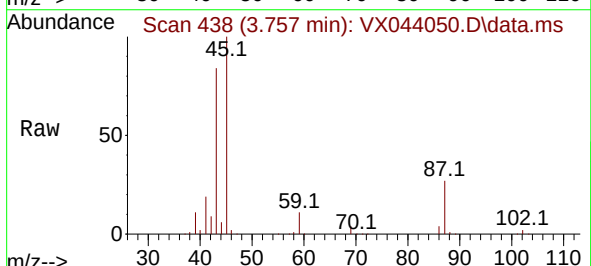
APPROVED

Reviewed By :John Carlone 12/02/2024

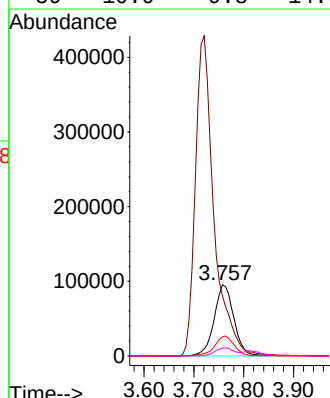
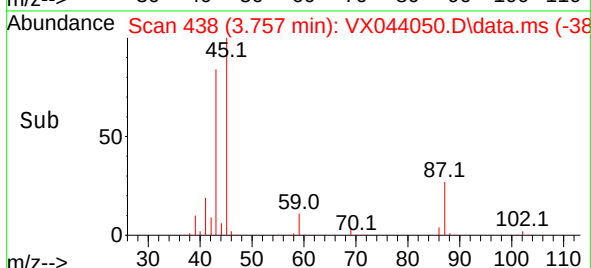
Supervised By :Mahesh Dadoda 12/02/2024

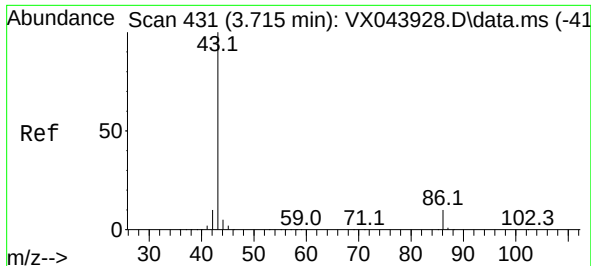


#22
Diisopropyl ether
Concen: 56.815 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52



Tgt Ion: 45 Resp: 261692
Ion Ratio Lower Upper
45 100
43 84.0 59.6 89.4
87 26.7 22.9 34.3
59 10.9 9.8 14.6





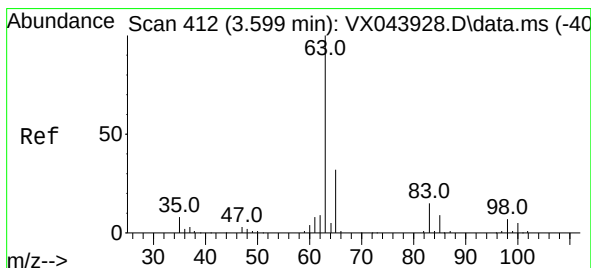
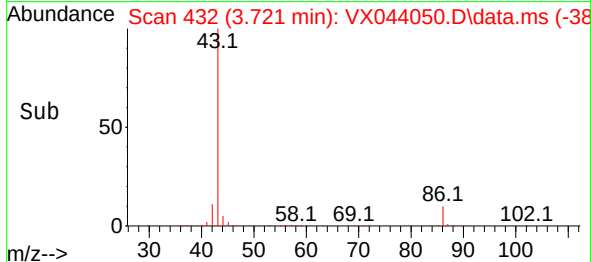
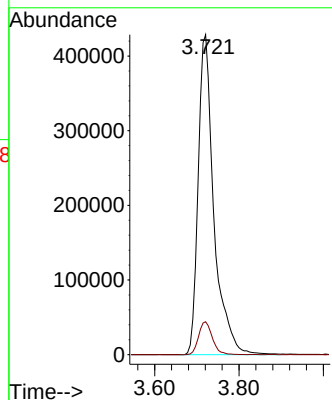
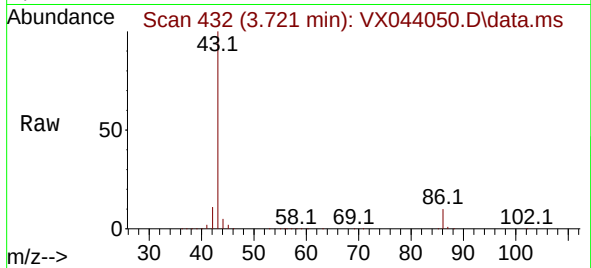
#23
Vinyl Acetate
Concen: 282.049 ug/l
RT: 3.721 min Scan# 411
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 111133
Ion Ratio Lower Upper
43 100
86 10.3 8.3 12.5

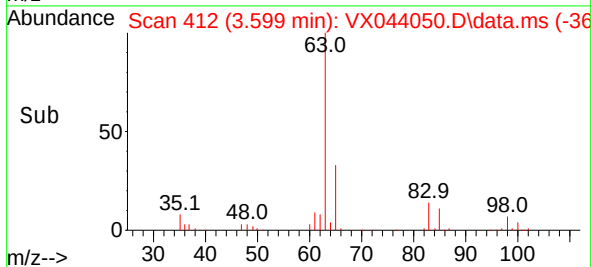
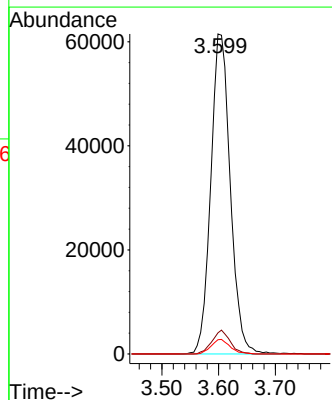
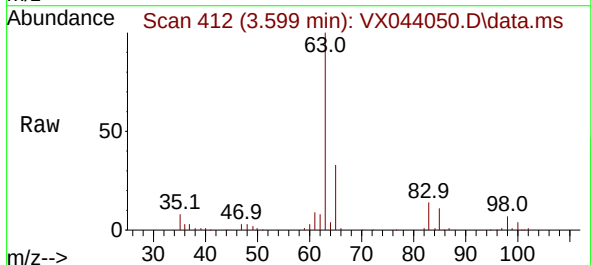
Manual Integrations
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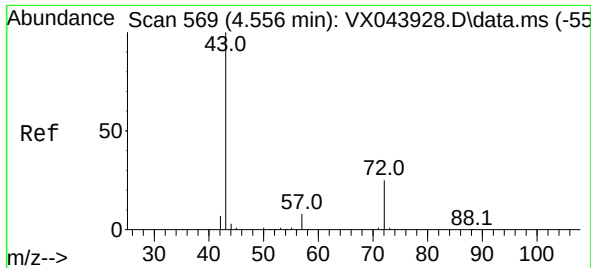
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#24
1,1-Dichloroethane
Concen: 55.287 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion: 63 Resp: 146909
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.6
100 4.4 2.4 7.1





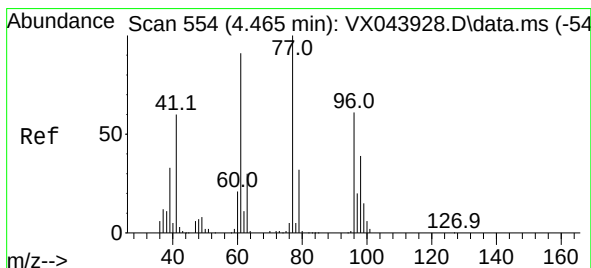
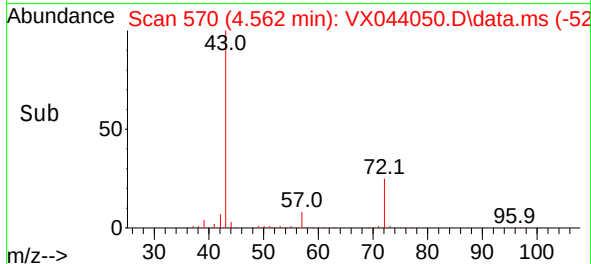
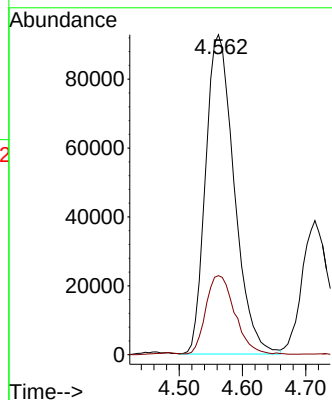
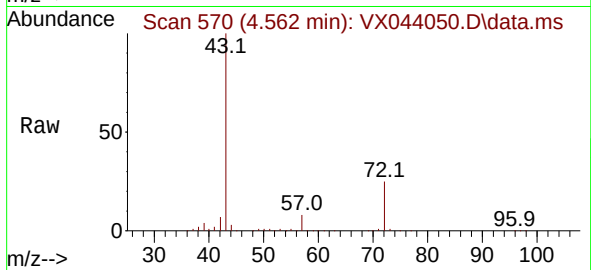
#25
2-Butanone
Concen: 250.578 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 29139
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.2

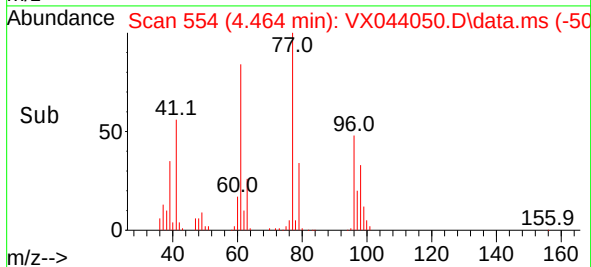
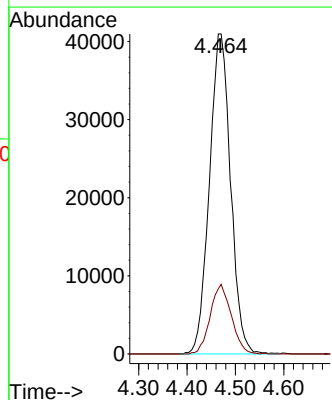
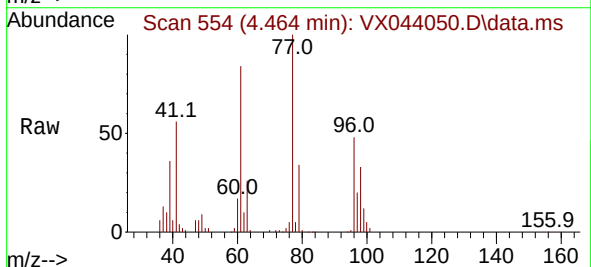
Manual Integrations
APPROVED

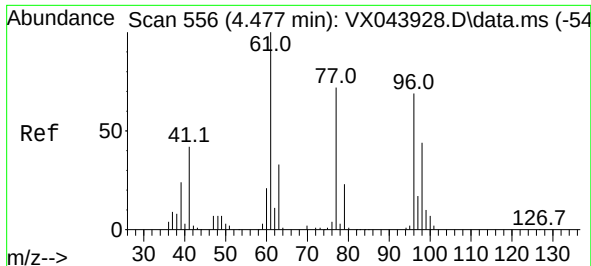
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#26
2,2-Dichloropropane
Concen: 51.948 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

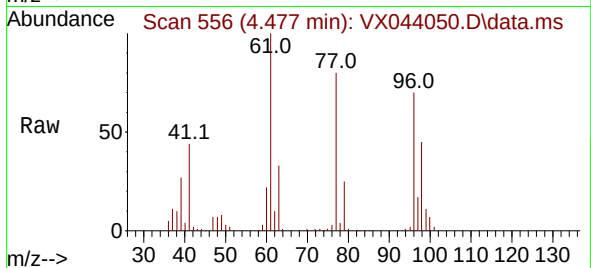
Tgt Ion: 77 Resp: 124662
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 54.243 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

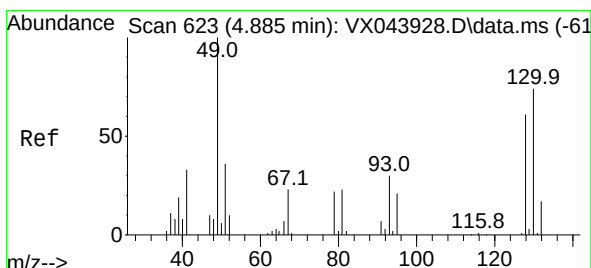
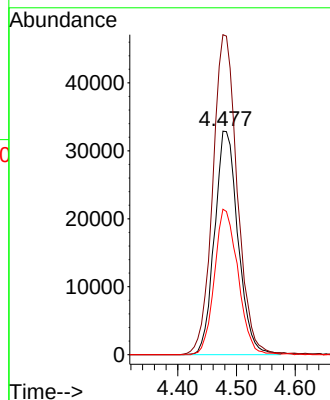
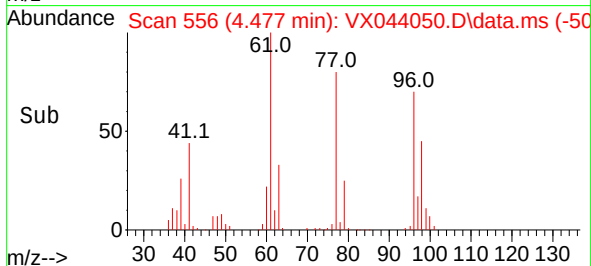
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 91258
Ion Ratio Lower Upper
96 100
61 149.7 0.0 297.4
98 65.3 0.0 127.8

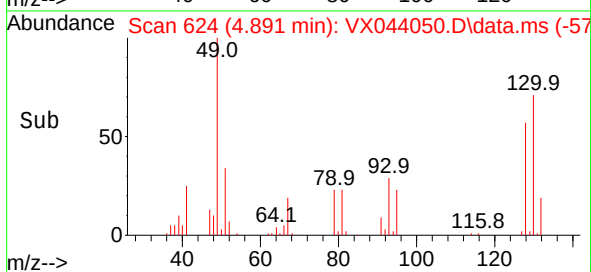
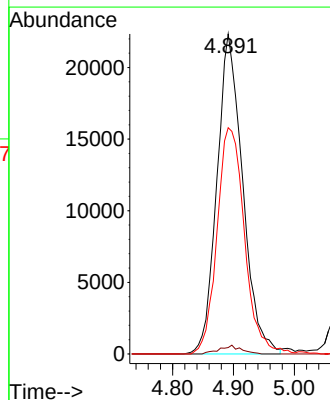
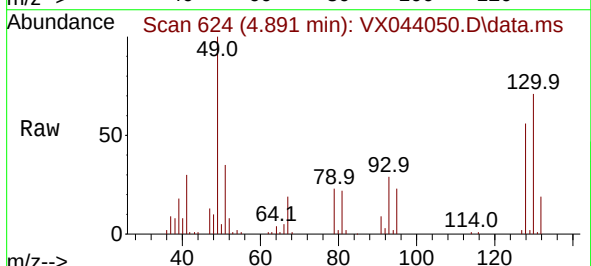
Manual Integrations
APPROVED

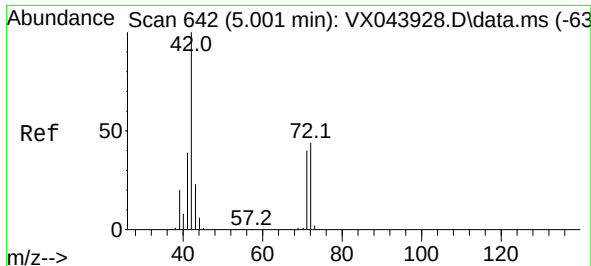
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#28
Bromochloromethane
Concen: 55.983 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion: 49 Resp: 65479
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 75.3 59.0 88.6





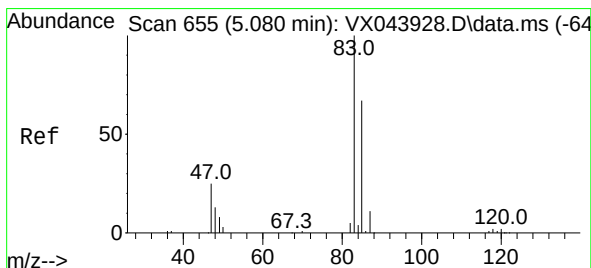
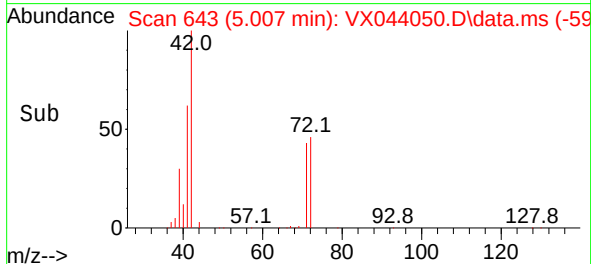
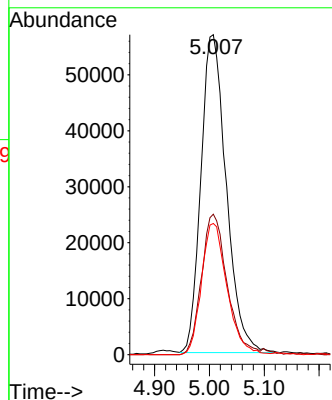
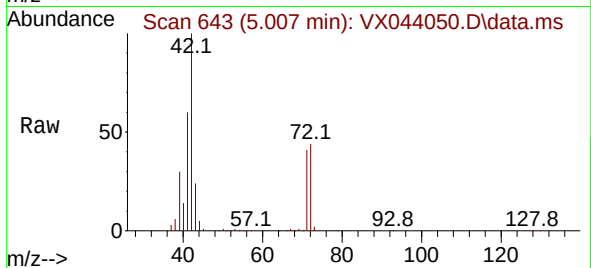
#29
Tetrahydrofuran
Concen: 255.554 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 182190
Ion Ratio Lower Upper
42 100
72 44.7 36.4 54.6
71 41.6 33.4 50.0

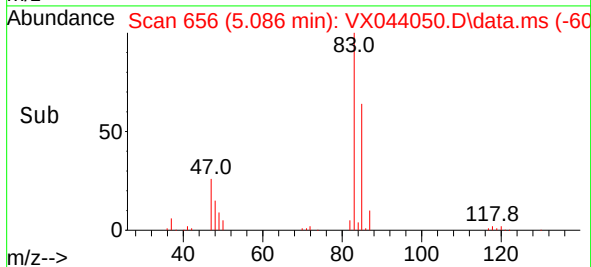
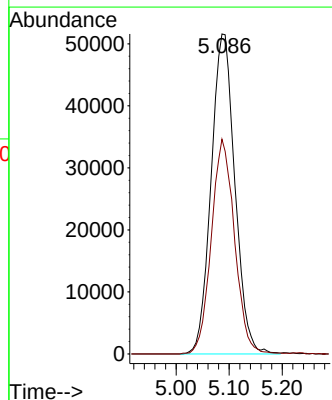
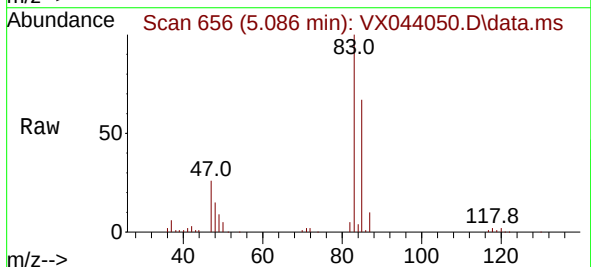
Manual Integrations
APPROVED

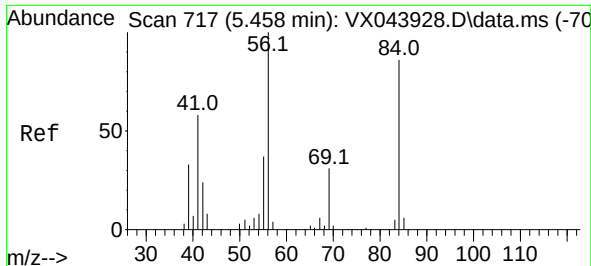
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#30
Chloroform
Concen: 56.152 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

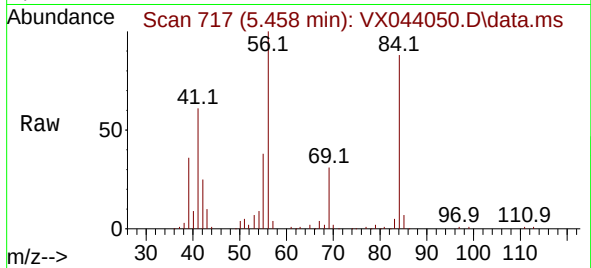
Tgt Ion: 83 Resp: 160478
Ion Ratio Lower Upper
83 100
85 67.1 53.5 80.3





#31
Cyclohexane
Concen: 50.238 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

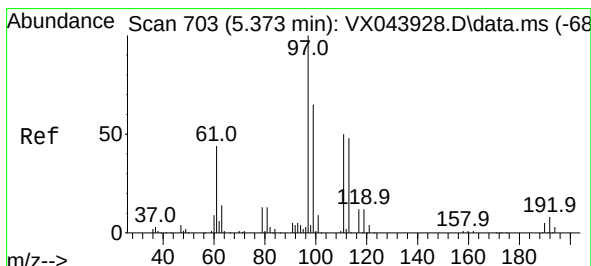
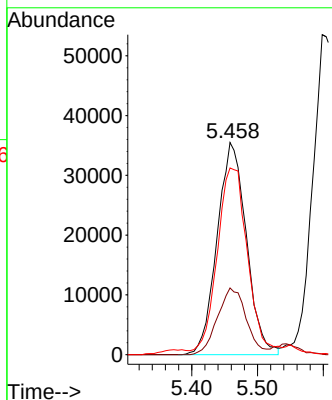
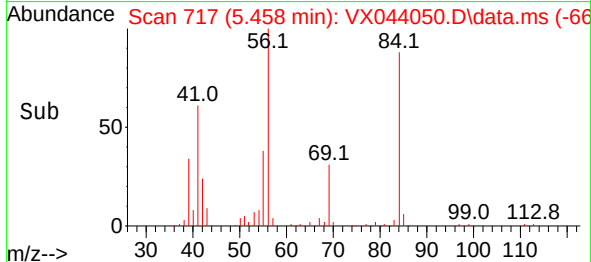
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



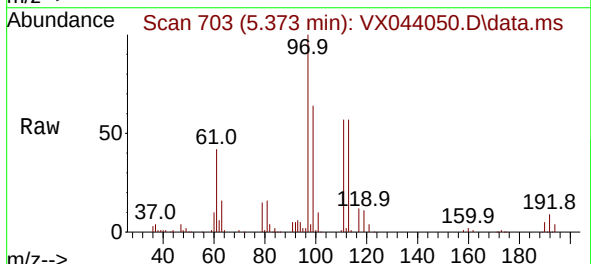
Tgt Ion: 56 Resp: 109869
Ion Ratio Lower Upper
56 100
69 31.4 24.7 37.1
84 85.9 68.7 103.1

Manual Integrations
APPROVED

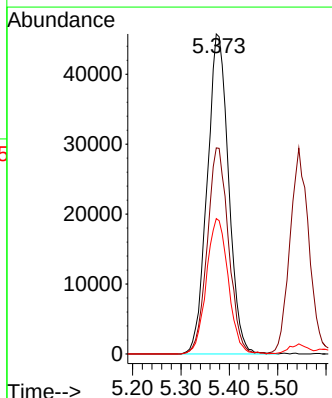
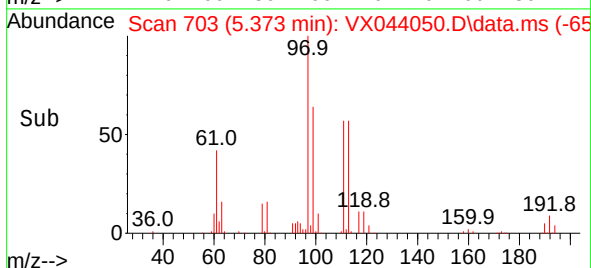
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

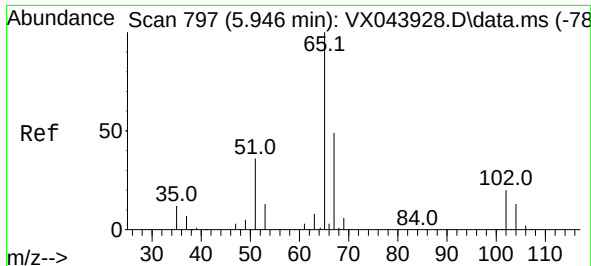


#32
1,1,1-Trichloroethane
Concen: 57.137 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52



Tgt Ion: 97 Resp: 140817
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 43.4 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 58.020 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 113850

Ion Ratio Lower Upper

65 100

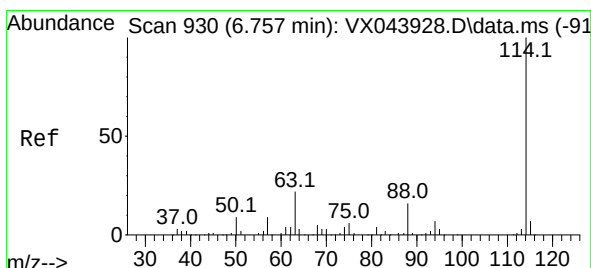
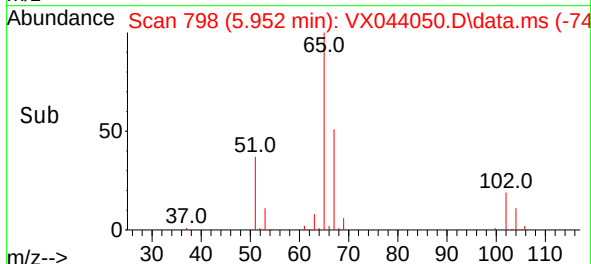
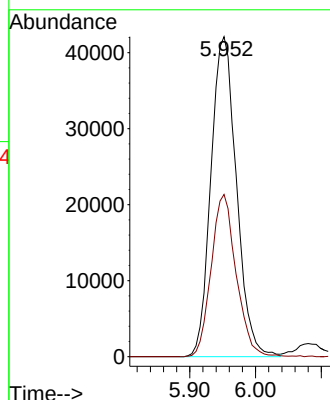
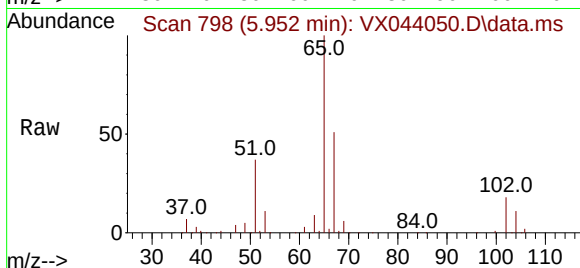
67 49.5 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

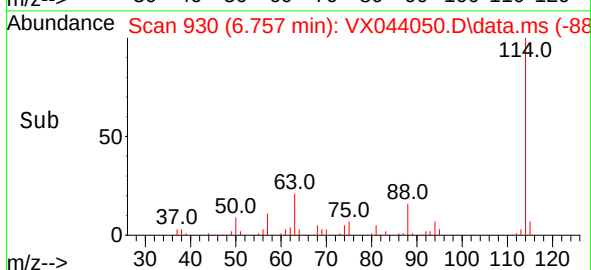
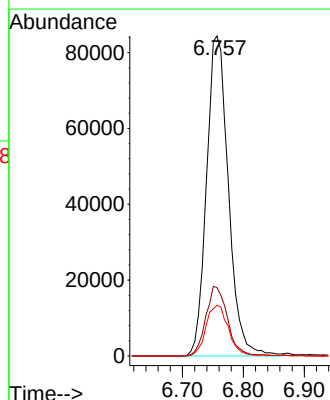
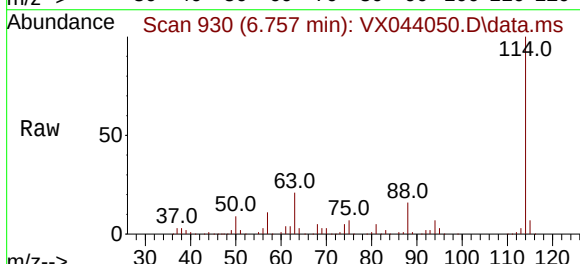
Tgt Ion:114 Resp: 210783

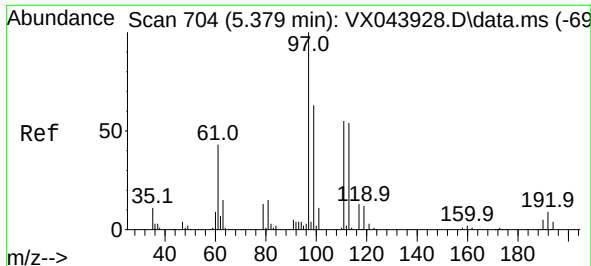
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 55.117 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044050.D

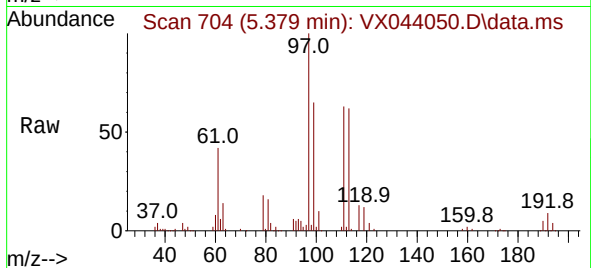
Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:113 Resp: 83015

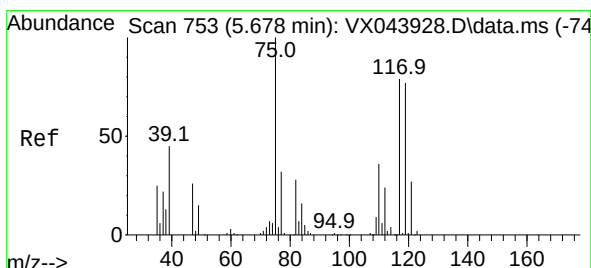
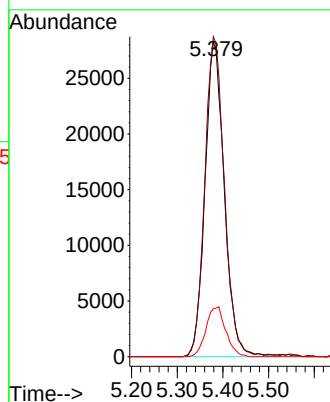
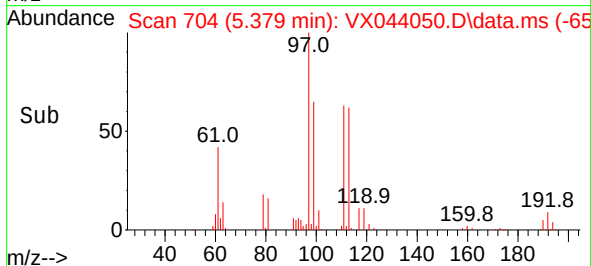
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.4
192	16.1	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#36

1,1-Dichloropropene

Concen: 52.169 ug/l

RT: 5.684 min Scan# 754

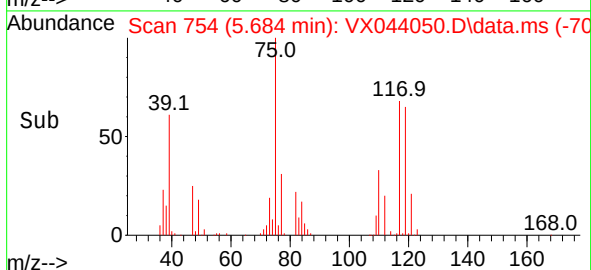
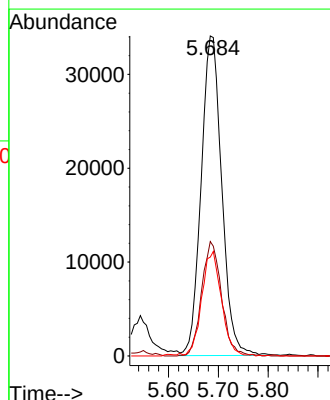
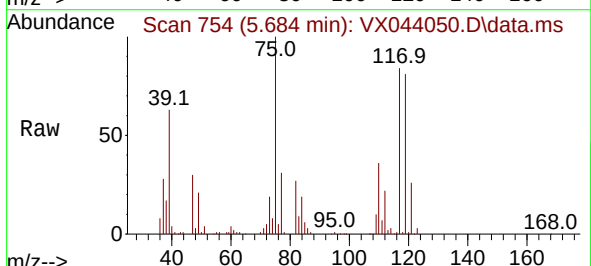
Delta R.T. 0.006 min

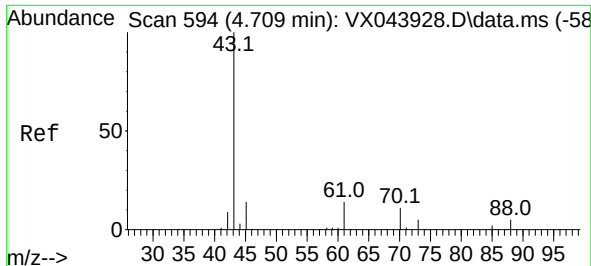
Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Tgt Ion: 75 Resp: 97913

Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.4	52.2
77	31.5	25.8	38.8





#37

Ethyl Acetate

Concen: 50.971 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

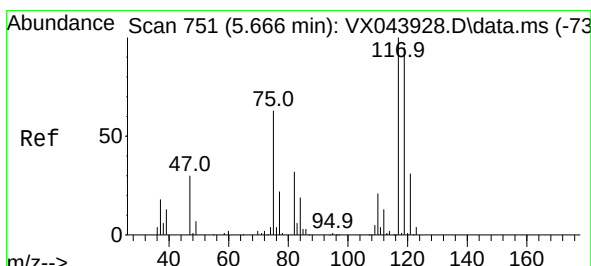
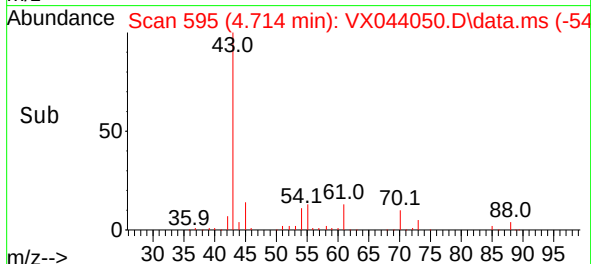
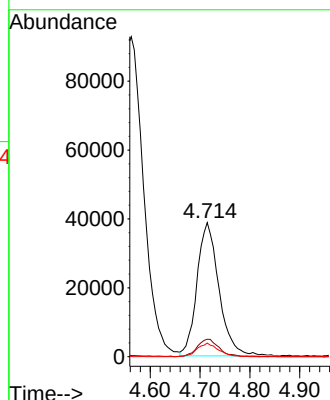
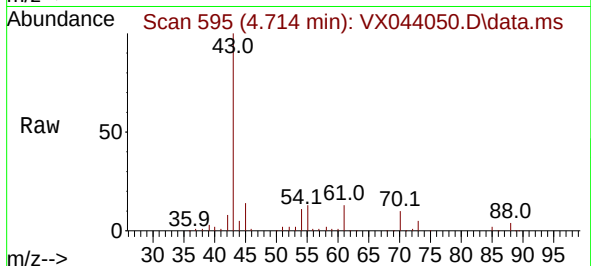
Tgt Ion: 43 Resp: 11875
 Ion Ratio Lower Upper
 43 100
 61 12.9 10.7 16.1
 70 9.8 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#38

Carbon Tetrachloride

Concen: 52.261 ug/l

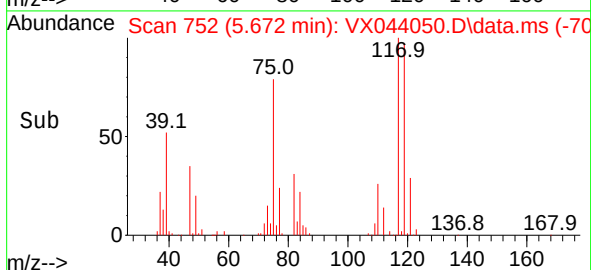
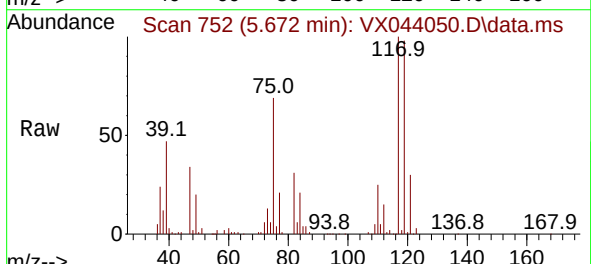
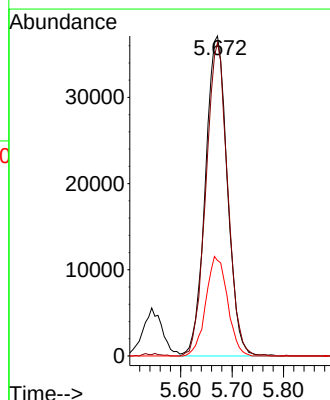
RT: 5.672 min Scan# 752

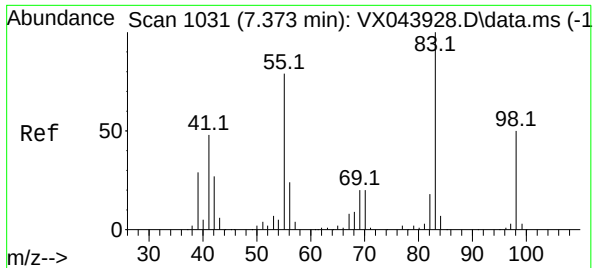
Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Tgt Ion:117 Resp: 110213
 Ion Ratio Lower Upper
 117 100
 119 97.8 75.2 112.8
 121 29.9 24.5 36.7





#39

Methylcyclohexane

Concen: 48.120 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 117329

Ion Ratio Lower Upper

83 100

55 77.2 63.1 94.7

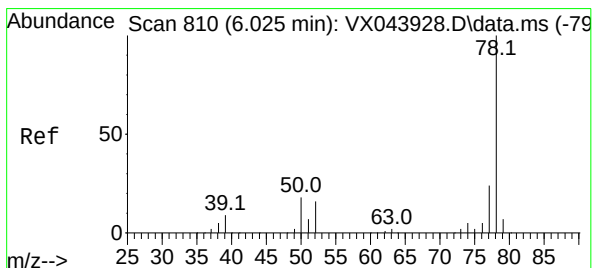
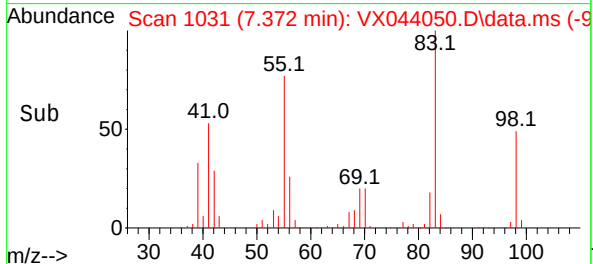
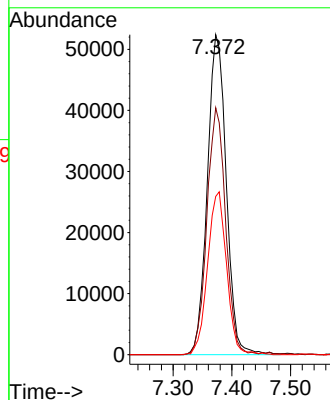
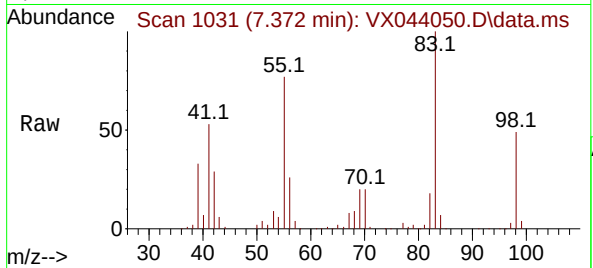
98 49.4 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#40

Benzene

Concen: 52.039 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044050.D

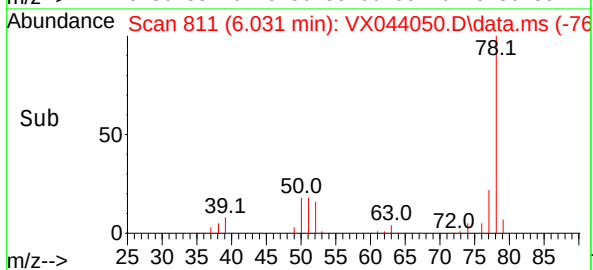
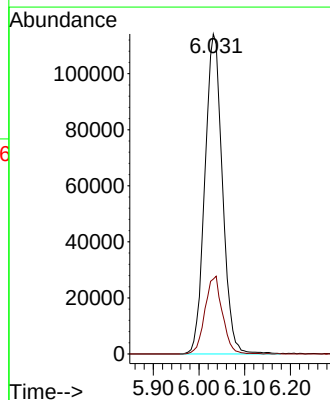
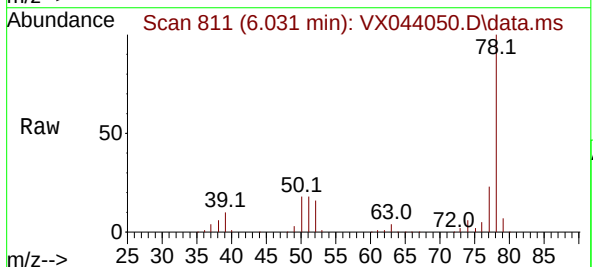
Acq: 27 Nov 2024 18:52

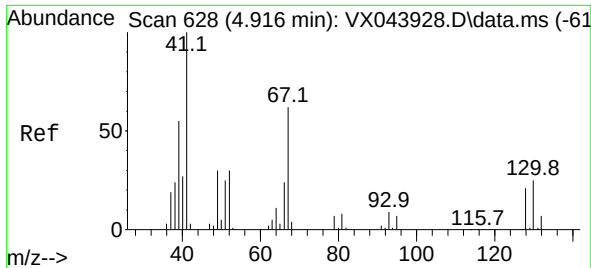
Tgt Ion: 78 Resp: 304230

Ion Ratio Lower Upper

78 100

77 23.4 19.2 28.8





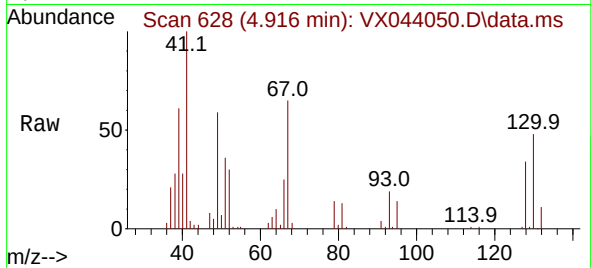
#41
Methacrylonitrile
Concen: 53.731 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



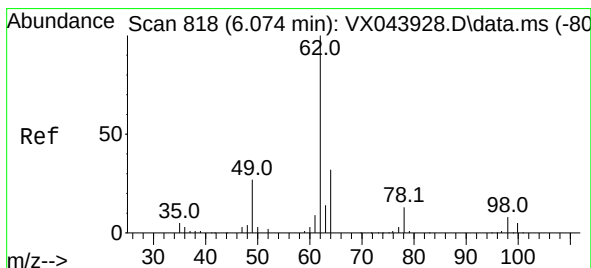
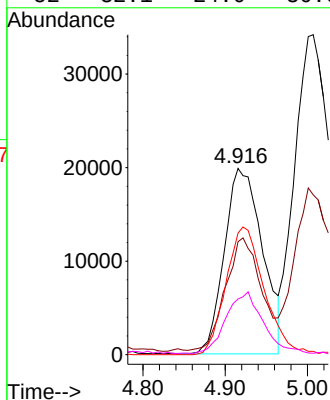
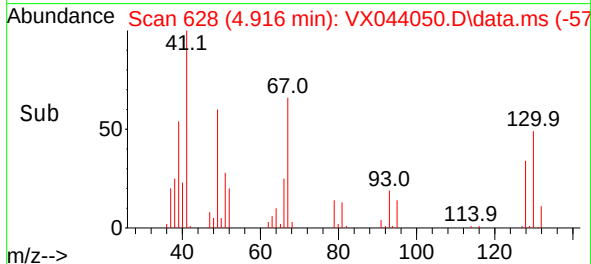
Tgt Ion: 41 Resp: 64070
Ion Ratio Lower Upper
41 100
39 55.1 41.7 62.5
67 69.6 55.8 83.8
52 32.1 24.0 36.0

Manual Integrations

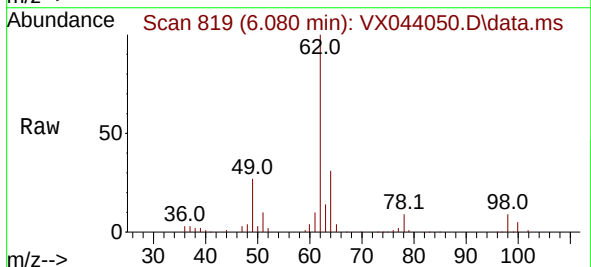
APPROVED

Reviewed By :John Carlone 12/02/2024

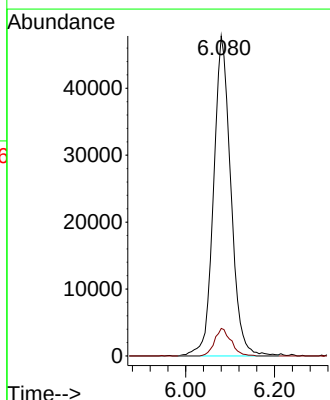
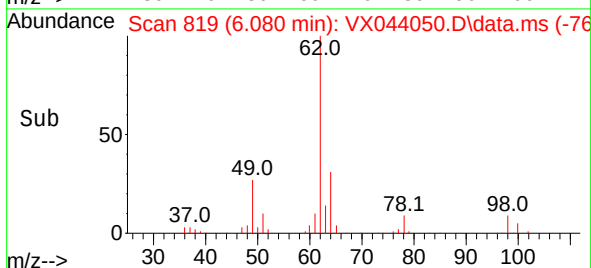
Supervised By :Mahesh Dadoda 12/02/2024

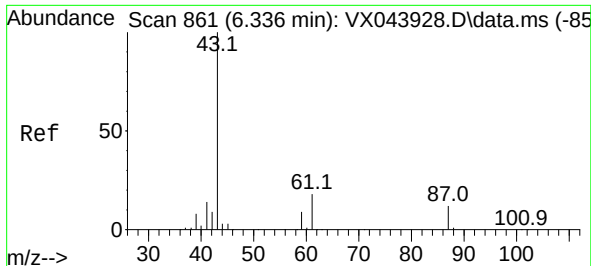


#42
1,2-Dichloroethane
Concen: 54.863 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52



Tgt Ion: 62 Resp: 128818
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.4





#43

Isopropyl Acetate

Concen: 54.423 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 201784

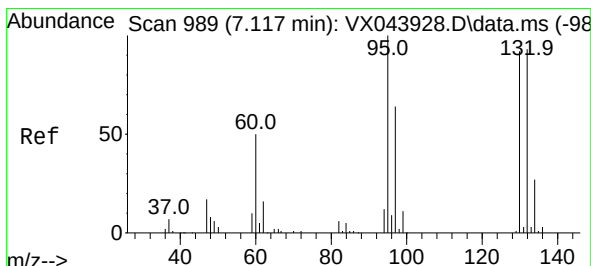
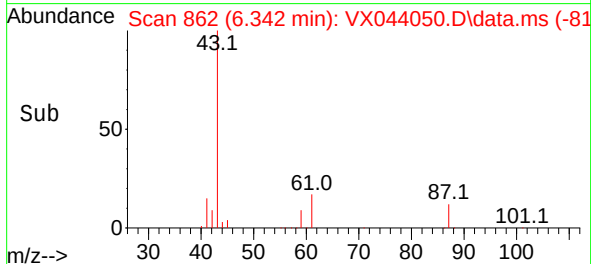
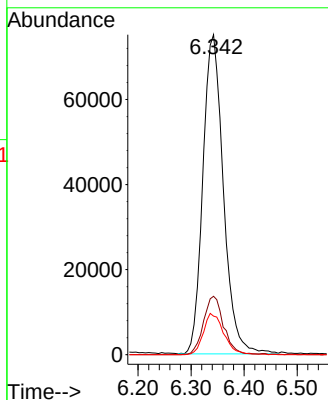
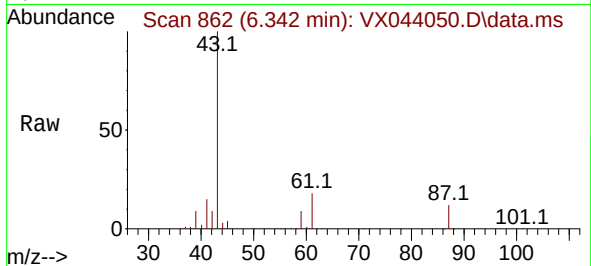
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.5	21.7
87	12.9	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#44

Trichloroethene

Concen: 43.859 ug/l

RT: 7.123 min Scan# 990

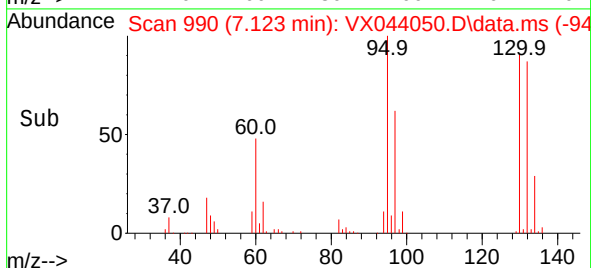
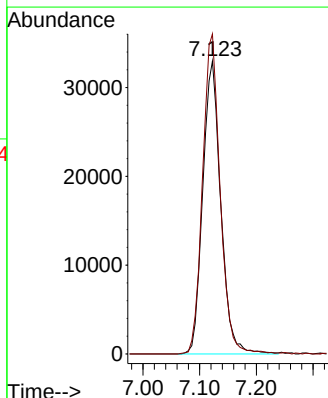
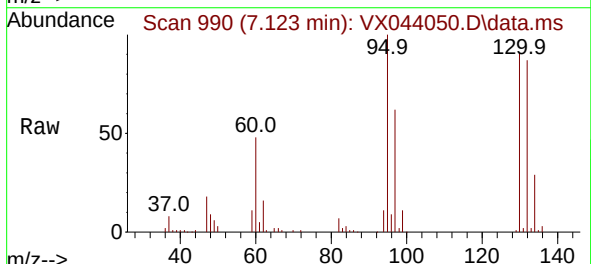
Delta R.T. 0.006 min

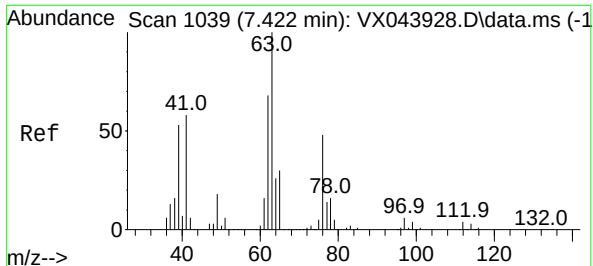
Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Tgt Ion:130 Resp: 72586

Ion	Ratio	Lower	Upper
130	100		
95	109.3	0.0	217.8





#45

1,2-Dichloropropane

Concen: 54.002 ug/l

RT: 7.427 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 77324

Ion Ratio Lower Upper

63 100

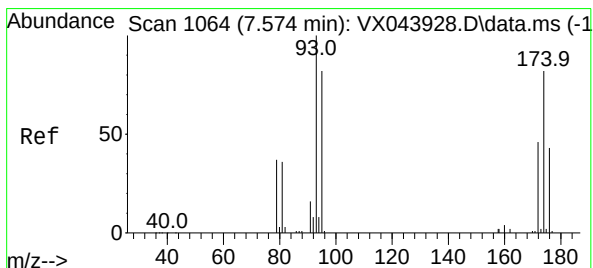
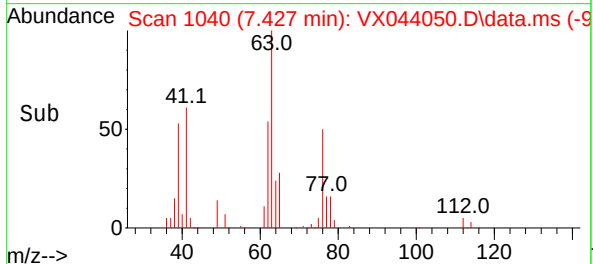
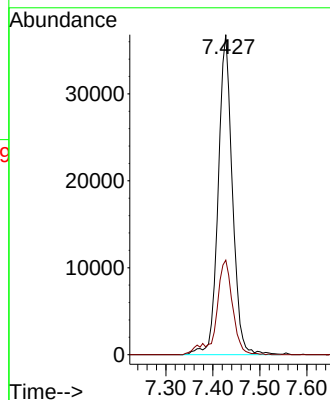
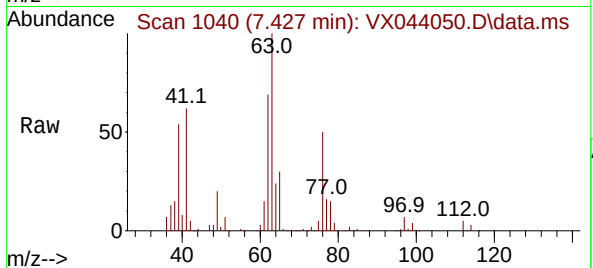
65 29.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#46

Dibromomethane

Concen: 53.829 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

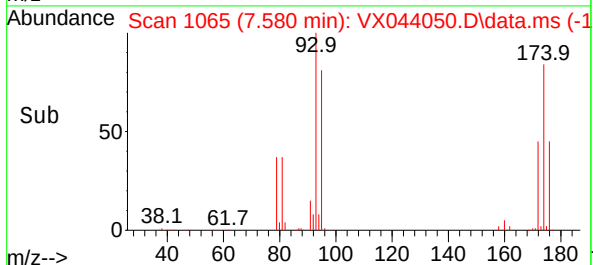
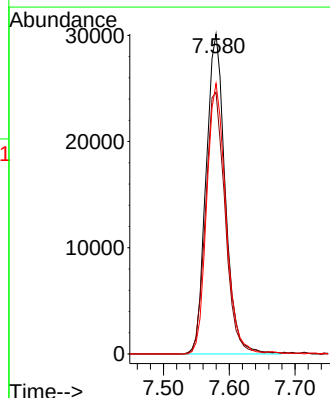
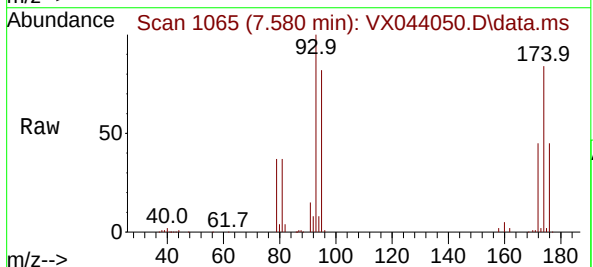
Tgt Ion: 93 Resp: 60971

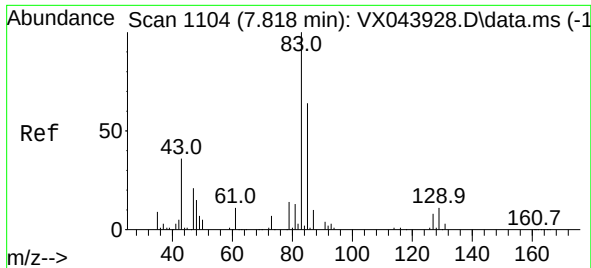
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 84.6 69.6 104.4





#47
Bromodichloromethane
Concen: 56.141 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

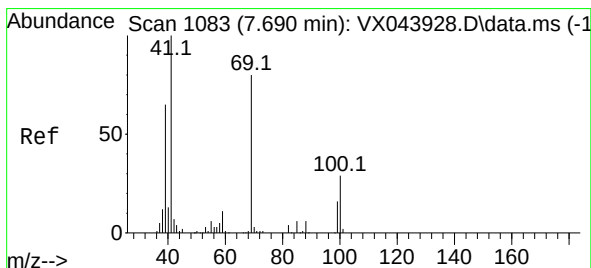
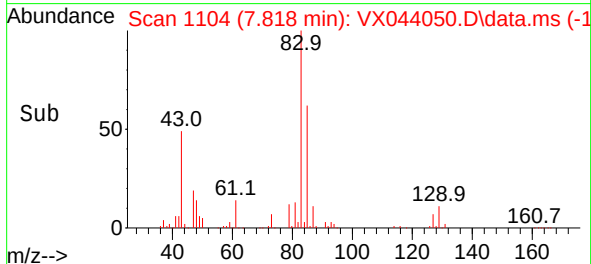
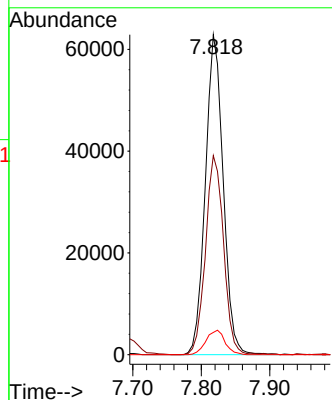
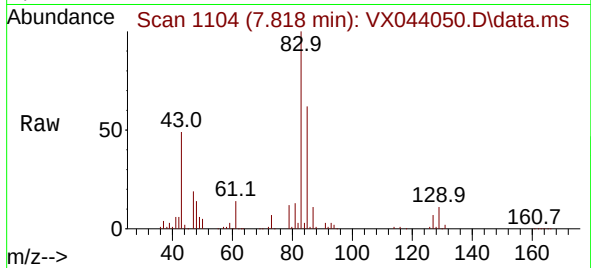
Tgt Ion: 83 Resp: 11404
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.0
127 6.9 6.6 10.0

Manual Integrations

APPROVED

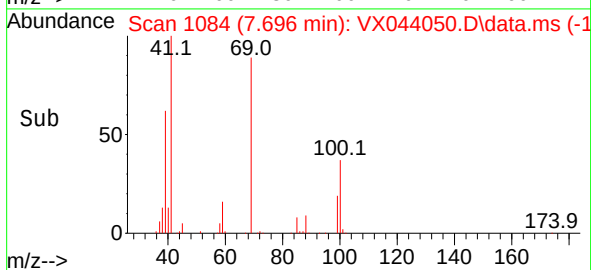
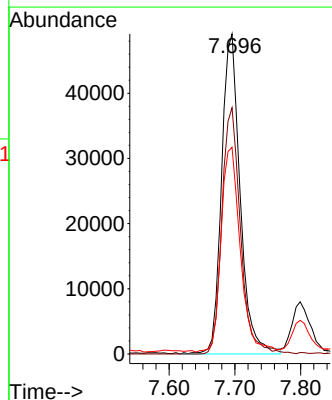
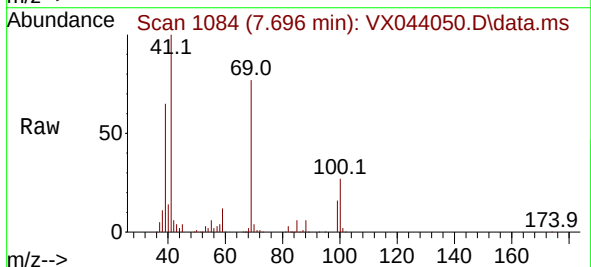
Reviewed By :John Carlone 12/02/2024

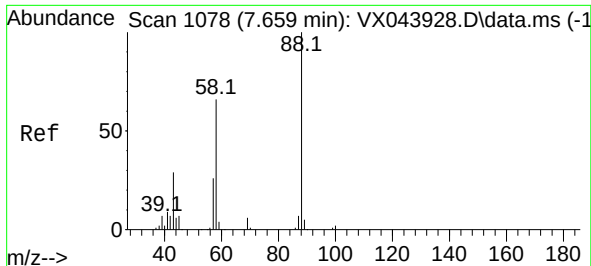
Supervised By :Mahesh Dadoda 12/02/2024



#48
Methyl methacrylate
Concen: 54.301 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion: 41 Resp: 96608
Ion Ratio Lower Upper
41 100
69 76.5 64.6 97.0
39 65.9 53.3 79.9





#49

1,4-Dioxane

Concen: 1057.830 ug/l m

RT: 7.665 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

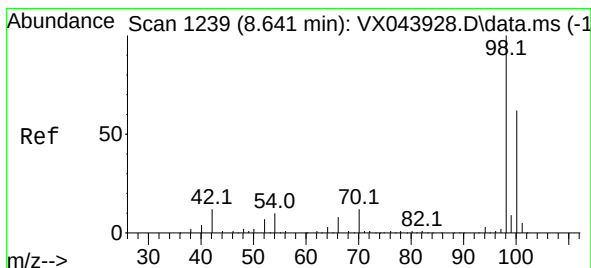
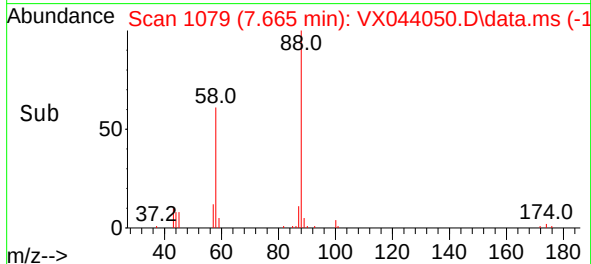
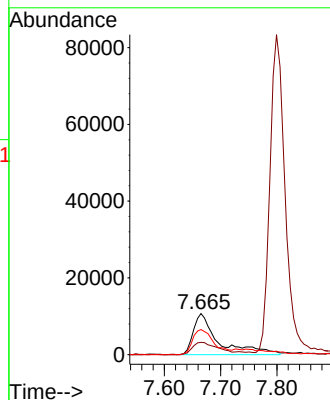
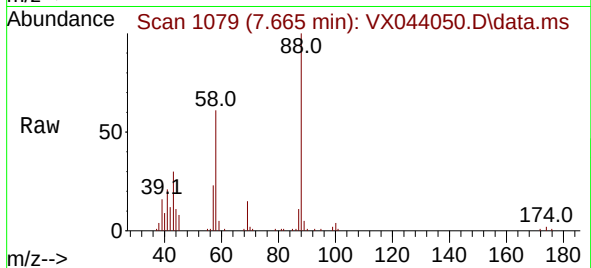
Tgt Ion: 88 Resp: 33524
 Ion Ratio Lower Upper
 88 100
 43 30.5 26.8 40.2
 58 51.9 45.4 68.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#50

Toluene-d8

Concen: 54.924 ug/l

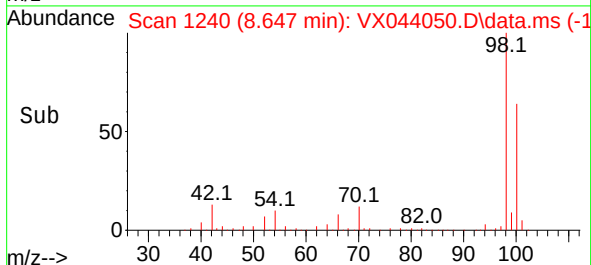
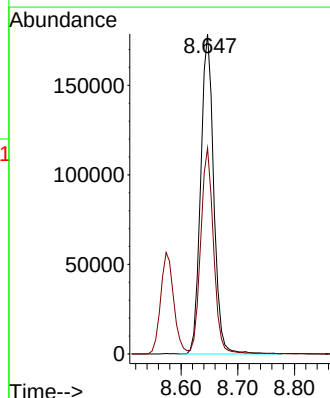
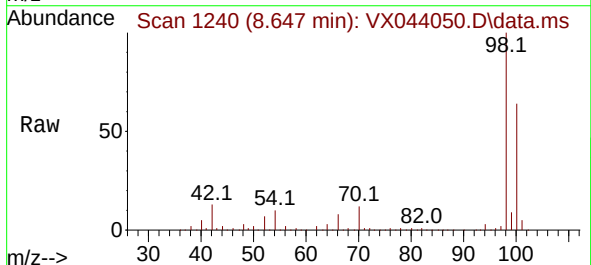
RT: 8.647 min Scan# 1240

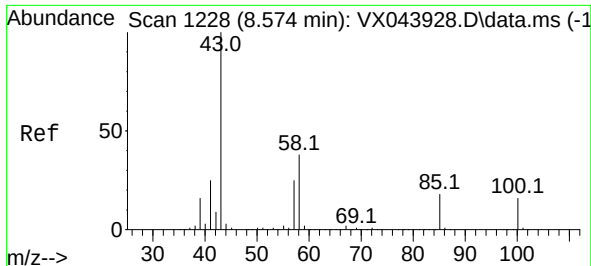
Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Tgt Ion: 98 Resp: 285159
 Ion Ratio Lower Upper
 98 100
 100 63.0 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 269.752 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDC0050EC

Tgt Ion: 43 Resp: 610349

Ion Ratio Lower Upper

43 100

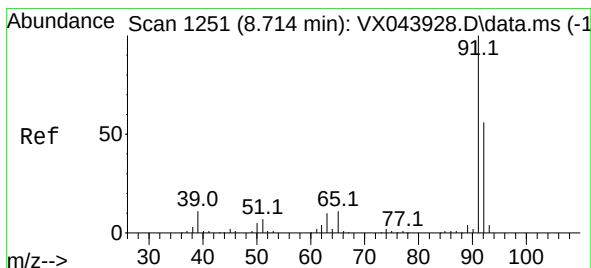
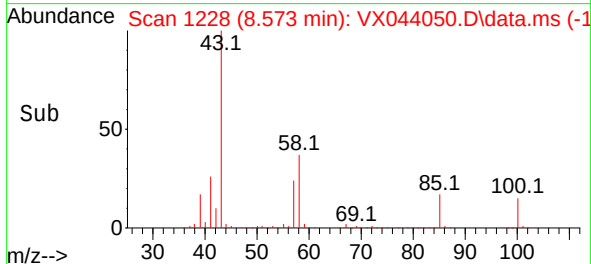
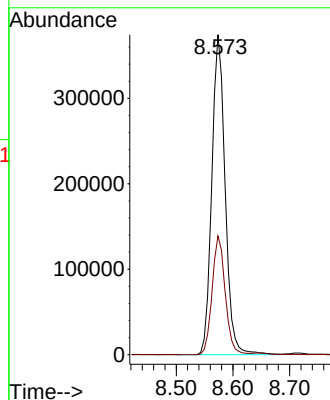
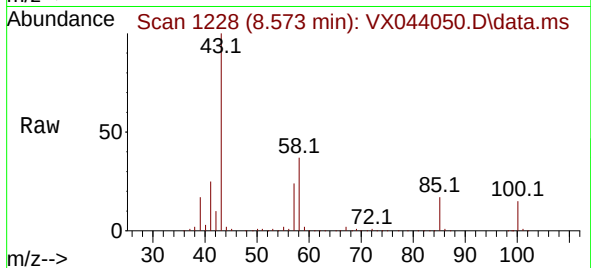
58 36.6 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#52

Toluene

Concen: 54.762 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044050.D

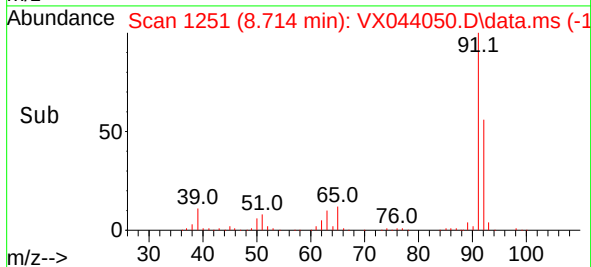
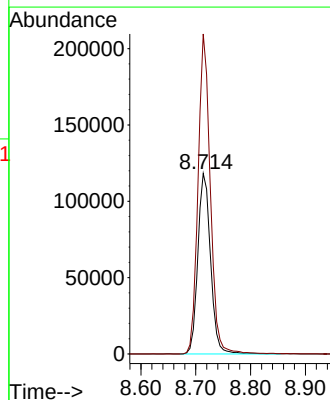
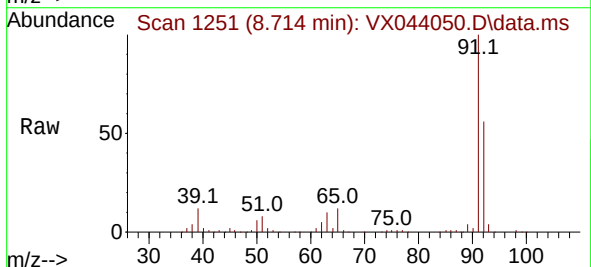
Acq: 27 Nov 2024 18:52

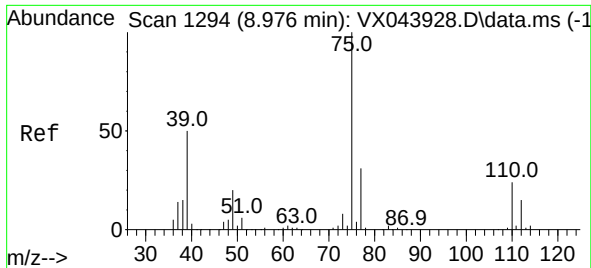
Tgt Ion: 92 Resp: 191620

Ion Ratio Lower Upper

92 100

91 170.6 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 55.866 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

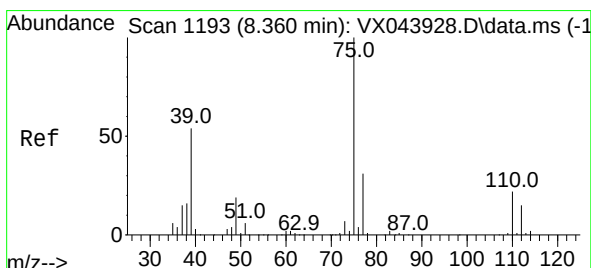
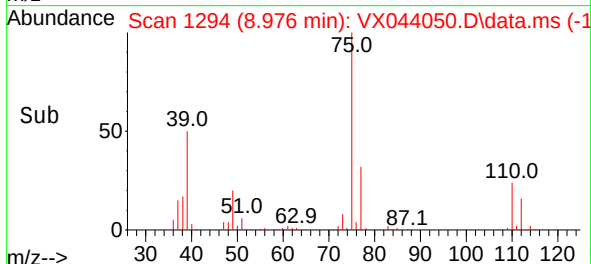
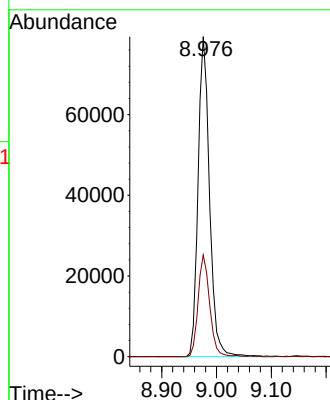
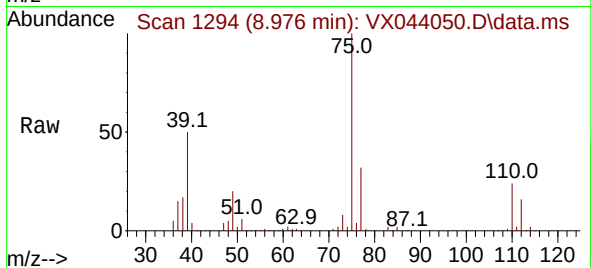
VSTDCCC050EC

Tgt Ion: 75 Resp: 115730
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

Manual Integrations

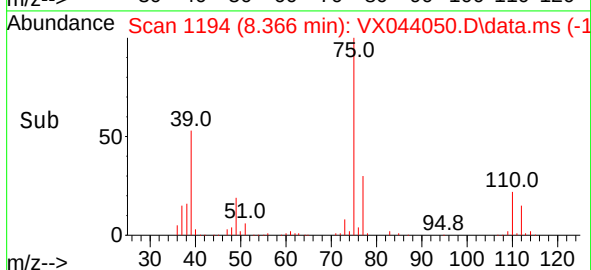
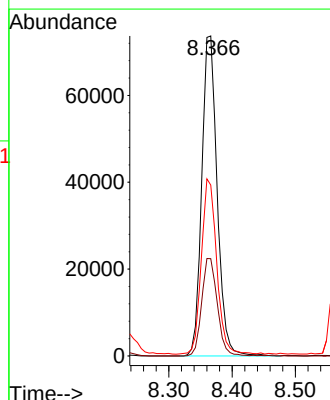
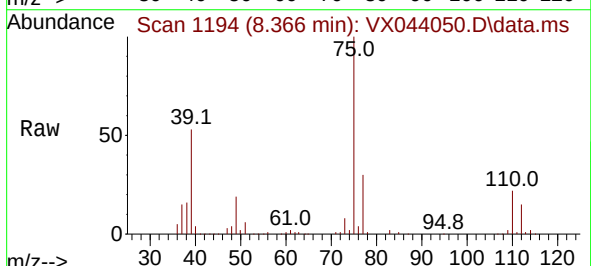
APPROVED

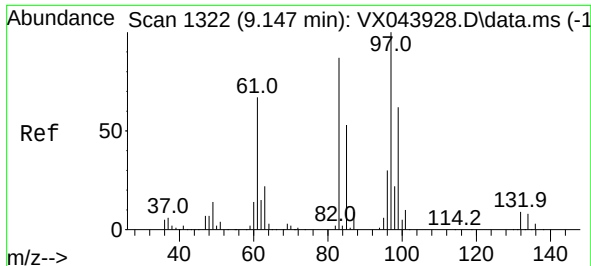
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#54
cis-1,3-Dichloropropene
Concen: 55.077 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion: 75 Resp: 125078
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8
39 52.7 43.1 64.7





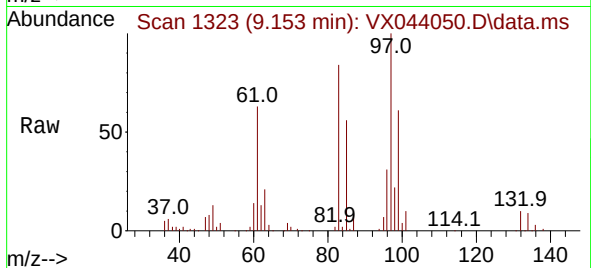
#55
1,1,2-Trichloroethane
Concen: 53.779 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



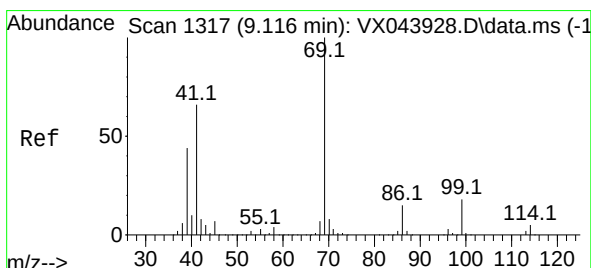
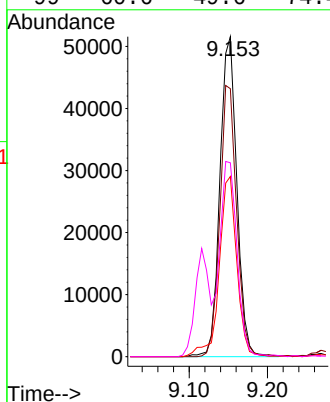
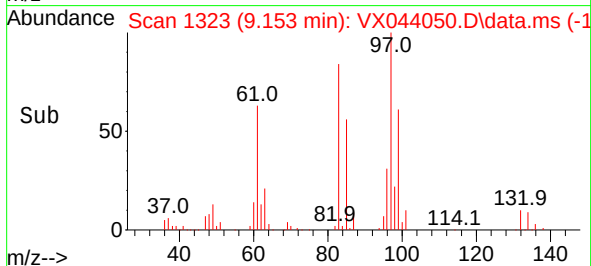
Tgt Ion: 97 Resp: 7768
Ion Ratio Lower Upper
97 100
83 83.8 69.4 104.0
85 56.3 42.3 63.5
99 60.6 49.6 74.4

Manual Integrations

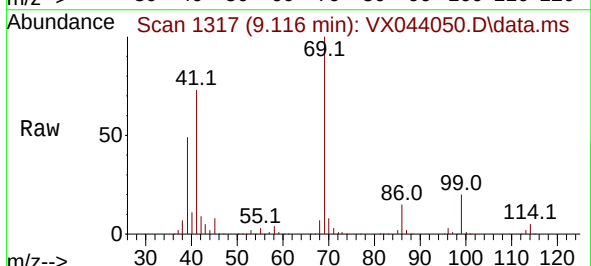
APPROVED

Reviewed By :John Carlone 12/02/2024

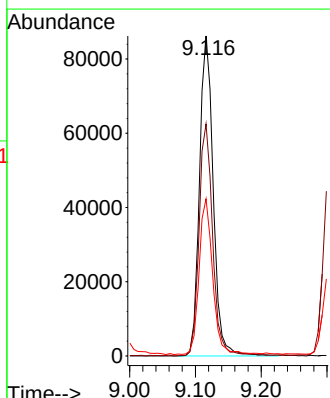
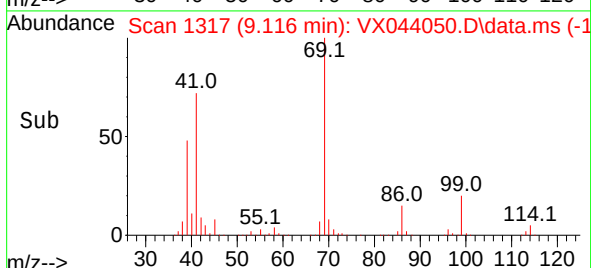
Supervised By :Mahesh Dadoda 12/02/2024

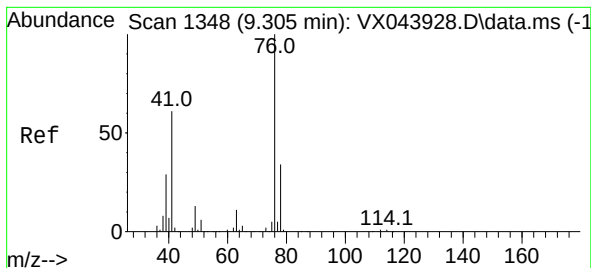


#56
Ethyl methacrylate
Concen: 55.750 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52



Tgt Ion: 69 Resp: 125428
Ion Ratio Lower Upper
69 100
41 72.1 55.8 83.8
39 47.9 36.7 55.1





#57

1,3-Dichloropropane

Concen: 54.478 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 132550

Ion Ratio Lower Upper

76 100

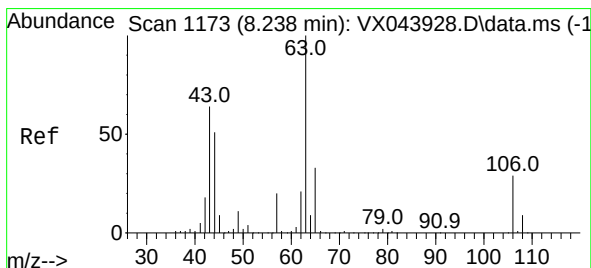
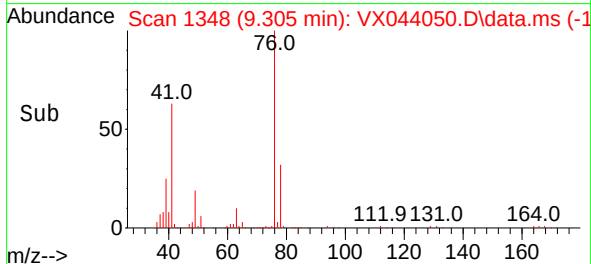
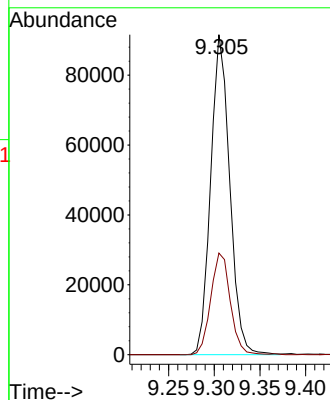
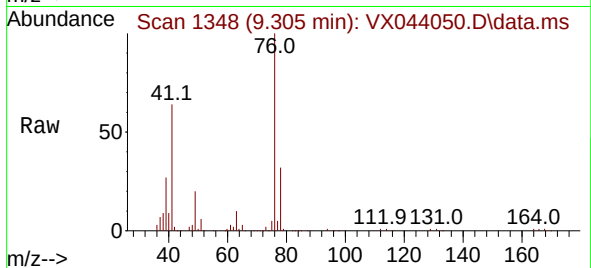
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#58

2-Chloroethyl Vinyl ether

Concen: 250.399 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044050.D

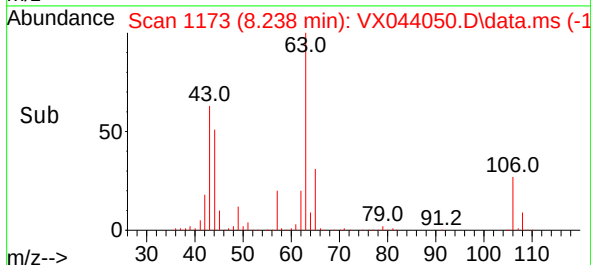
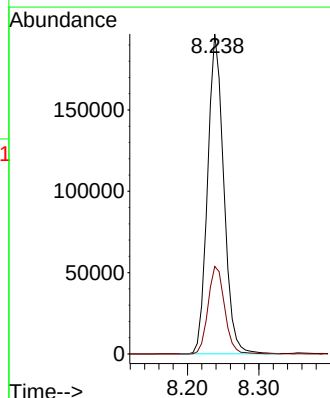
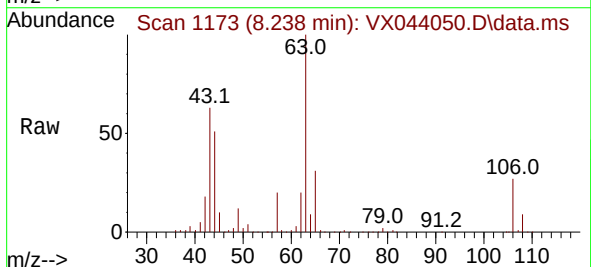
Acq: 27 Nov 2024 18:52

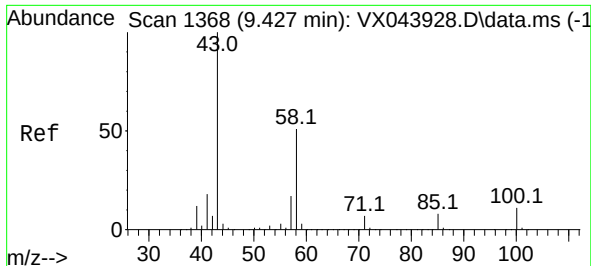
Tgt Ion: 63 Resp: 308767

Ion Ratio Lower Upper

63 100

106 28.0 23.0 34.6





#59

2-Hexanone

Concen: 264.663 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 450099

Ion Ratio Lower Upper

43 100

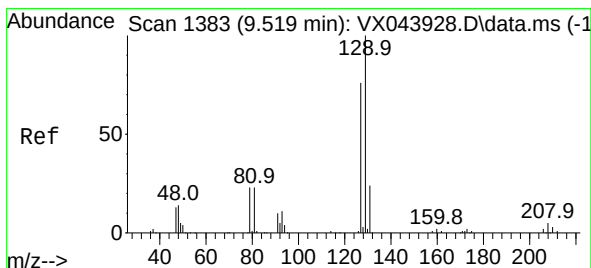
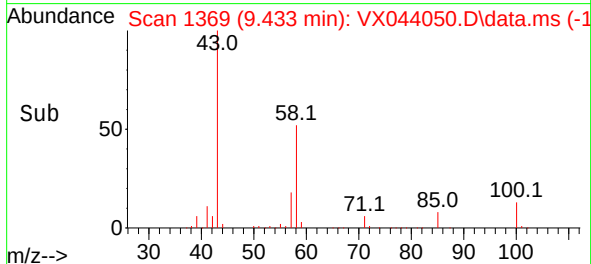
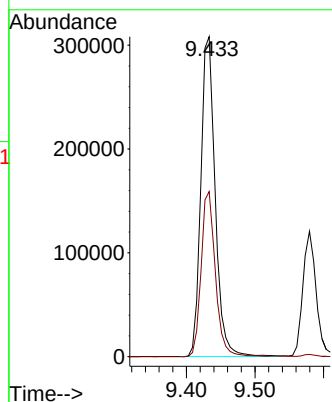
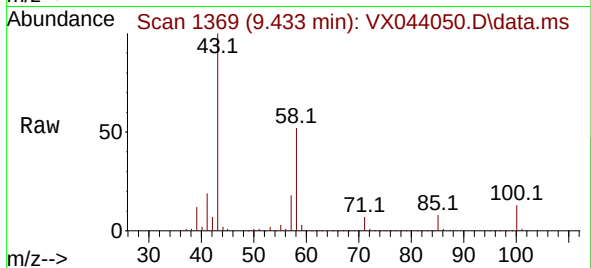
58 51.3 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#60

Dibromochloromethane

Concen: 55.278 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044050.D

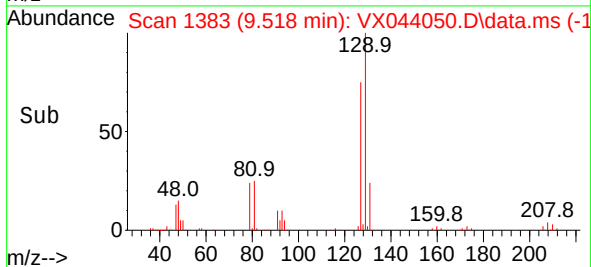
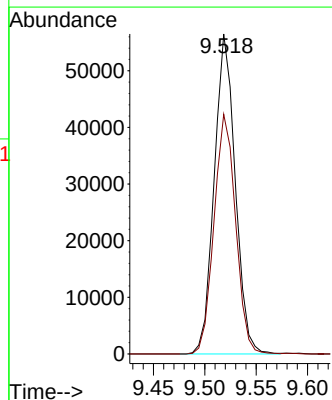
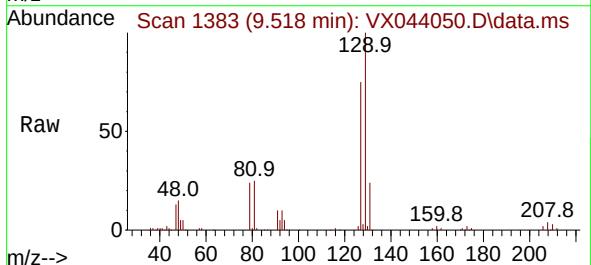
Acq: 27 Nov 2024 18:52

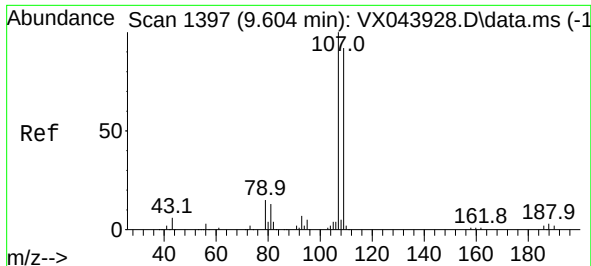
Tgt Ion:129 Resp: 80111

Ion Ratio Lower Upper

129 100

127 76.9 38.2 114.6





#61
1,2-Dibromoethane
Concen: 54.726 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

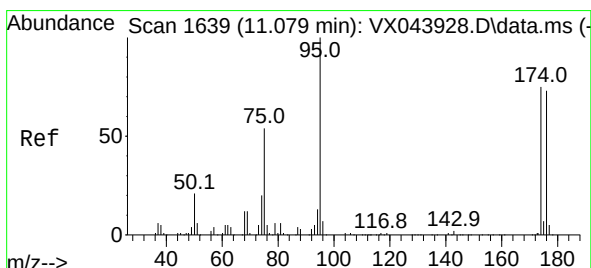
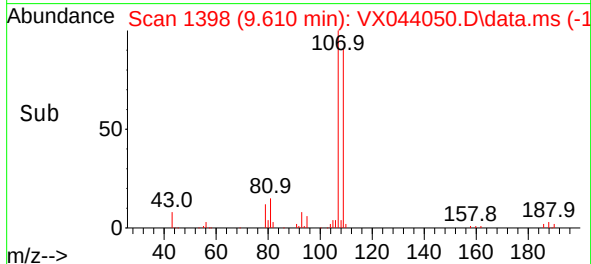
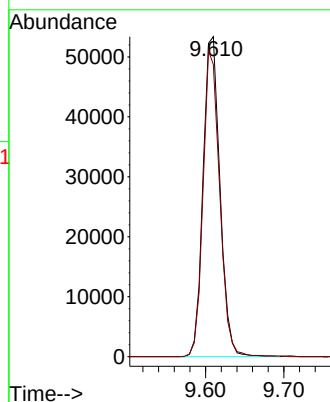
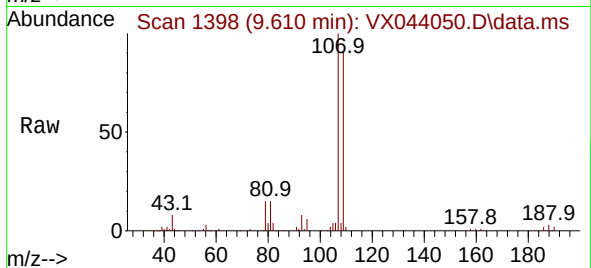
VSTDCCC050EC

Tgt Ion:107 Resp: 79930
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

Manual Integrations

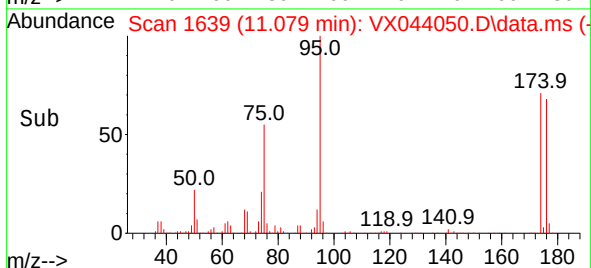
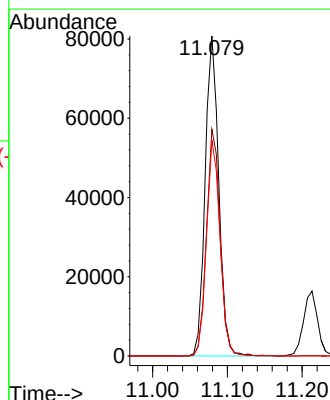
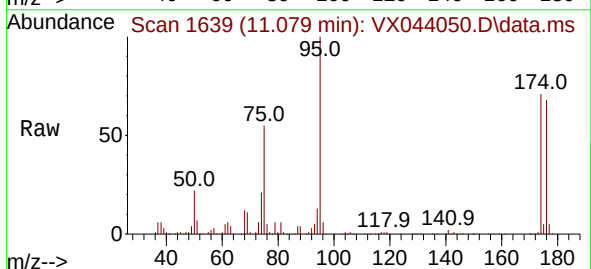
APPROVED

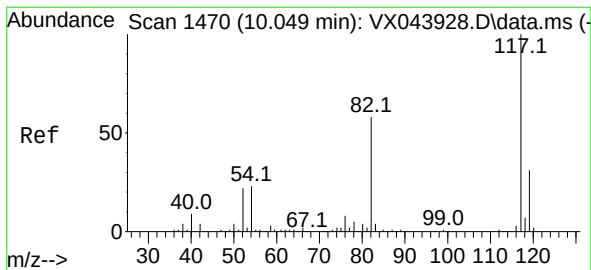
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#62
4-Bromofluorobenzene
Concen: 57.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

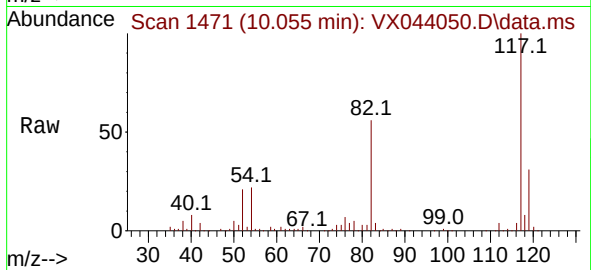
Tgt Ion: 95 Resp: 101837
Ion Ratio Lower Upper
95 100
174 70.9 0.0 150.4
176 67.3 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

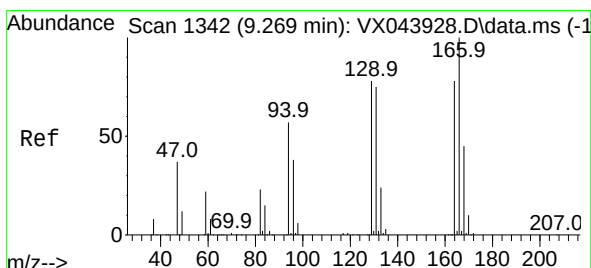
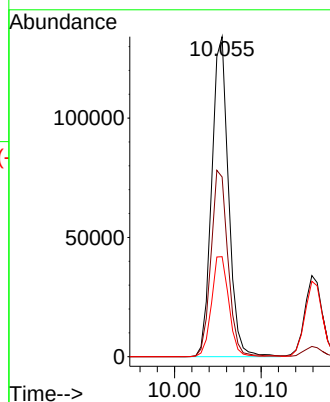
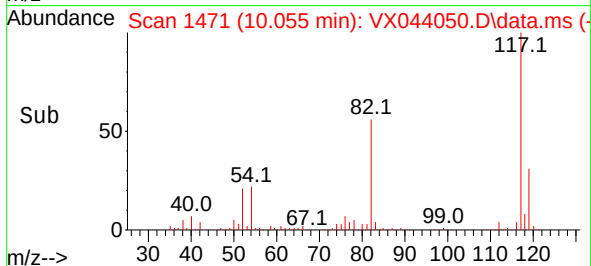
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 180610
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 31.3 24.6 37.0

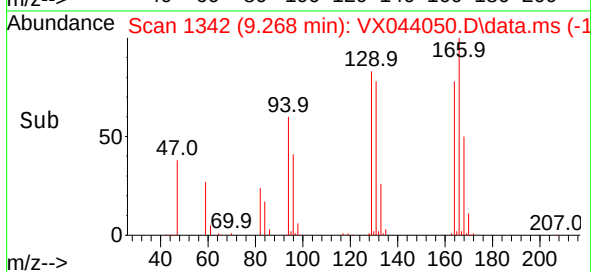
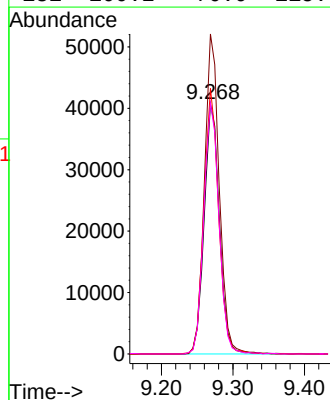
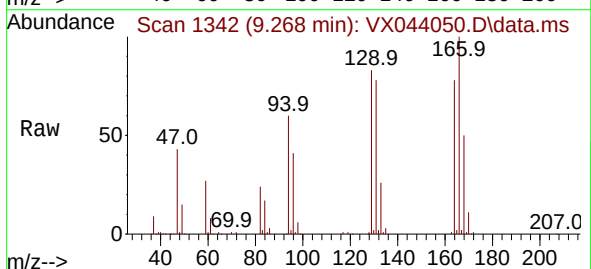
Manual Integrations
APPROVED

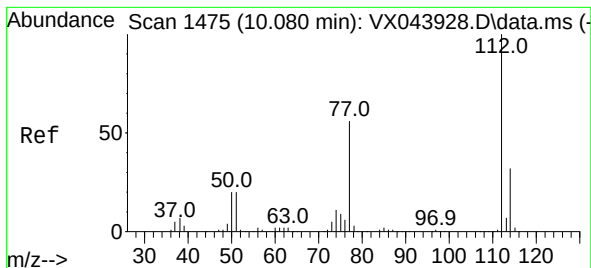
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#64
Tetrachloroethene
Concen: 50.521 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion:164 Resp: 60168
Ion Ratio Lower Upper
164 100
166 128.0 102.1 153.1
129 106.2 79.6 119.4
131 100.2 76.9 115.3





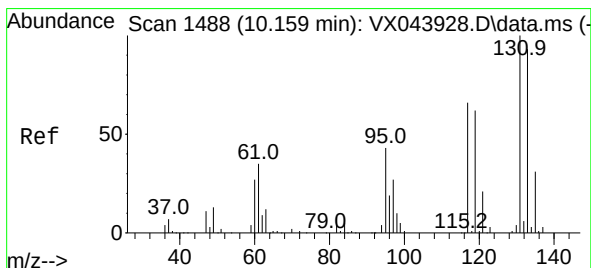
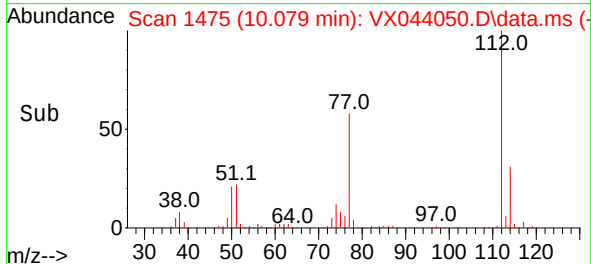
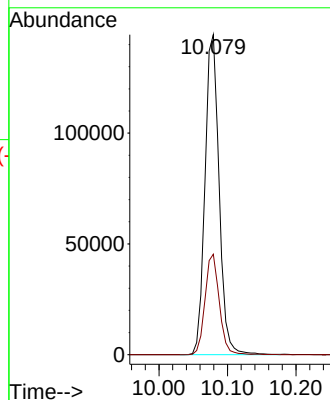
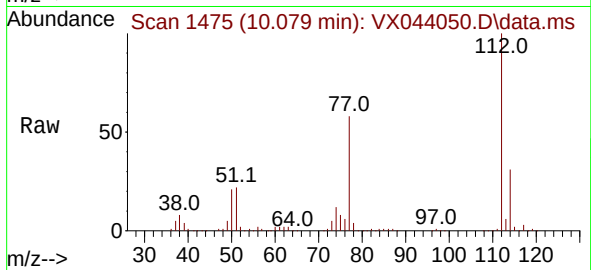
#65
Chlorobenzene
Concen: 52.267 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 207330
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

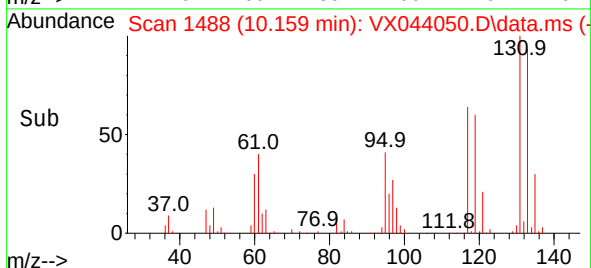
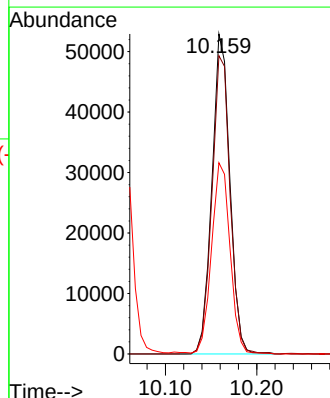
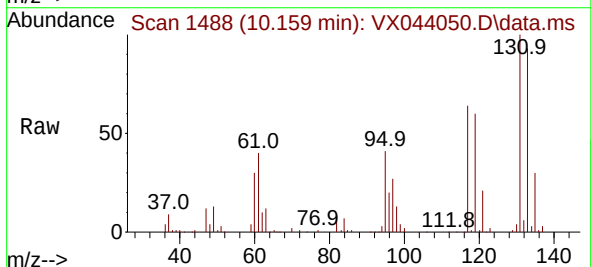
Manual Integrations
APPROVED

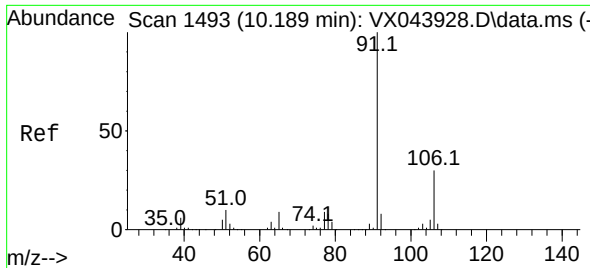
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.875 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

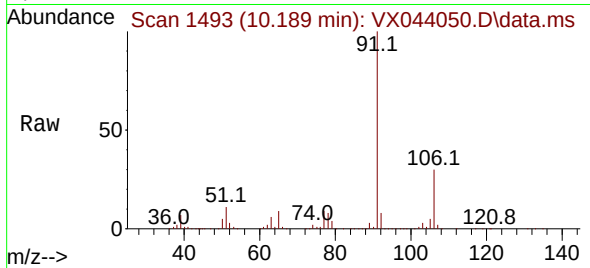
Tgt Ion:131 Resp: 71883
Ion Ratio Lower Upper
131 100
133 94.8 48.2 144.6
119 61.9 31.5 94.5





#67
Ethyl Benzene
Concen: 56.596 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

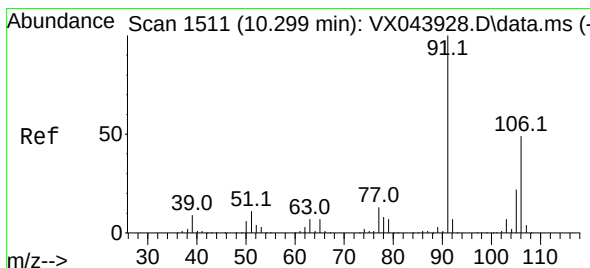
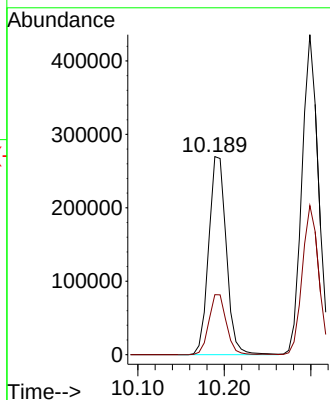
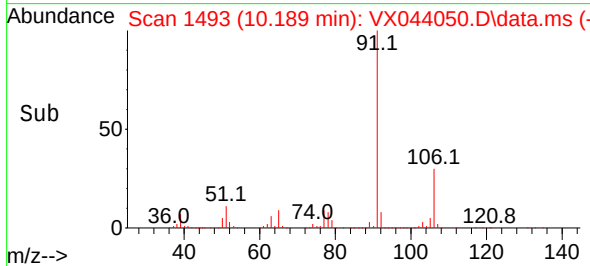
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



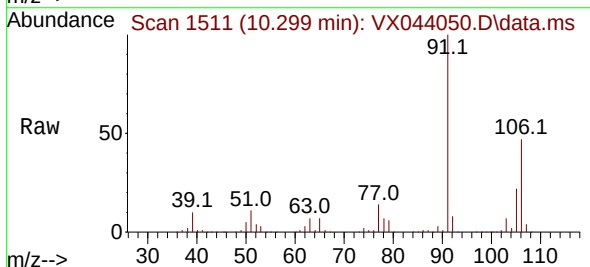
Tgt Ion: 91 Resp: 380429
Ion Ratio Lower Upper
91 100
106 30.3 23.6 35.4

Manual Integrations
APPROVED

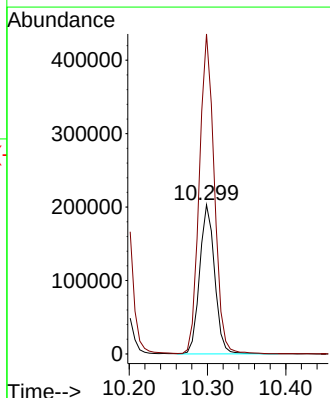
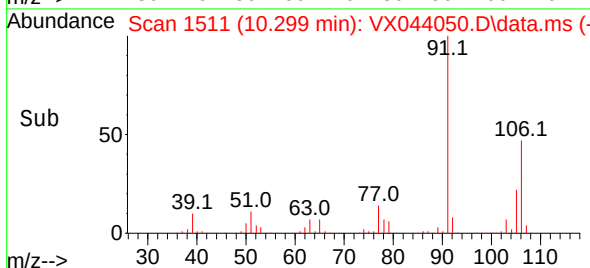
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

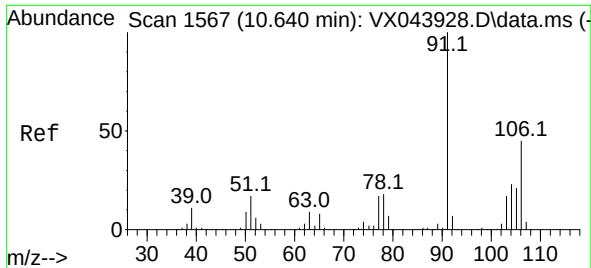


#68
m/p-Xylenes
Concen: 107.735 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52



Tgt Ion:106 Resp: 270061
Ion Ratio Lower Upper
106 100
91 213.9 168.1 252.1





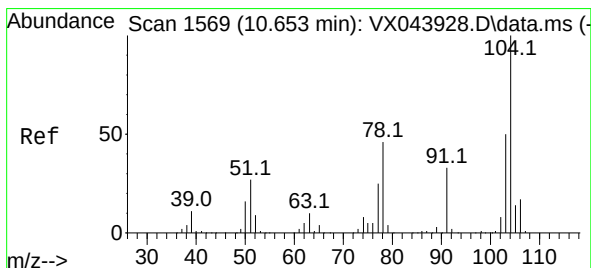
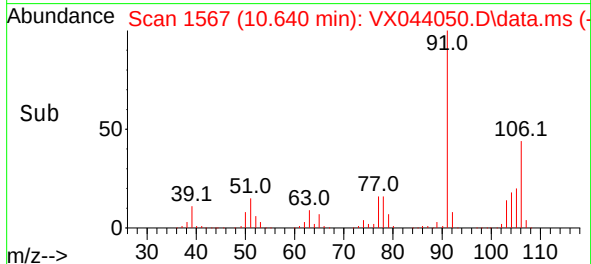
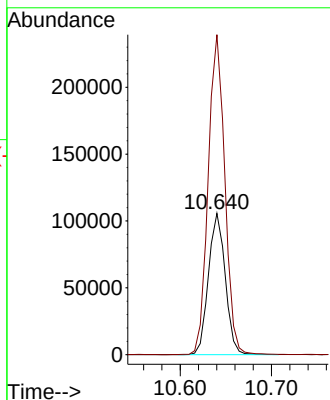
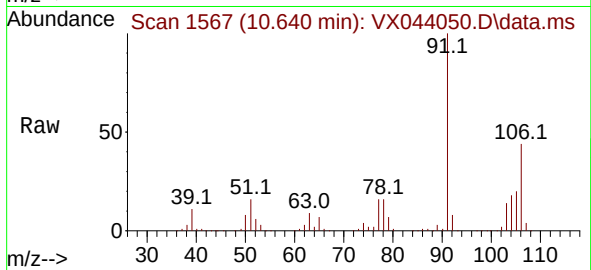
#69
o-Xylene
Concen: 55.159 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 135000
Ion Ratio Lower Upper
106 100
91 224.6 110.2 330.6

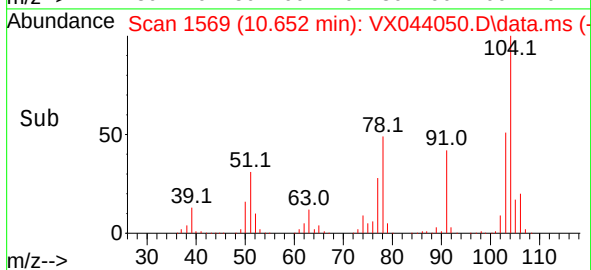
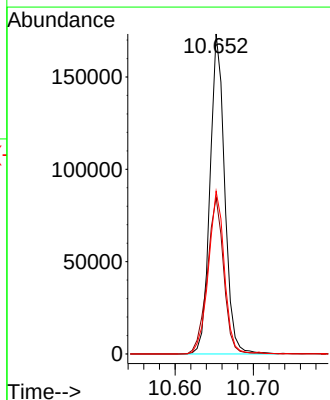
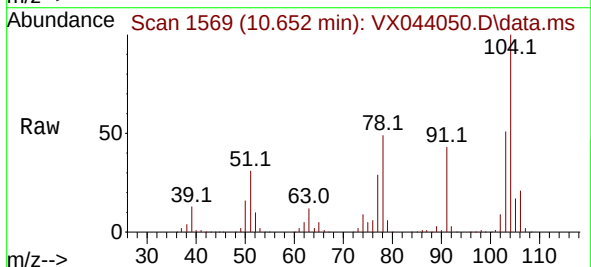
Manual Integrations
APPROVED

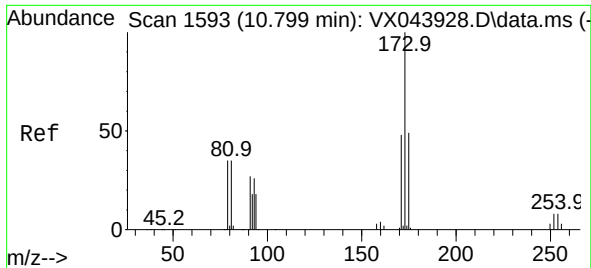
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#70
Styrene
Concen: 55.758 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

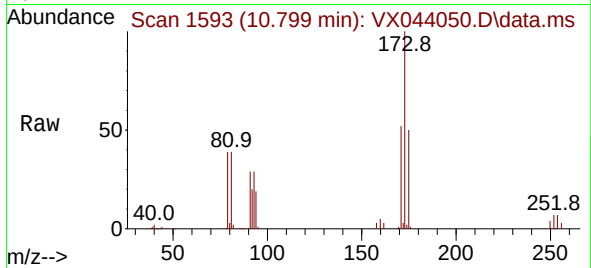
Tgt Ion:104 Resp: 225709
Ion Ratio Lower Upper
104 100
78 54.6 42.2 63.2
103 55.5 44.7 67.1





#71
Bromoform
Concen: 47.597 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

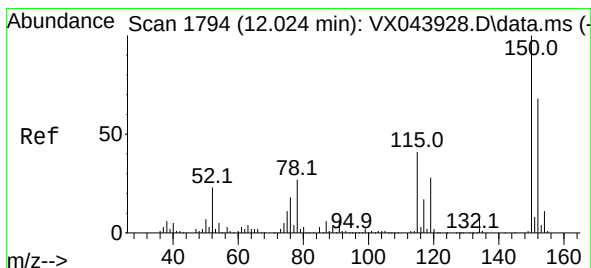
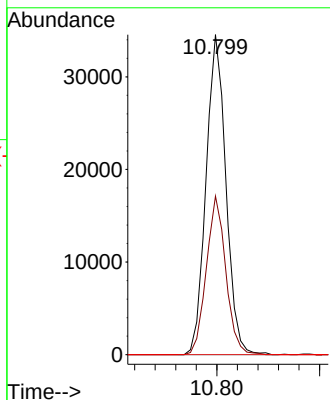
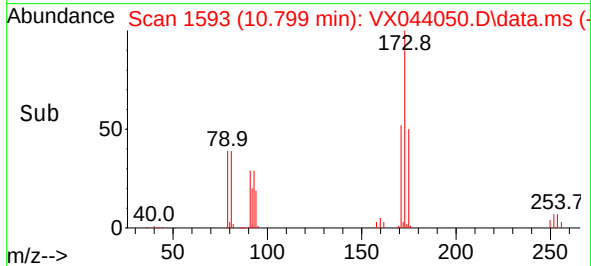
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 46348
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.2
254 0.0 0.0 0.0

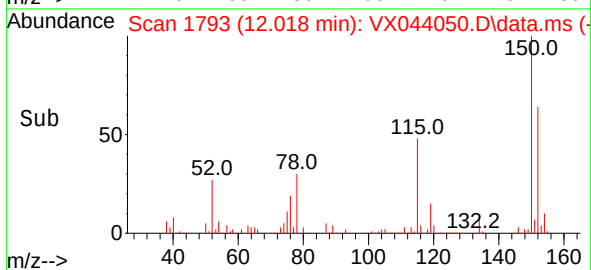
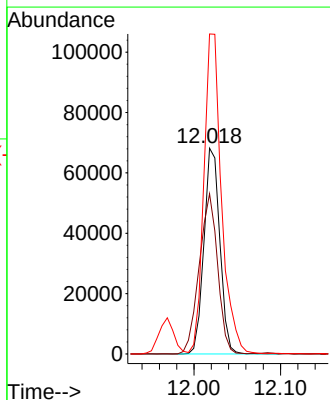
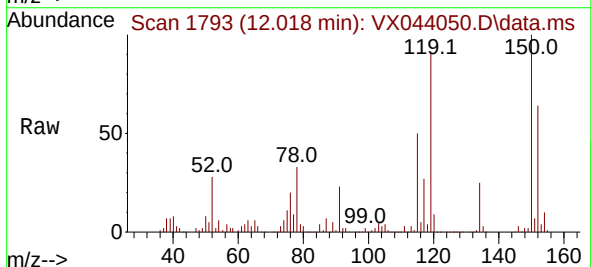
Manual Integrations
APPROVED

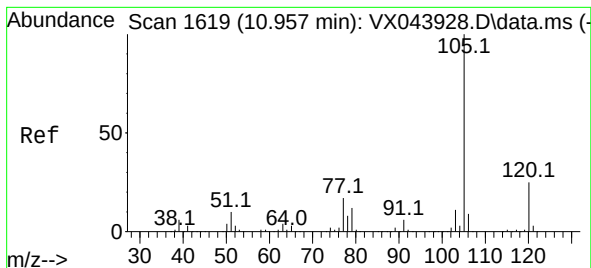
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion:152 Resp: 86900
Ion Ratio Lower Upper
152 100
115 90.0 45.4 136.2
150 172.5 0.0 353.0





#73

Isopropylbenzene

Concen: 52.833 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 35292

Ion Ratio Lower Upper

105 100

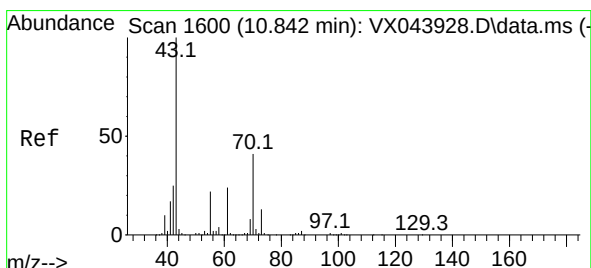
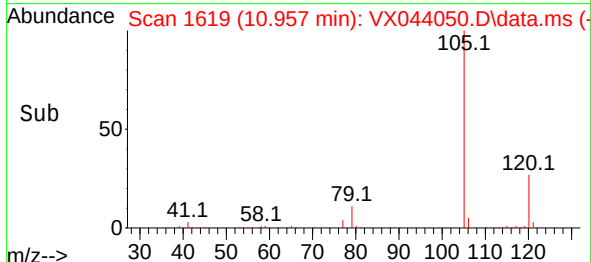
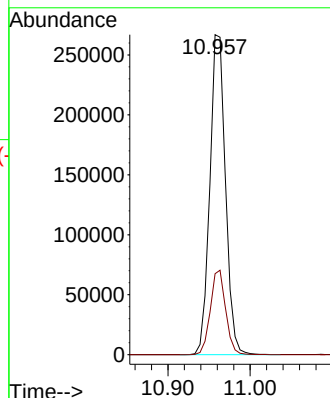
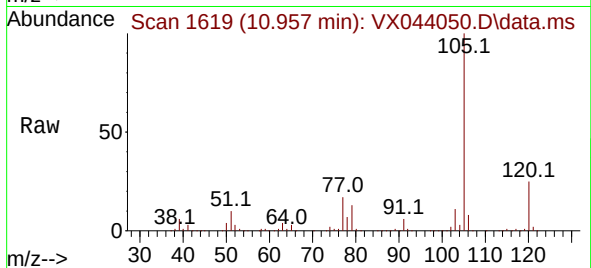
120 25.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#74

N-ethyl acetate

Concen: 56.617 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Tgt Ion: 43 Resp: 175202

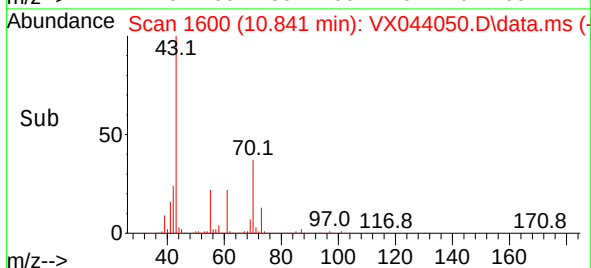
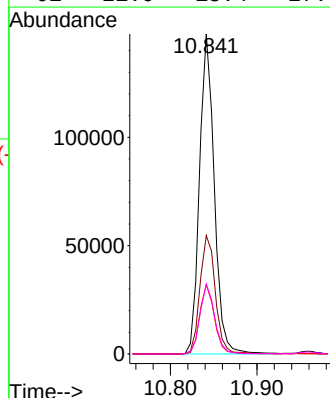
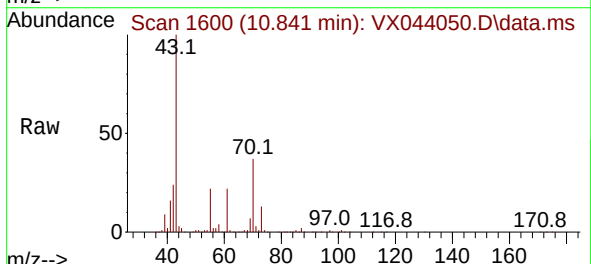
Ion Ratio Lower Upper

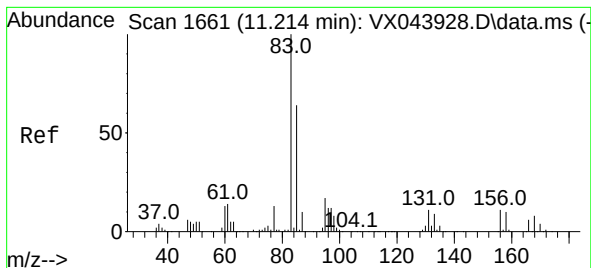
43 100

70 38.7 32.2 48.2

55 21.8 18.1 27.1

61 21.9 18.4 27.6





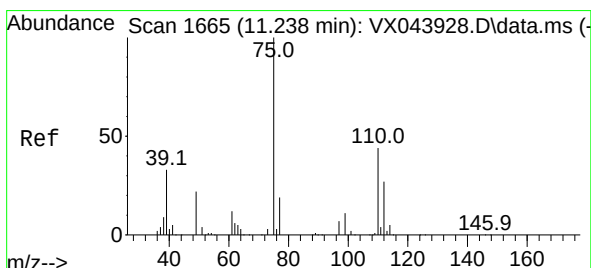
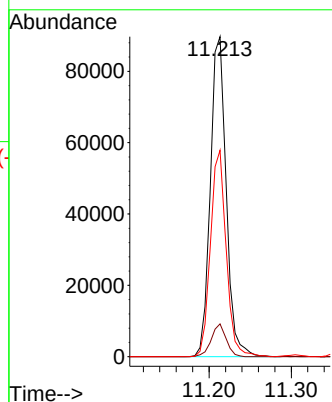
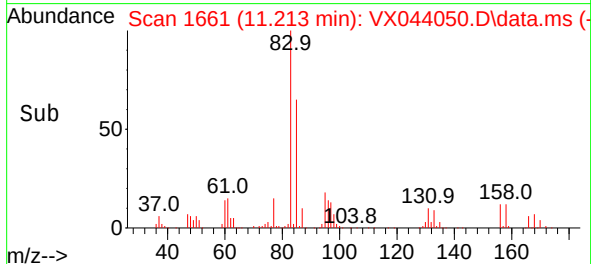
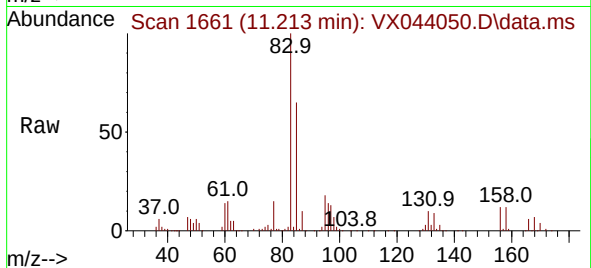
#75
1,1,2,2-Tetrachloroethane
Concen: 52.531 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 120153
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.2
85 64.1 32.2 96.6

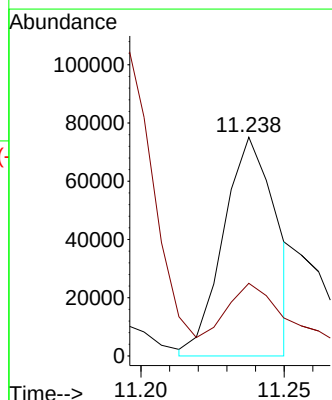
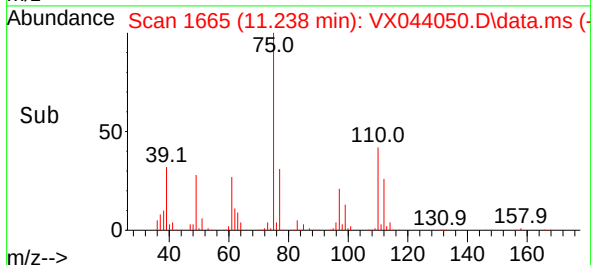
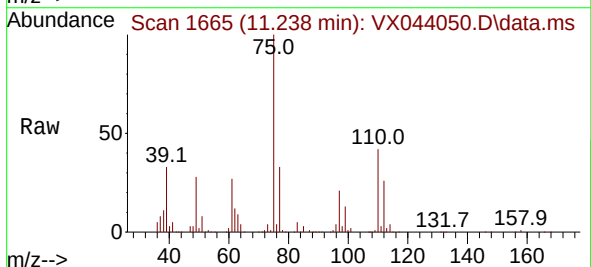
Manual Integrations
APPROVED

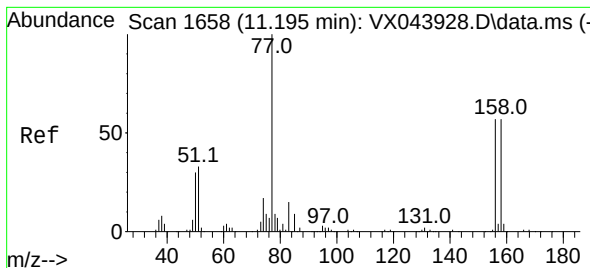
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#76
1,2,3-Trichloropropane
Concen: 50.505 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion: 75 Resp: 96247
Ion Ratio Lower Upper
75 100
77 43.0 21.8 65.3





#77

Bromobenzene

Concen: 52.056 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

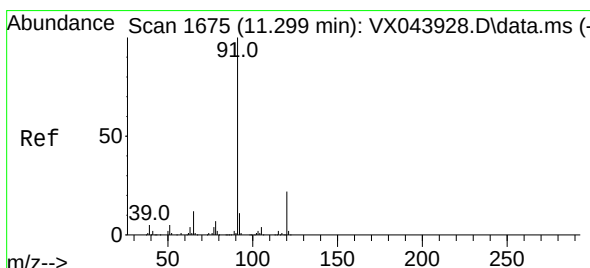
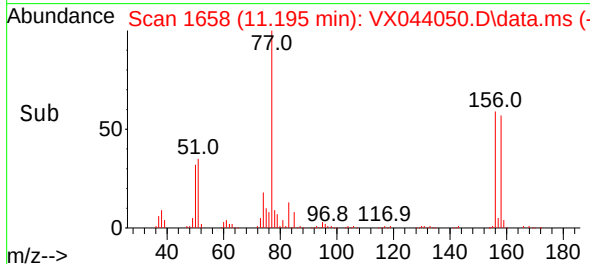
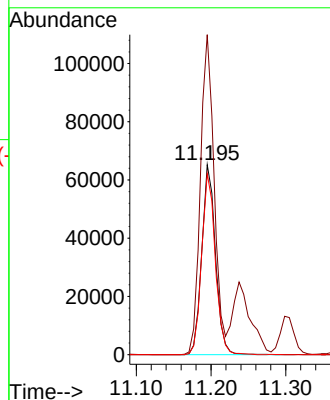
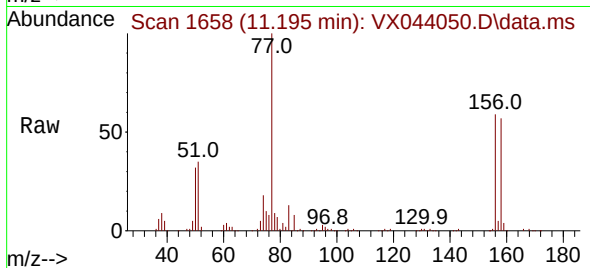
Tgt Ion:156 Resp: 82950
 Ion Ratio Lower Upper
 156 100
 77 169.0 83.4 250.1
 158 95.5 47.6 142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#78

n-propylbenzene

Concen: 53.955 ug/l

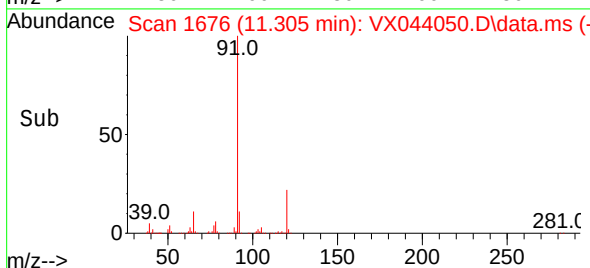
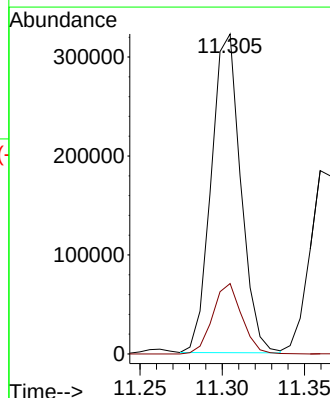
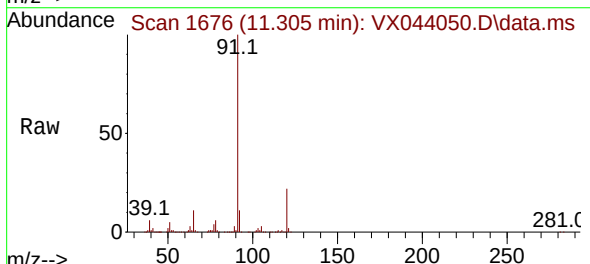
RT: 11.305 min Scan# 1676

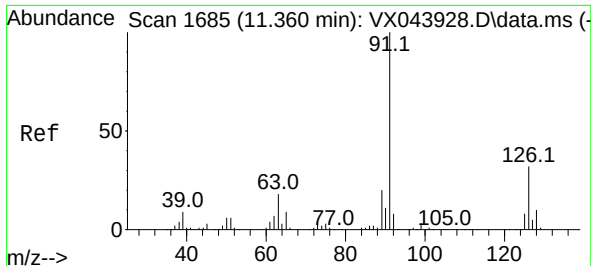
Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Tgt Ion: 91 Resp: 402532
 Ion Ratio Lower Upper
 91 100
 120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.906 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 24015

Ion Ratio Lower Upper

91 100

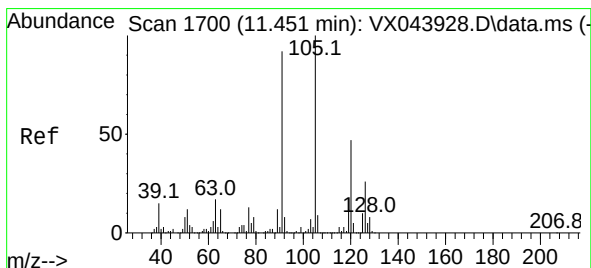
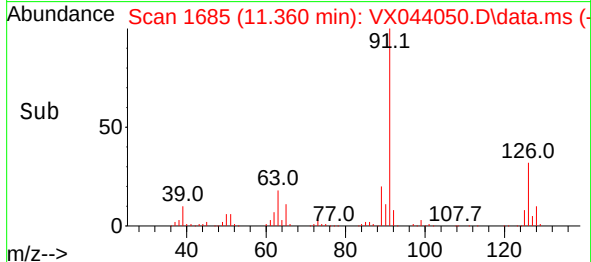
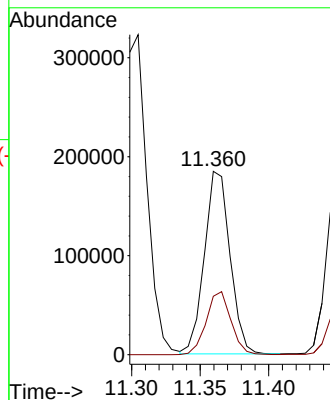
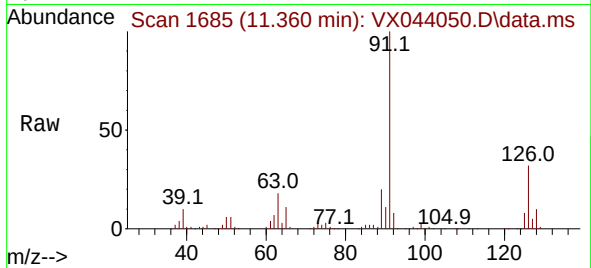
126 33.3 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#80

1,3,5-Trimethylbenzene

Concen: 53.321 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044050.D

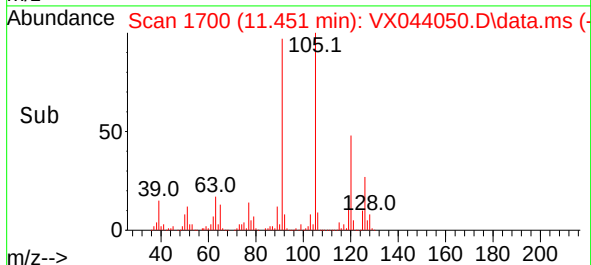
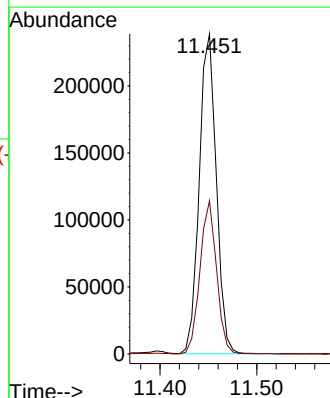
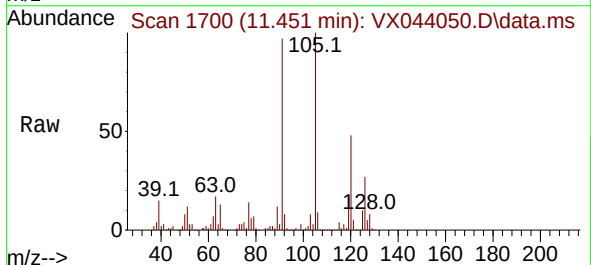
Acq: 27 Nov 2024 18:52

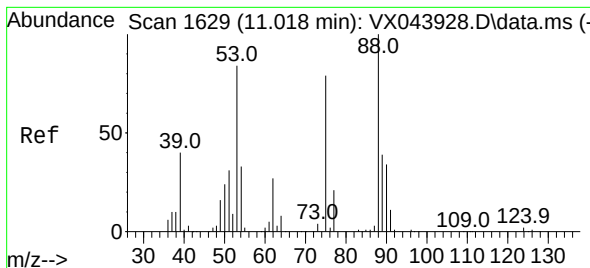
Tgt Ion:105 Resp: 293032

Ion Ratio Lower Upper

105 100

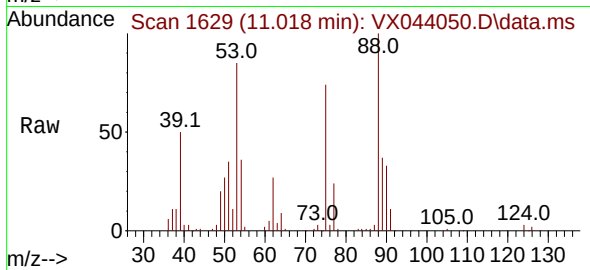
120 46.7 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.919 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

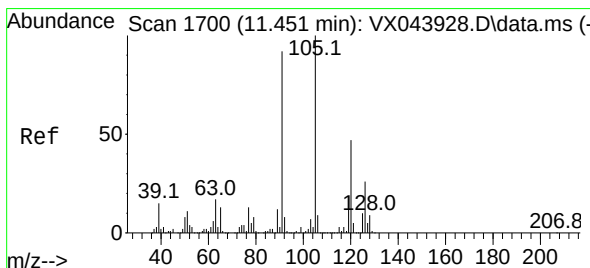
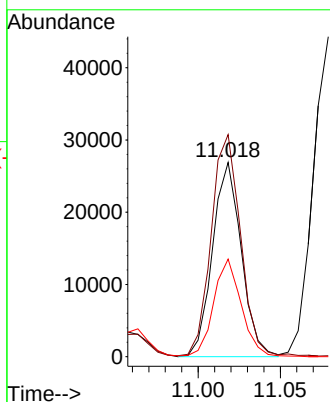
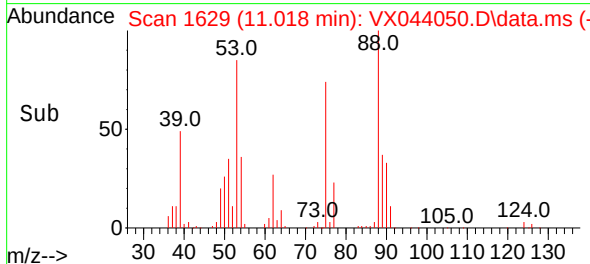
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



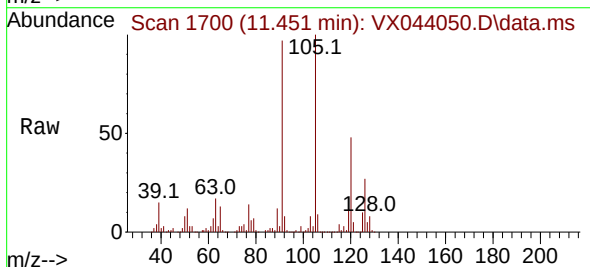
Tgt Ion: 75 Resp: 3276
Ion Ratio Lower Upper
75 100
53 117.4 86.7 130.1
89 48.4 38.2 57.2

Manual Integrations
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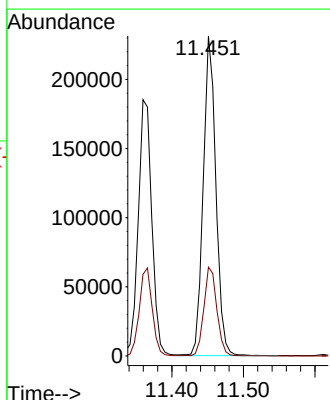
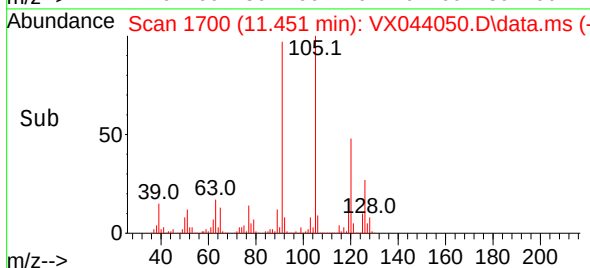
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

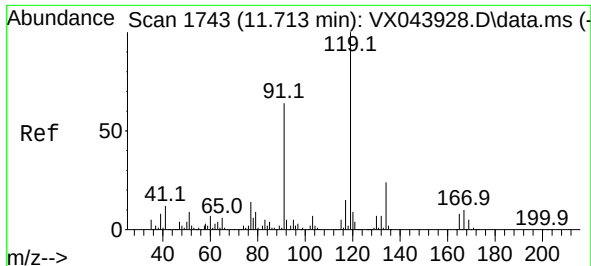


#82
4-Chlorotoluene
Concen: 53.478 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52



Tgt Ion: 91 Resp: 284827
Ion Ratio Lower Upper
91 100
126 28.4 14.3 42.9





#83

tert-Butylbenzene

Concen: 54.725 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 298090

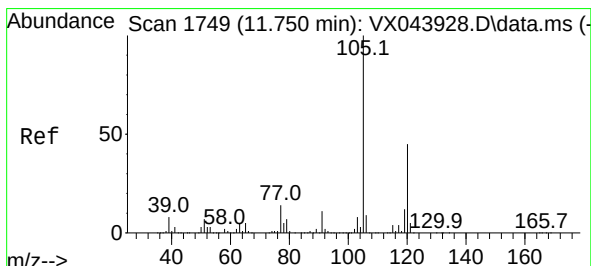
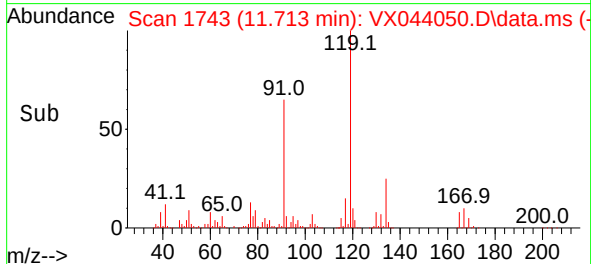
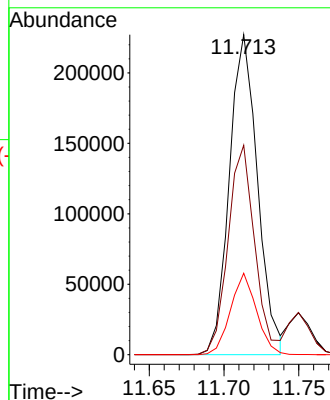
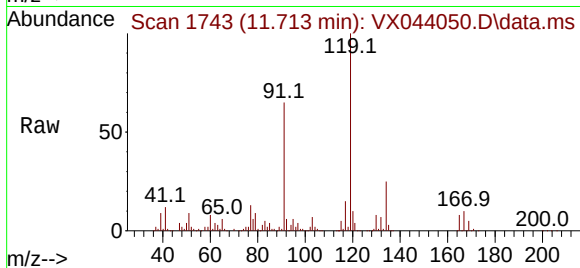
Ion	Ratio	Lower	Upper
119	100		
91	62.2	31.0	93.0
134	23.5	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#84

1,2,4-Trimethylbenzene

Concen: 56.462 ug/l

RT: 11.750 min Scan# 1749

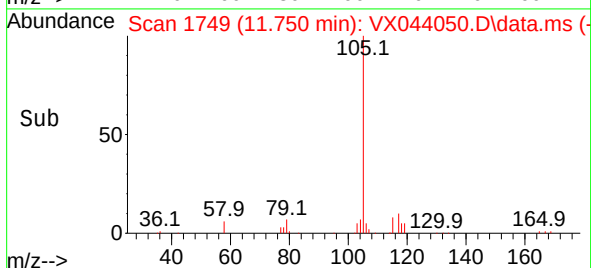
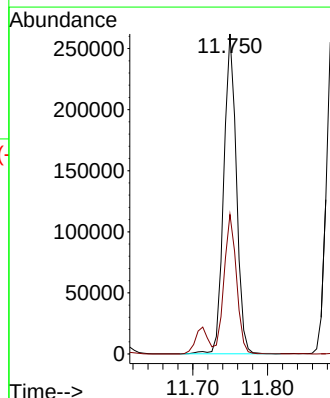
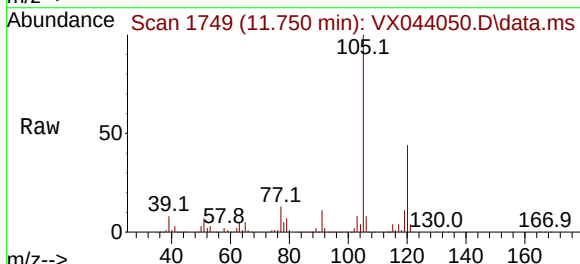
Delta R.T. -0.000 min

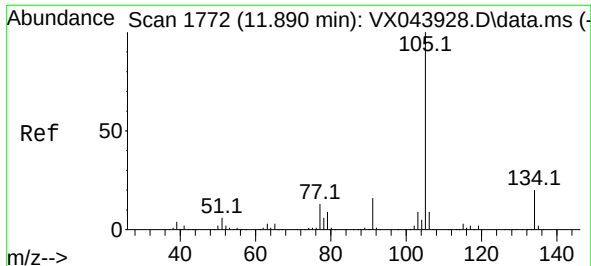
Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Tgt Ion:105 Resp: 308926

Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.9	65.7





#85

sec-Butylbenzene

Concen: 54.100 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 361060

Ion Ratio Lower Upper

105 100

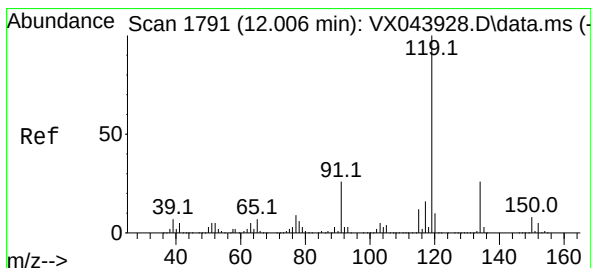
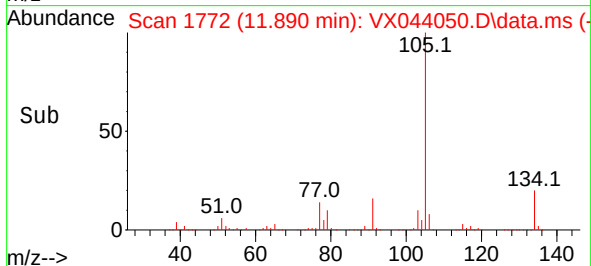
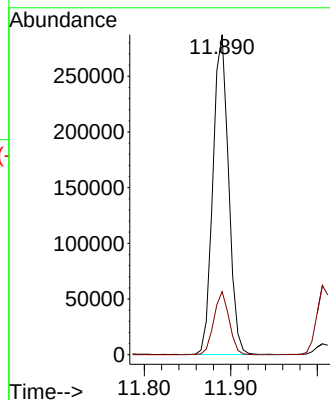
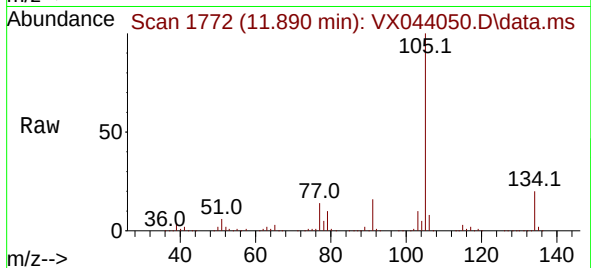
134 19.2 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#86

p-Isopropyltoluene

Concen: 54.835 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

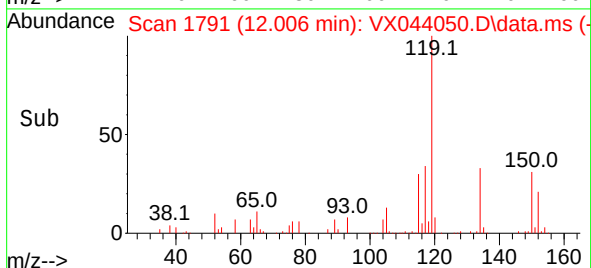
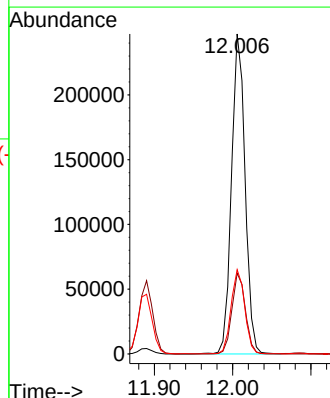
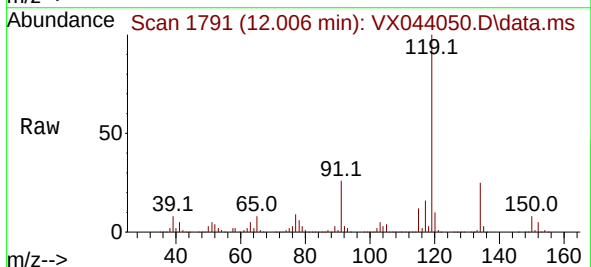
Tgt Ion:119 Resp: 297269

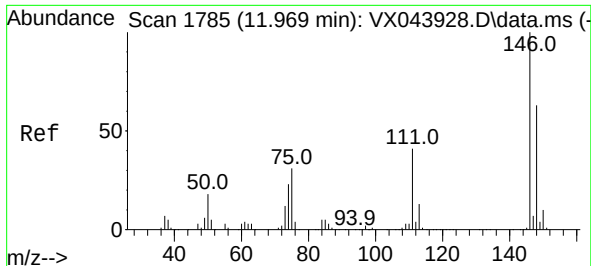
Ion Ratio Lower Upper

119 100

134 25.2 13.0 38.9

91 26.5 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 52.226 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

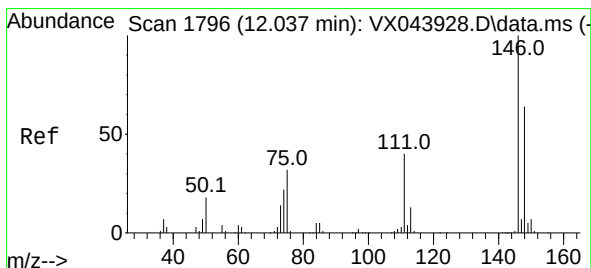
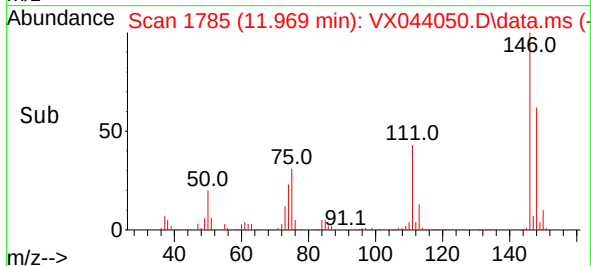
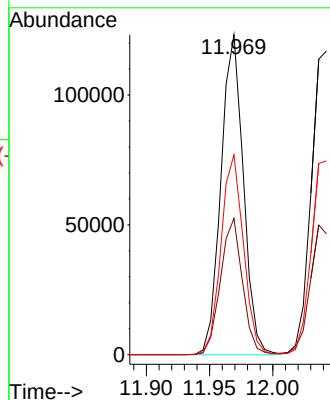
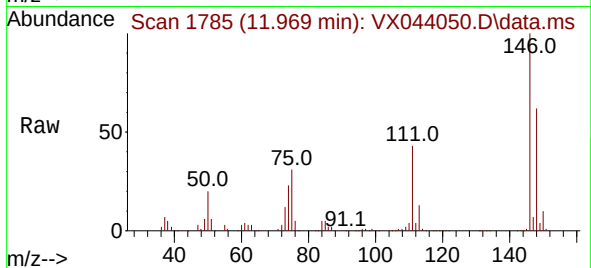
Tgt Ion:146 Resp: 151572
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.3
 148 62.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#88

1,4-Dichlorobenzene

Concen: 50.664 ug/l

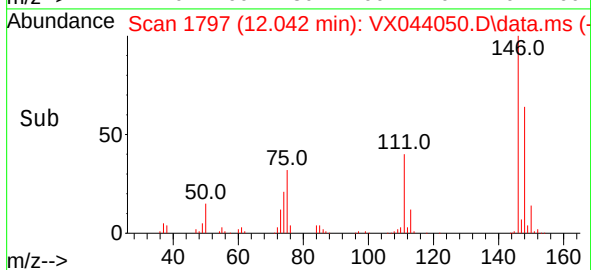
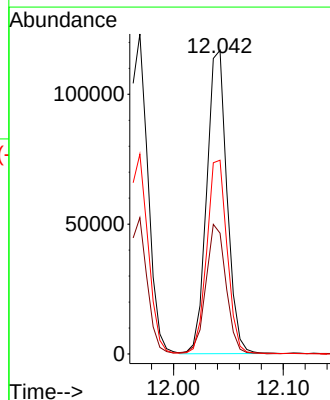
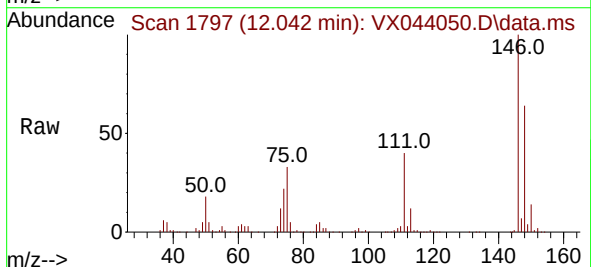
RT: 12.042 min Scan# 1797

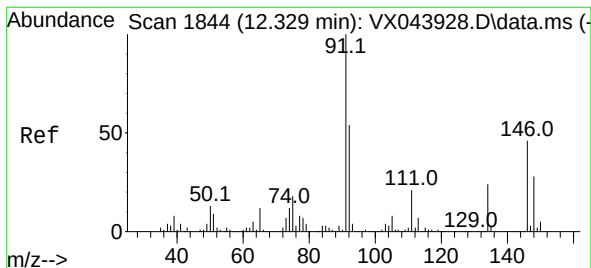
Delta R.T. 0.006 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

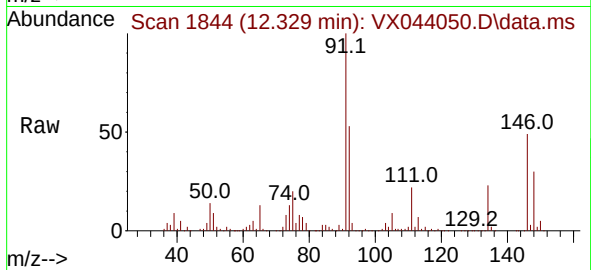
Tgt Ion:146 Resp: 149912
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.1 60.3
 148 64.7 30.9 92.8





#89
n-Butylbenzene
Concen: 54.774 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

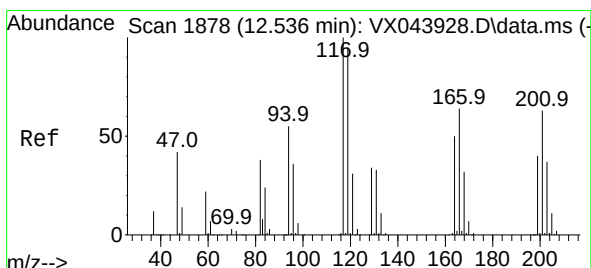
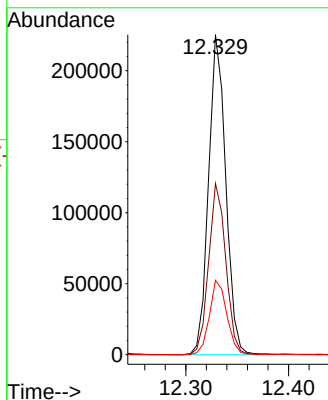
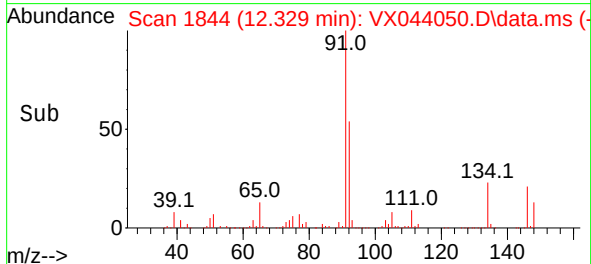
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 261802
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 23.6 12.4 37.2

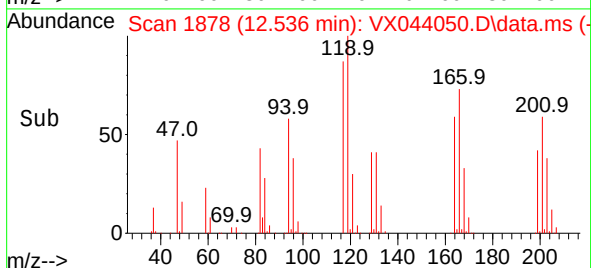
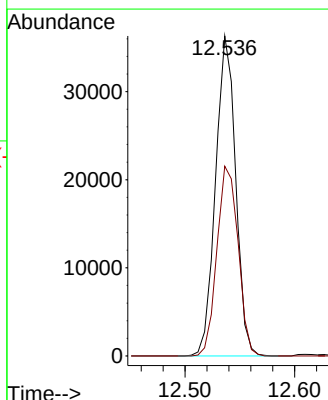
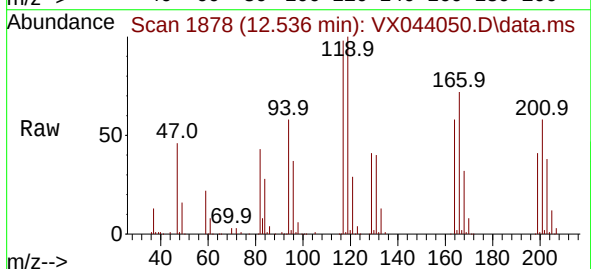
Manual Integrations
APPROVED

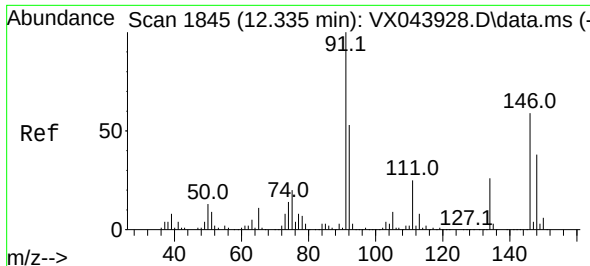
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#90
Hexachloroethane
Concen: 50.224 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion:117 Resp: 46298
Ion Ratio Lower Upper
117 100
201 62.6 32.4 97.0





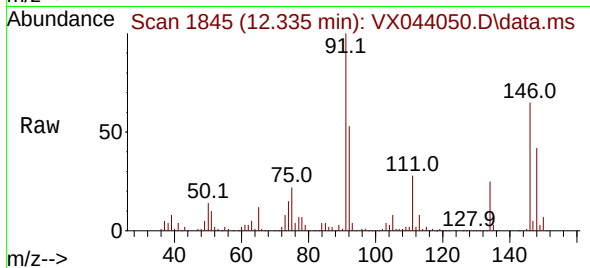
#91
1,2-Dichlorobenzene
Concen: 52.516 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



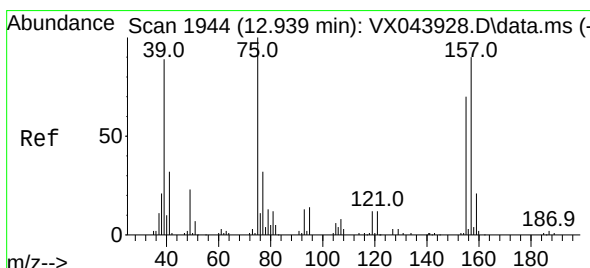
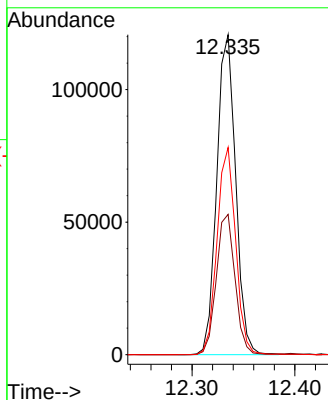
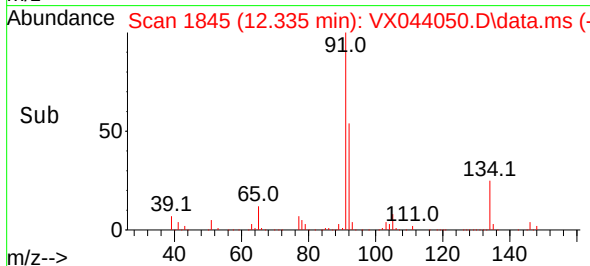
Tgt Ion:146 Resp: 15381
Ion Ratio Lower Upper
146 100
111 43.7 21.5 64.5
148 63.6 31.9 95.5

Manual Integrations

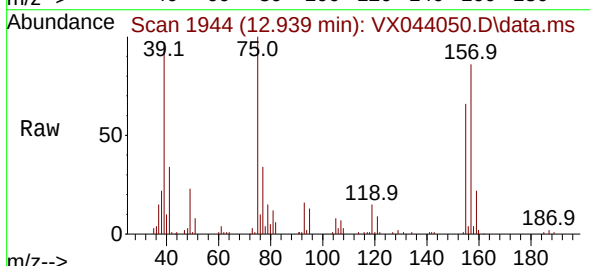
APPROVED

Reviewed By :John Carlone 12/02/2024

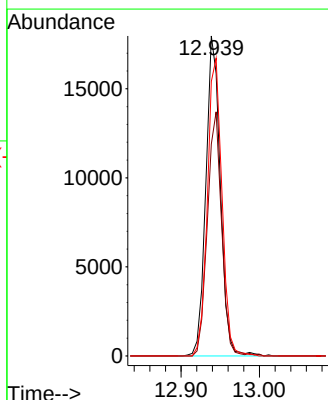
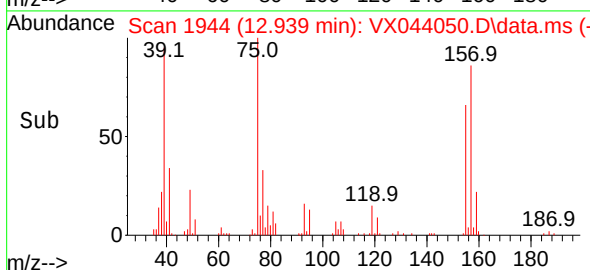
Supervised By :Mahesh Dadoda 12/02/2024

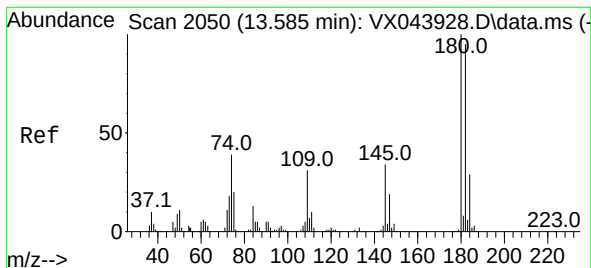


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.161 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52



Tgt Ion: 75 Resp: 22989
Ion Ratio Lower Upper
75 100
155 74.6 40.1 120.2
157 93.5 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 49.779 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 85950

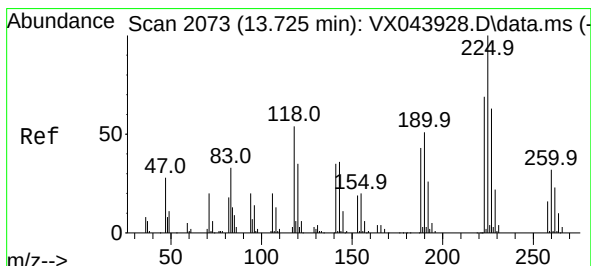
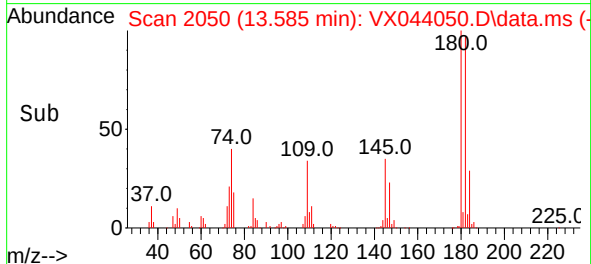
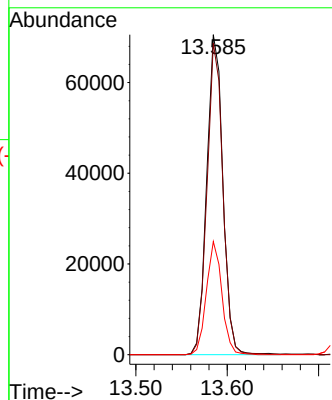
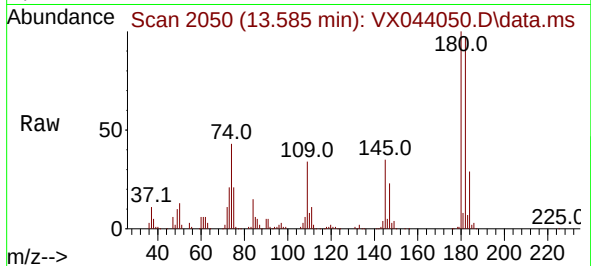
Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	34.2	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#94

Hexachlorobutadiene

Concen: 48.084 ug/l

RT: 13.719 min Scan# 2072

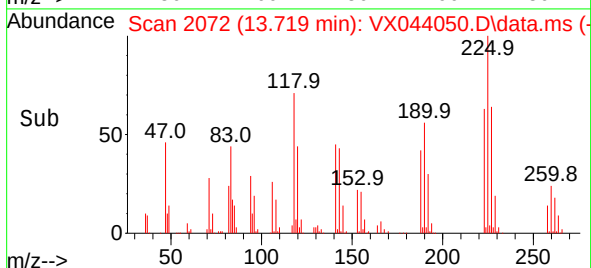
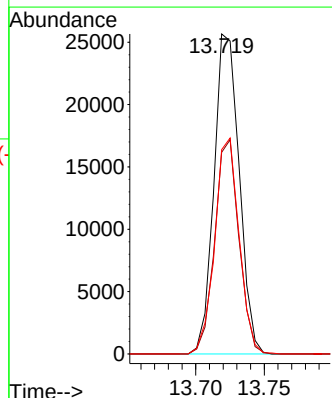
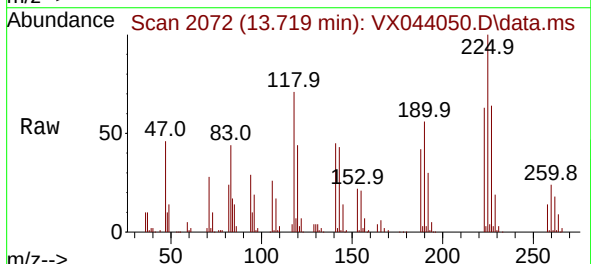
Delta R.T. -0.006 min

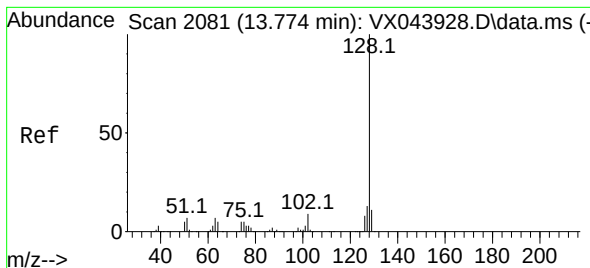
Lab File: VX044050.D

Acq: 27 Nov 2024 18:52

Tgt Ion:225 Resp: 32815

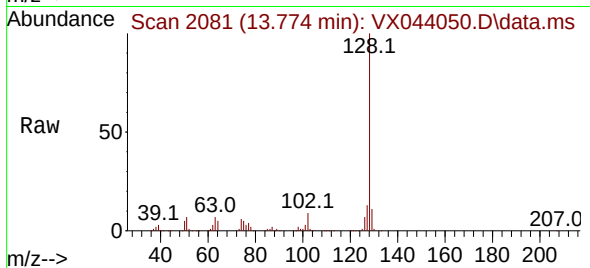
Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.9	98.6
227	65.2	31.6	94.8





#95
Naphthalene
Concen: 58.422 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

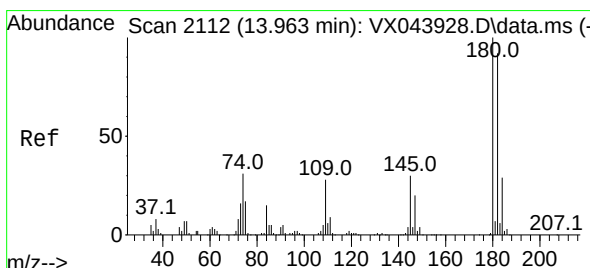
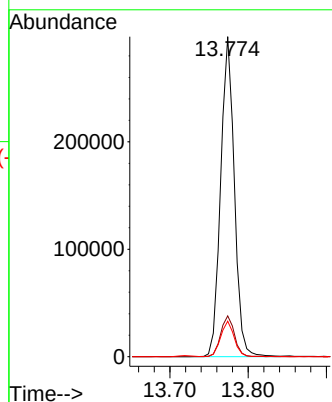
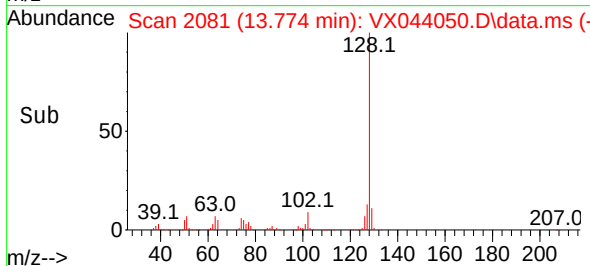
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 363139
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.056 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044050.D
Acq: 27 Nov 2024 18:52

Tgt Ion:180 Resp: 90980
Ion Ratio Lower Upper
180 100
182 91.0 45.6 136.8
145 35.8 16.4 49.4

