

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034807.D
 Acq On : 28 Mar 2023 20:42
 Operator : JC/MD
 Sample : 01950-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 29 04:07:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	233072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179493	52.936	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.880%			
35) Dibromofluoromethane	5.385	113	135626	51.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	8.647	98	485664	49.014	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.020%			
62) 4-Bromofluorobenzene	11.079	95	199507	49.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.700%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	2932	Below Cal		94
5) Bromomethane	1.618	94	182861	122.499	ug/l	99
7) Trichlorofluoromethane	1.892	101	274499	61.747	ug/l	98
8) Diethyl Ether	1.892	74	338	0.208	ug/l #	1
10) Methyl Iodide	2.453	142	1746	0.513	ug/l	90
11) Tert butyl alcohol	3.093	59	11260	15.947	ug/l #	1
12) 1,1-Dichloroethene	2.319	96	112895	44.246	ug/l	94
15) Acrylonitrile	3.111	53	4979	3.264	ug/l #	21
16) Acetone	2.386	43	101864	63.777	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	494065	54.081	ug/l	98
20) Methylene Chloride	2.788	84	57980	18.704	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	202507	74.734	ug/l	99
25) 2-Butanone	4.556	43	470930	206.063	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	116837	35.818	ug/l	90
28) Bromochloromethane	5.093	49	35690	14.478	ug/l #	15
30) Chloroform	5.093	83	408226	78.552	ug/l	95
31) Cyclohexane	5.550	56	5843	1.229	ug/l #	1
32) 1,1,1-Trichloroethane	5.385	97	180253	39.180	ug/l	99
36) 1,1-Dichloropropene	5.550	75	19466	4.775	ug/l #	50
37) Ethyl Acetate	4.556	43	470930	105.736	ug/l #	70
38) Carbon Tetrachloride	5.678	117	227472	56.087	ug/l	99
40) Benzene	6.038	78	1146108	96.099	ug/l	99
41) Methacrylonitrile	5.093	41	1935	0.793	ug/l #	24
42) 1,2-Dichloroethane	6.031	62	10495	2.394	ug/l #	75
44) Trichloroethene	7.129	130	6052	1.953	ug/l	94
46) Dibromomethane	7.824	93	8561	4.044	ug/l #	5
47) Bromodichloromethane	7.824	83	269778	65.842	ug/l	99
49) 1,4-Dioxane	7.824	88	383	5.025	ug/l #	23
51) 4-Methyl-2-Pentanone	8.574	43	868456	198.414	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	87017	18.851	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	483818	96.878	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.269	63	815	0.329	ug/l #	68
59) 2-Hexanone	9.427	43	371187	109.706	ug/l	98
60) Dibromochloromethane	9.519	129	237787	77.372	ug/l	100
61) 1,2-Dibromoethane	9.610	107	114001	36.052	ug/l	99
64) Tetrachloroethene	9.275	164	138678	57.992	ug/l	100

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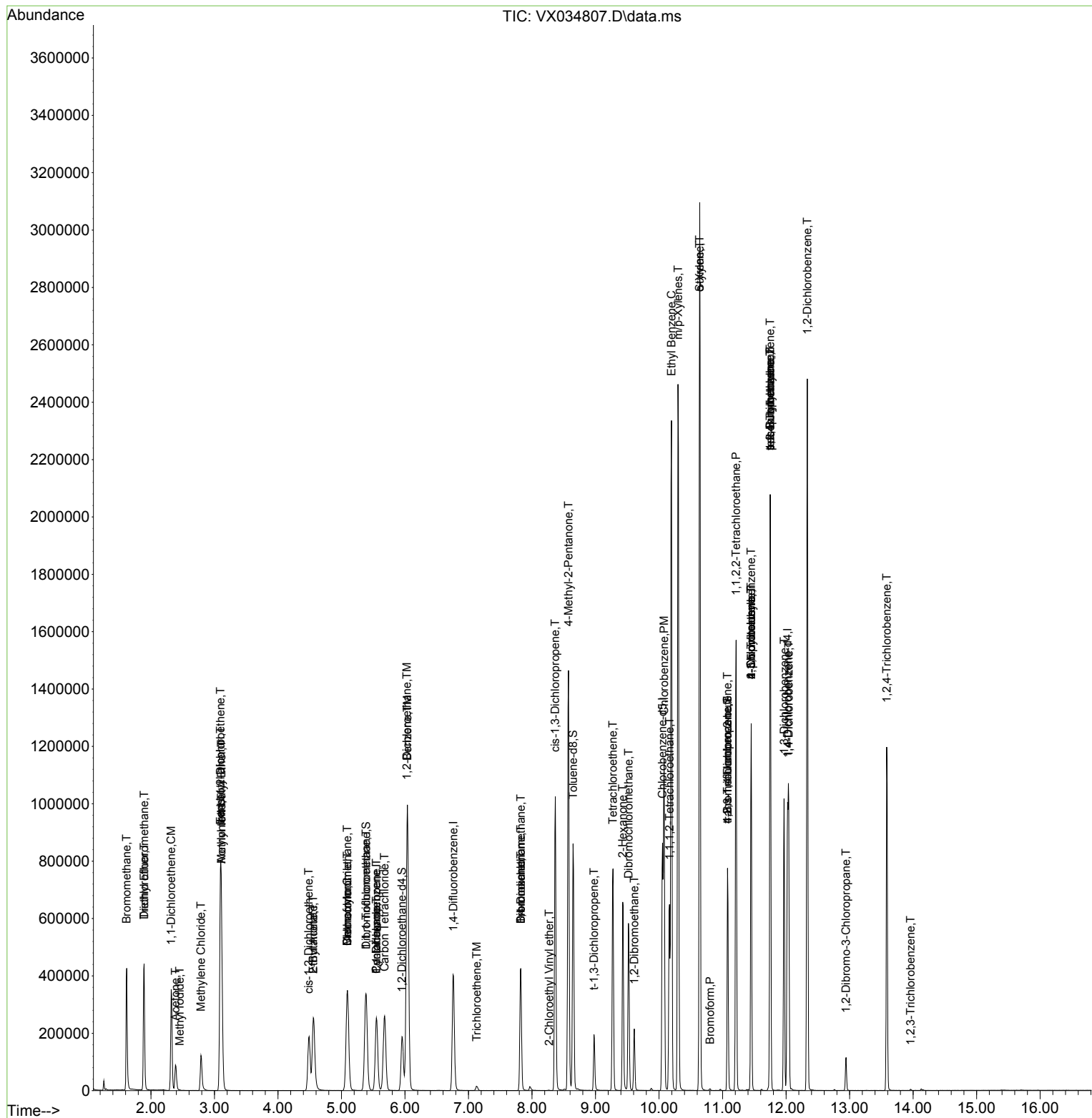
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	10.079	112	459511	58.831	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	136152	47.861	ug/l	98
67) Ethyl Benzene	10.195	91	1299495	92.934	ug/l	100
68) m/p-Xylenes	10.299	106	557401	103.771	ug/l	100
69) o-Xylene	10.640	106	632857	117.403	ug/l	98
70) Styrene	10.640	104	31079	3.574	ug/l #	1
71) Bromoform	10.805	173	1981	0.905	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	583194	129.571	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	105392	26.301	ug/l #	33
78) n-propylbenzene	11.451	91	60183	3.863	ug/l #	1
79) 2-Chlorotoluene	11.451	91	60183	6.256	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	520706	46.025	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	105392	71.152	ug/l #	8
82) 4-Chlorotoluene	11.451	91	60183	5.431	ug/l #	46
83) tert-Butylbenzene	11.750	119	100502	8.811	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.750	105	853312	73.801	ug/l	100
85) sec-Butylbenzene	11.750	105	853312	61.190	ug/l #	56
86) p-Isopropyltoluene	11.750	119	99401	8.481	ug/l #	4
87) 1,3-Dichlorobenzene	11.969	146	290671	45.842	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	290068	45.243	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	709404	115.771	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21379	20.906	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	262254	68.439	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1072	0.286	ug/l	96

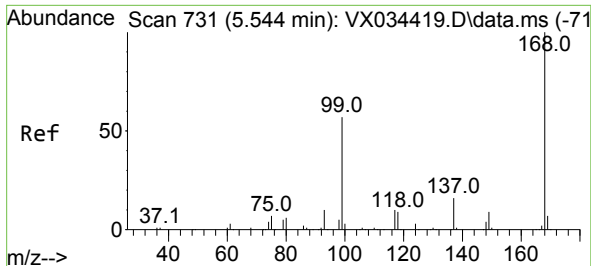
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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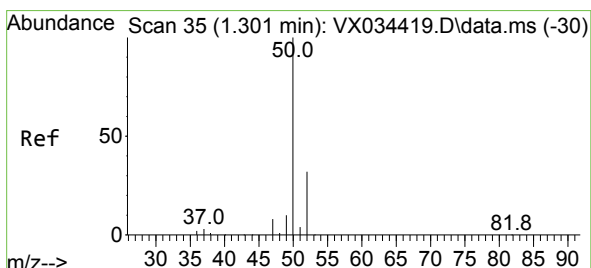
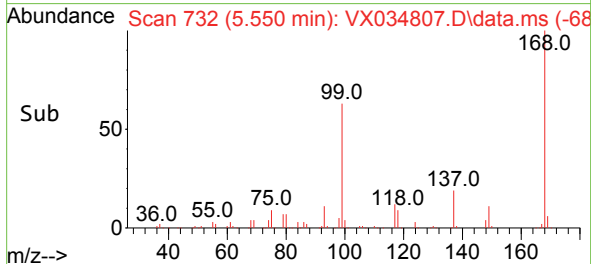
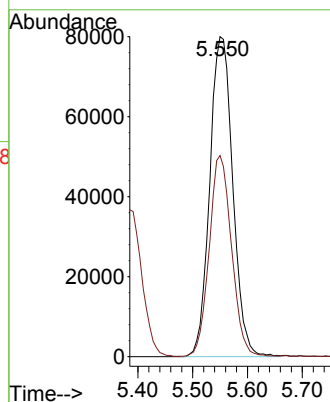
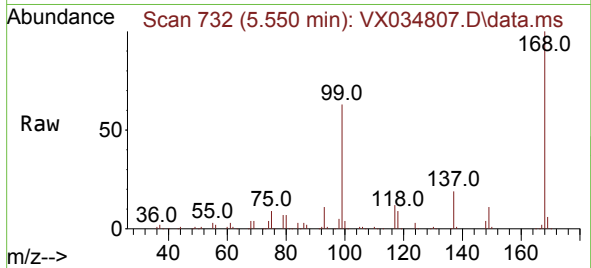




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034807.D
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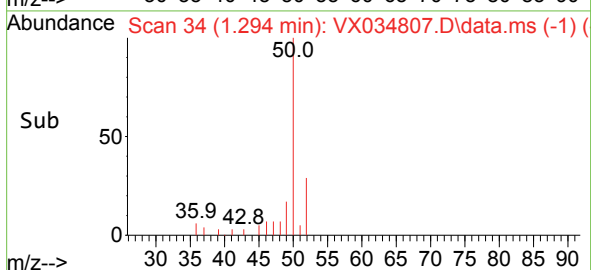
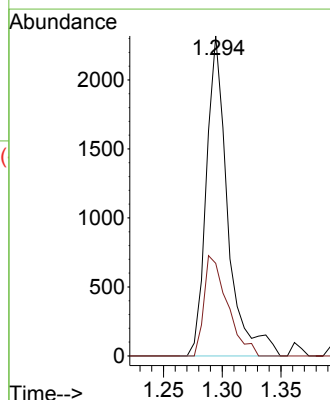
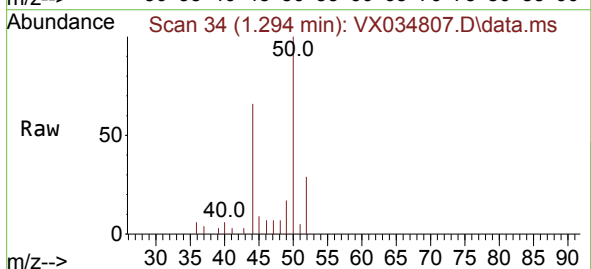
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ClientSampleId :
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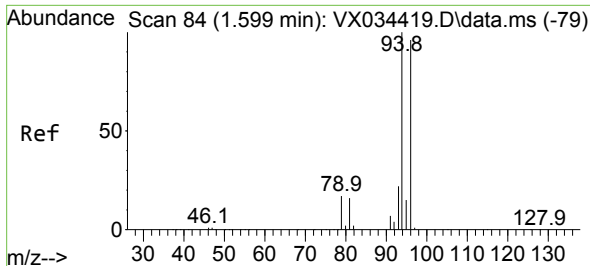
Tgt Ion:168 Resp: 233072
Ion Ratio Lower Upper
168 100
99 62.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 50 Resp: 2932
Ion Ratio Lower Upper
50 100
52 28.9 25.9 38.9

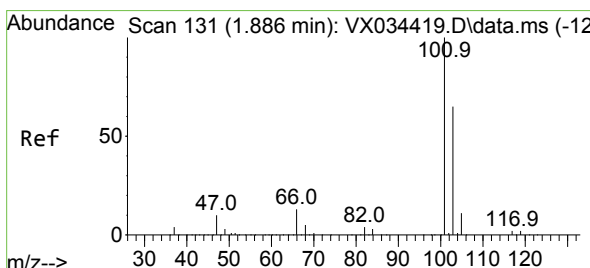
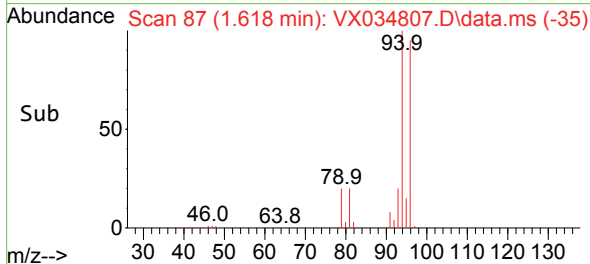
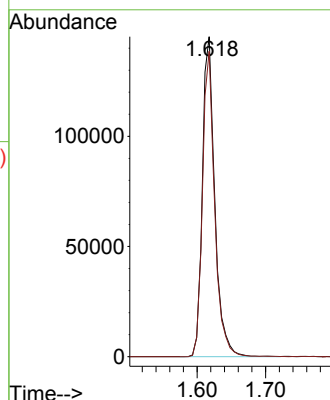
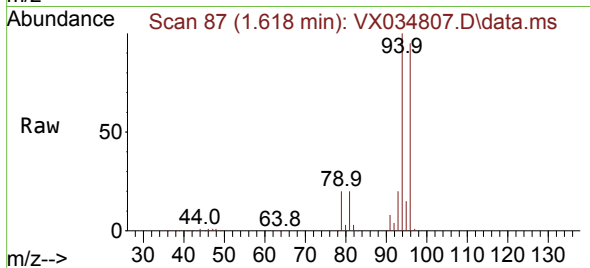




#5
Bromomethane
Concen: 122.499 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

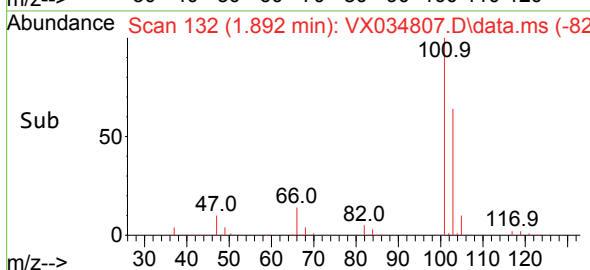
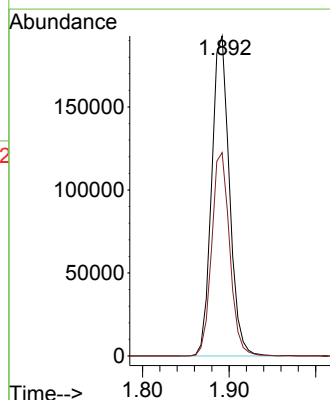
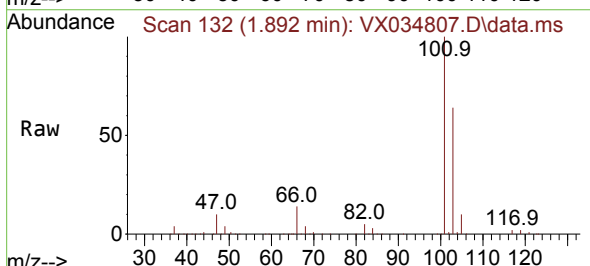
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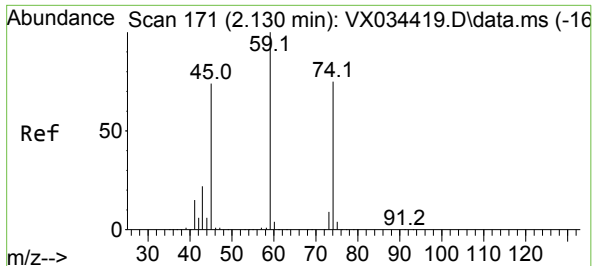
Tgt Ion: 94 Resp: 182861
Ion Ratio Lower Upper
94 100
96 95.5 77.0 115.6



#7
Trichlorofluoromethane
Concen: 61.747 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion:101 Resp: 274499
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

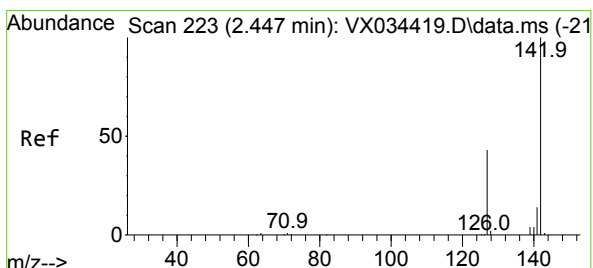
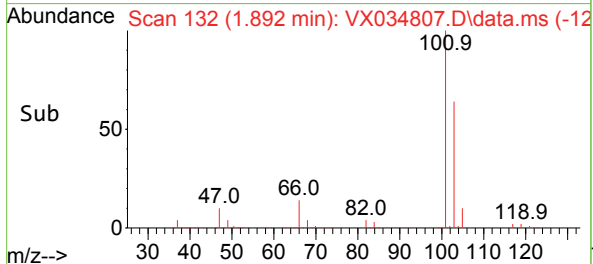
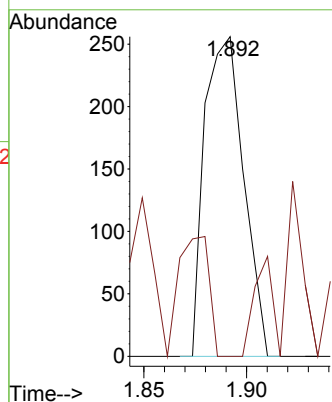
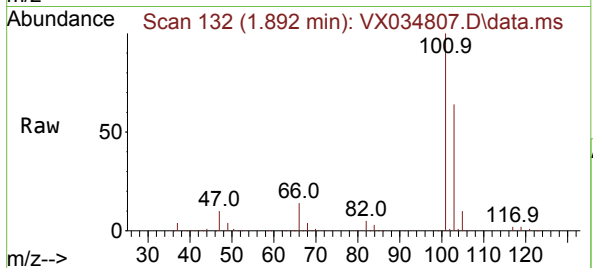




#8
Diethyl Ether
Concen: 0.208 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

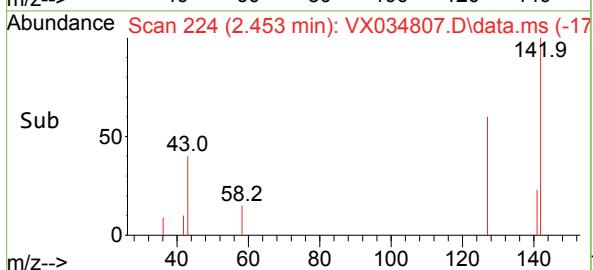
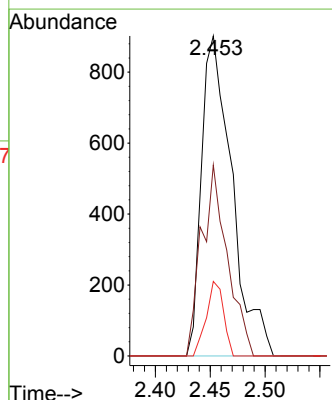
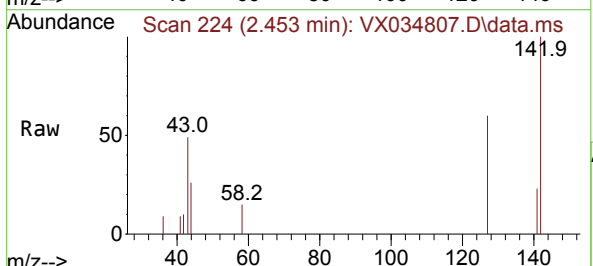
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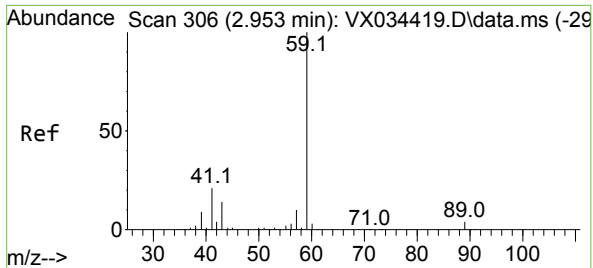
Tgt Ion: 74 Resp: 338
Ion Ratio Lower Upper
74 100
45 0.0 49.8 149.3#



#10
Methyl Iodide
Concen: 0.513 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 142 Resp: 1746
Ion Ratio Lower Upper
142 100
127 50.3 34.0 51.0
141 13.2 11.1 16.7

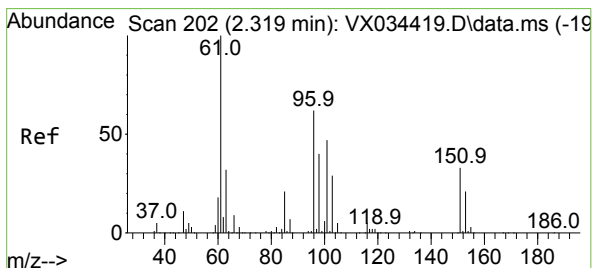
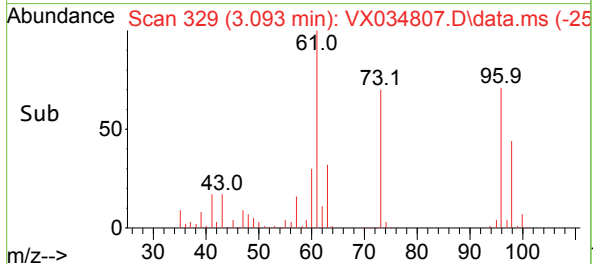
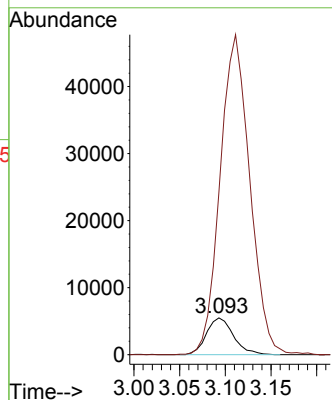
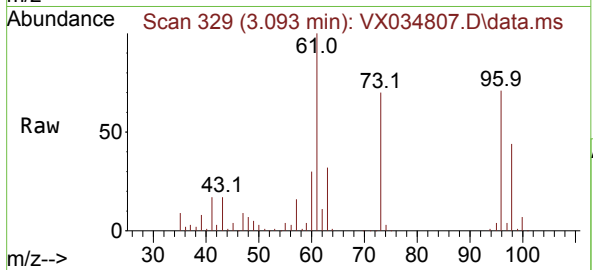




#11
Tert butyl alcohol
Concen: 15.947 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.140 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

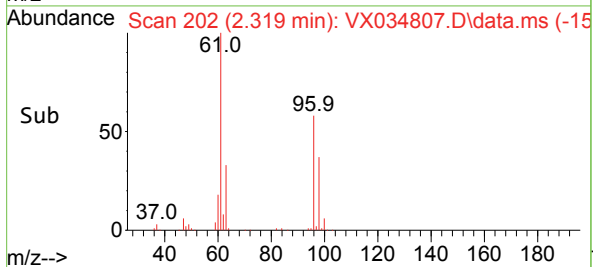
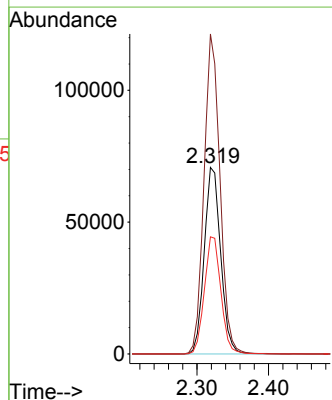
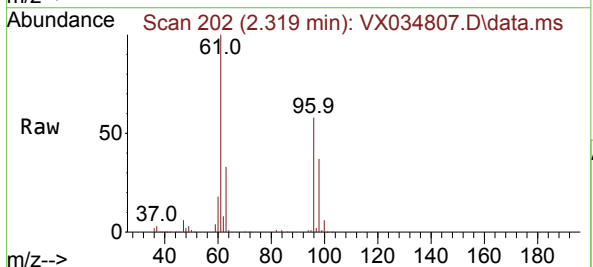
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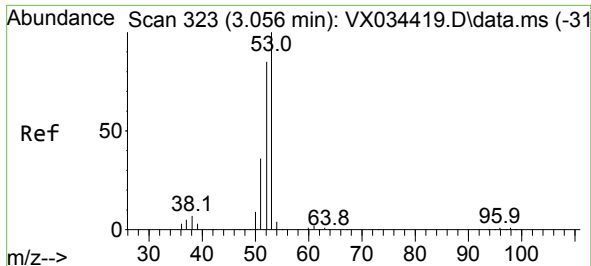
Tgt Ion: 59 Resp: 11260
Ion Ratio Lower Upper
59 100
57 963.1 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 44.246 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 96 Resp: 112895
Ion Ratio Lower Upper
96 100
61 171.6 128.8 193.2
98 62.8 51.4 77.0

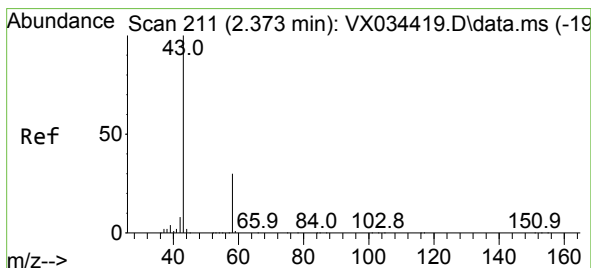
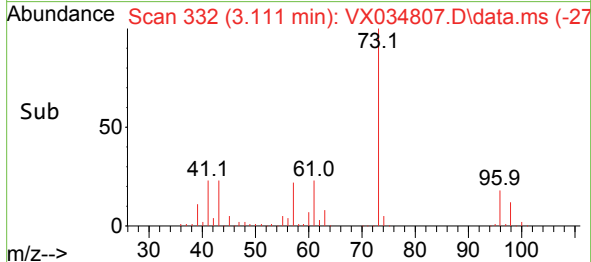
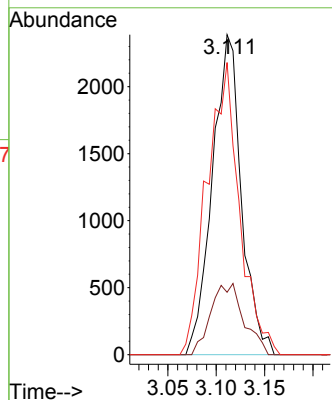
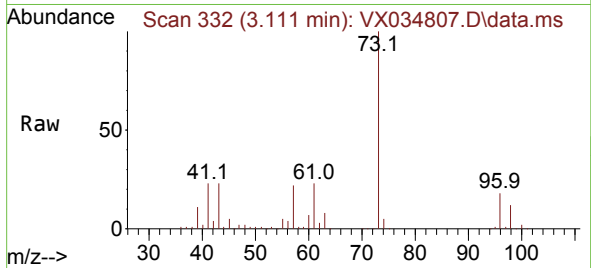




#15
Acrylonitrile
Concen: 3.264 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.055 min
Lab File: VX034807.D
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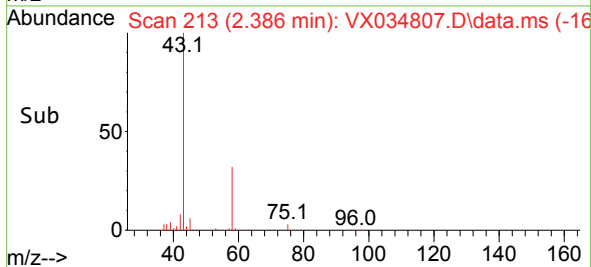
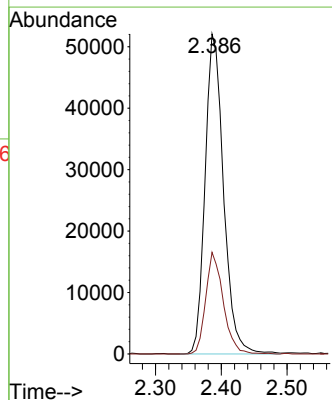
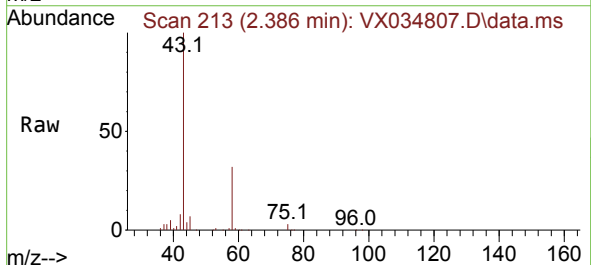
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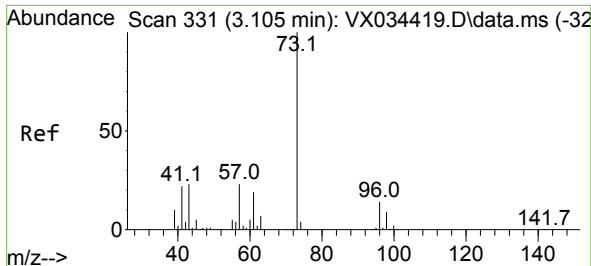
Tgt Ion: 53 Resp: 4979
Ion Ratio Lower Upper
53 100
52 25.3 66.2 99.2#
51 102.1 28.3 42.5#



#16
Acetone
Concen: 63.777 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 43 Resp: 101864
Ion Ratio Lower Upper
43 100
58 31.8 24.7 37.1

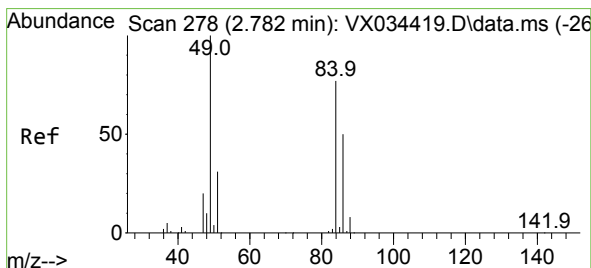
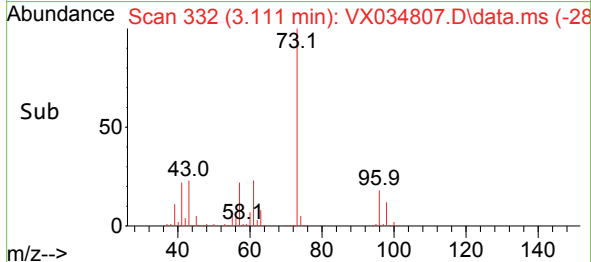
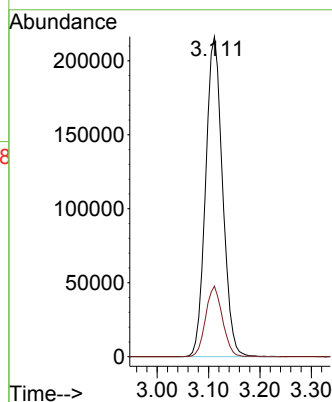
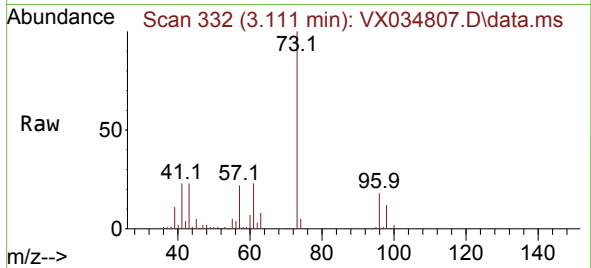




#19
Methyl tert-butyl Ether
Concen: 54.081 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

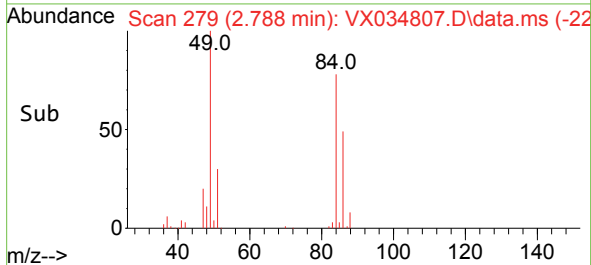
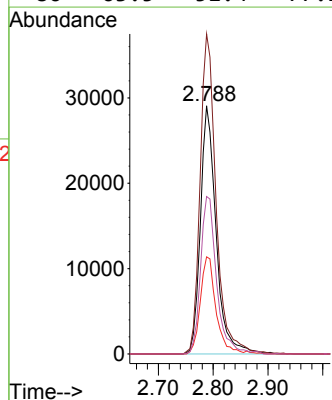
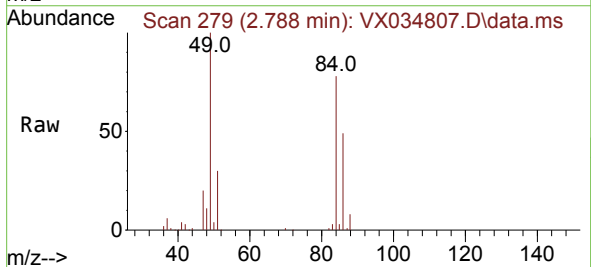
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

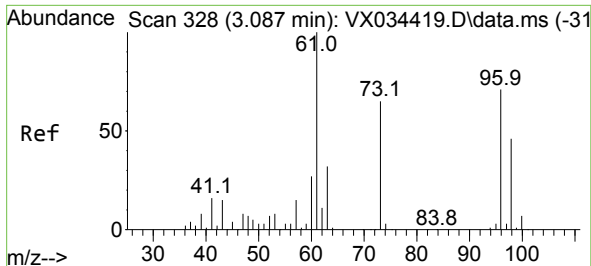
Tgt Ion: 73 Resp: 494065
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7



#20
Methylene Chloride
Concen: 18.704 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

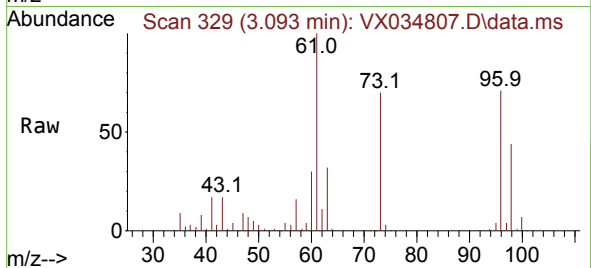
Tgt Ion: 84 Resp: 57980
Ion Ratio Lower Upper
84 100
49 128.9 103.8 155.8
51 39.1 31.8 47.8
86 63.5 51.4 77.2



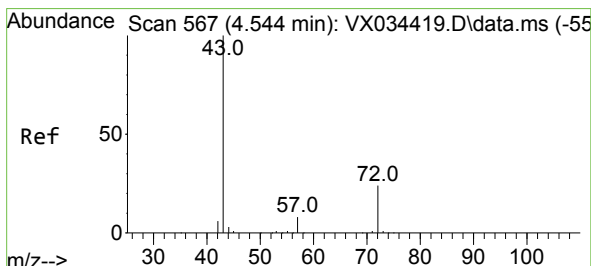
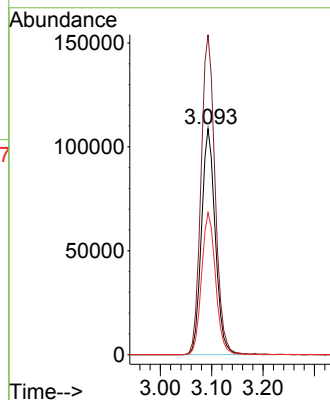
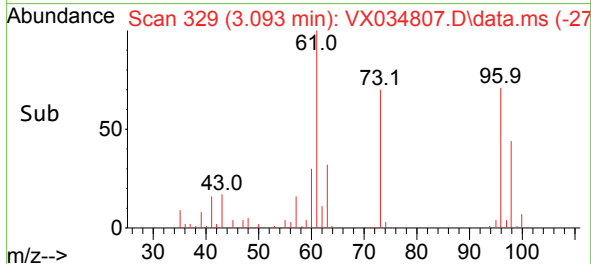


#21
trans-1,2-Dichloroethene
Concen: 74.734 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

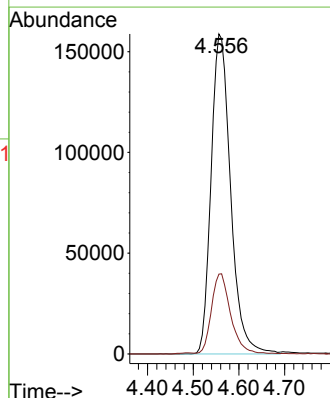
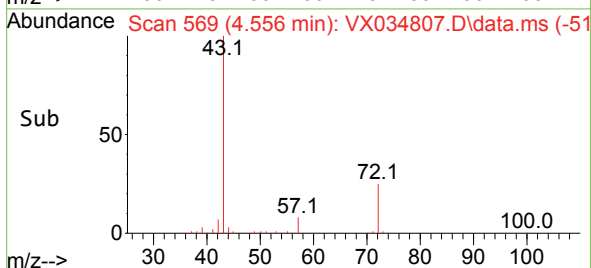
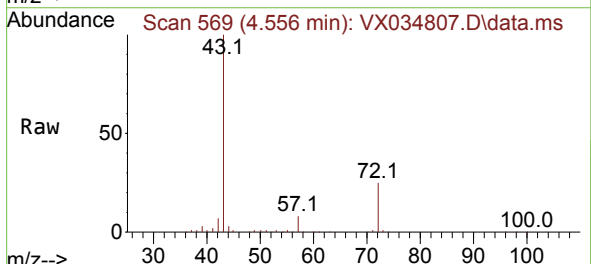


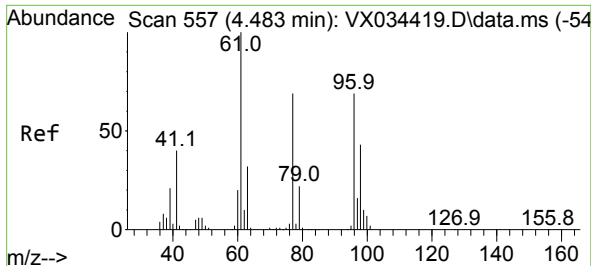
Tgt Ion: 96 Resp: 202507
Ion Ratio Lower Upper
96 100
61 141.5 113.0 169.6
98 62.9 52.1 78.1



#25
2-Butanone
Concen: 206.063 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 43 Resp: 470930
Ion Ratio Lower Upper
43 100
72 24.8 19.3 28.9





#27

cis-1,2-Dichloroethene

Concen: 35.818 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

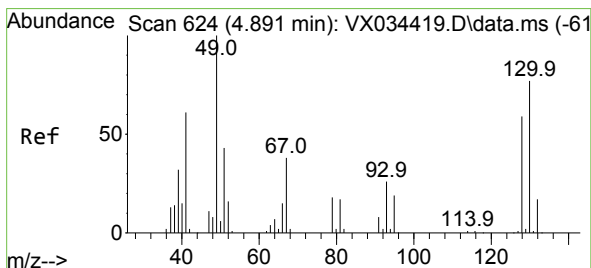
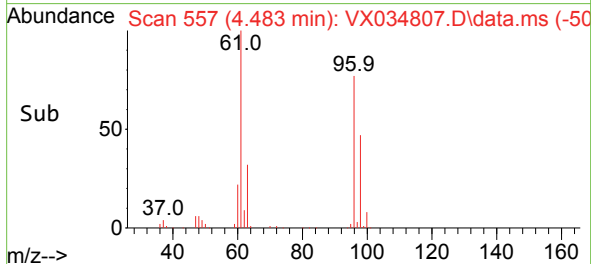
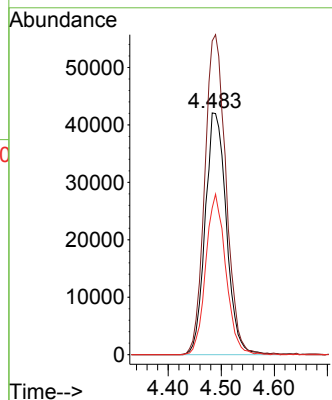
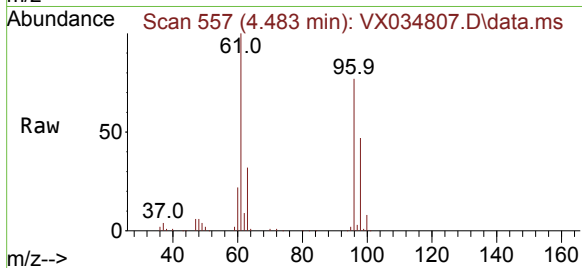
Tgt Ion: 96 Resp: 116837

Ion Ratio Lower Upper

96 100

61 132.8 0.0 300.4

98 62.9 0.0 129.0



#28

Bromochloromethane

Concen: 14.478 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.201 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

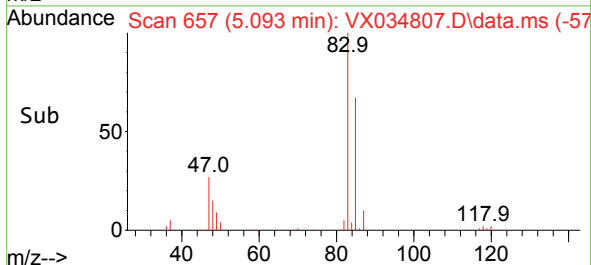
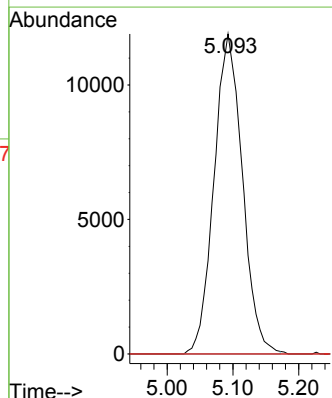
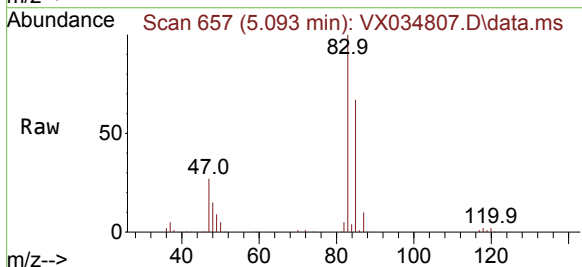
Tgt Ion: 49 Resp: 35690

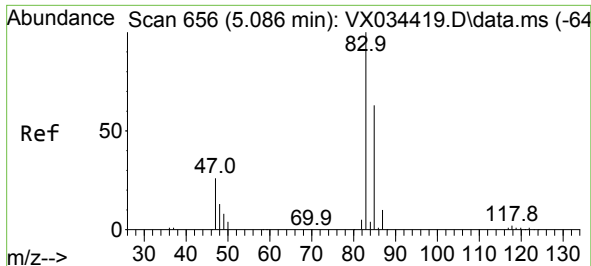
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 58.2 87.2#

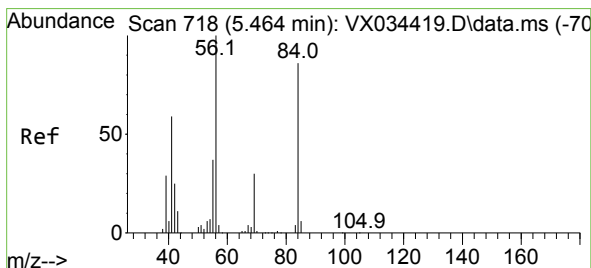
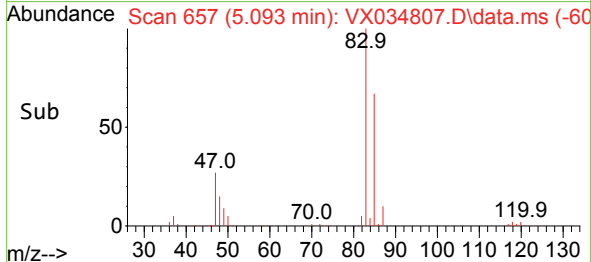
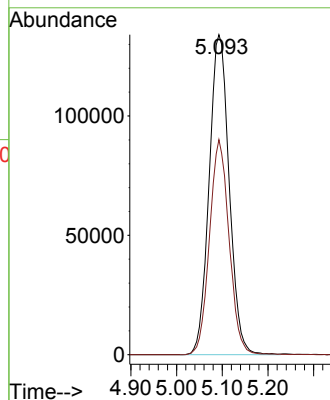
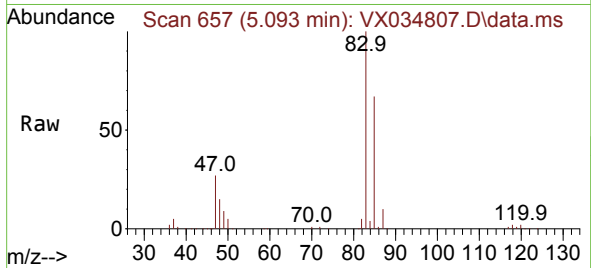




#30
Chloroform
Concen: 78.552 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

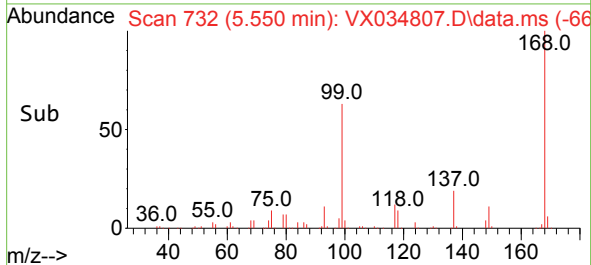
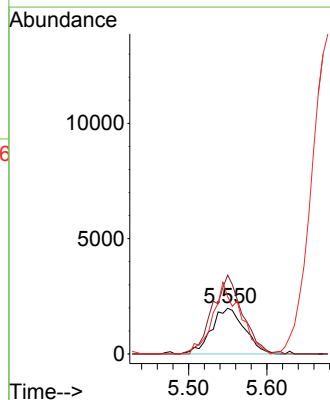
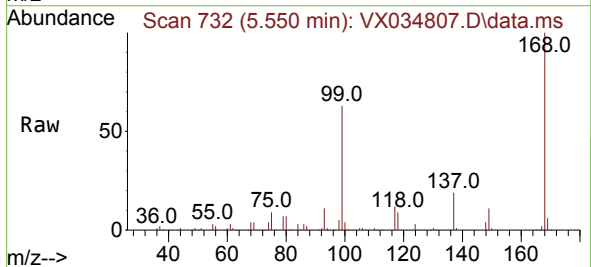
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

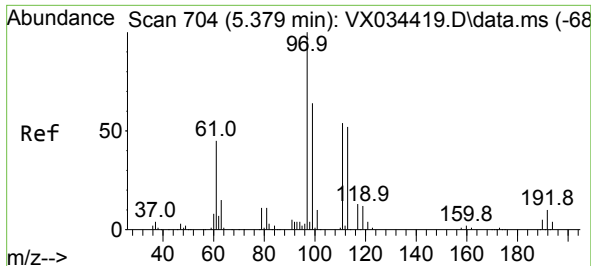
Tgt Ion: 83 Resp: 408226
Ion Ratio Lower Upper
83 100
85 67.2 50.6 76.0



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 56 Resp: 5843
Ion Ratio Lower Upper
56 100
69 172.8 23.7 35.5#
84 124.9 68.5 102.7#





#32

1,1,1-Trichloroethane

Concen: 39.180 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

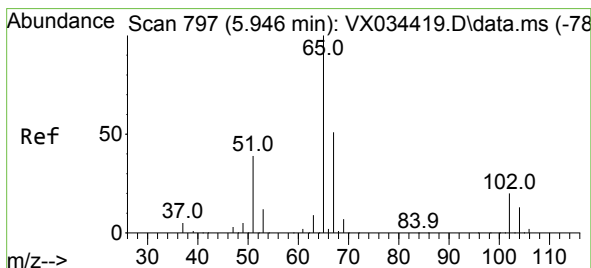
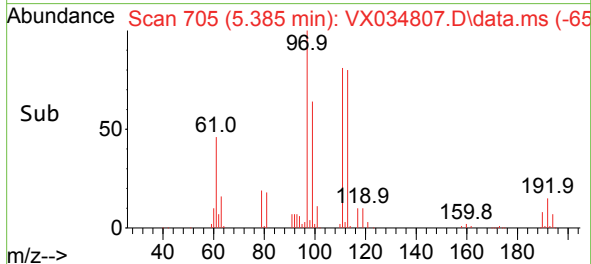
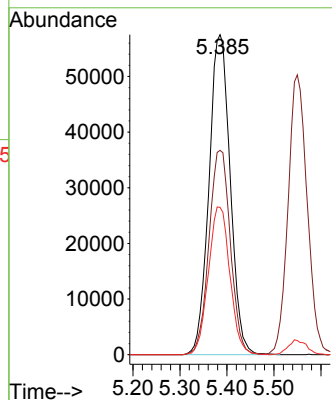
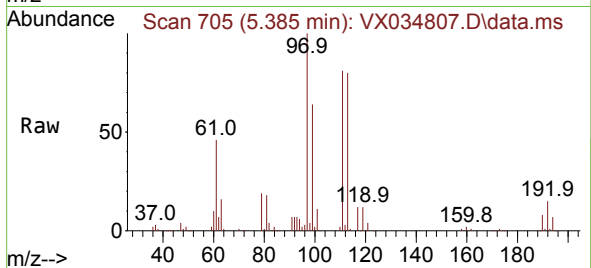
Tgt Ion: 97 Resp: 180253

Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 46.9 36.5 54.7



#33

1,2-Dichloroethane-d4

Concen: 52.936 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034807.D

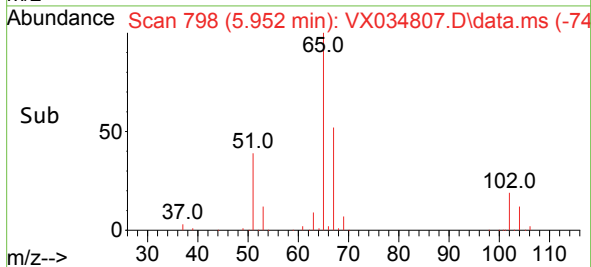
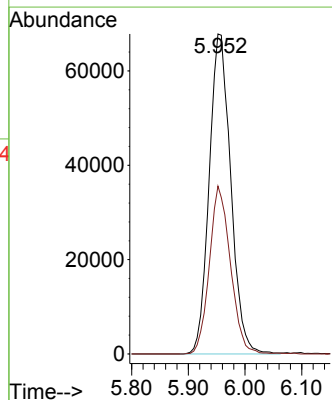
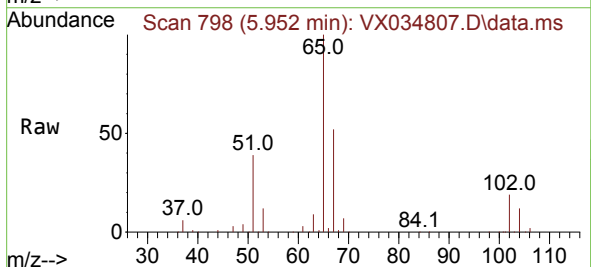
Acq: 28 Mar 2023 20:42

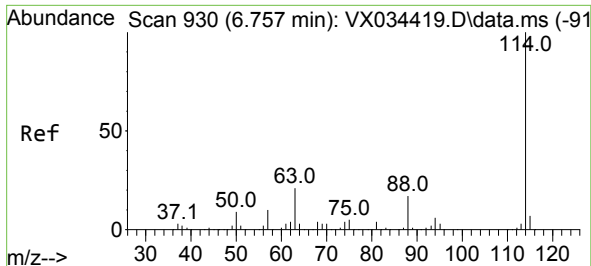
Tgt Ion: 65 Resp: 179493

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0

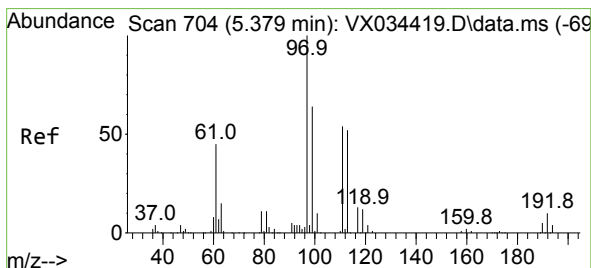
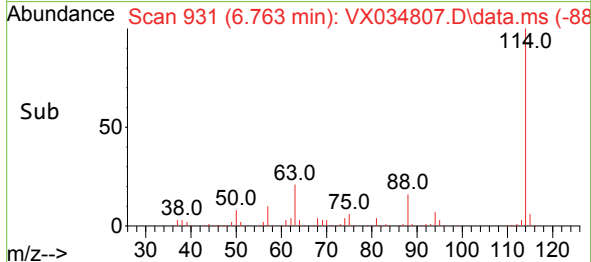
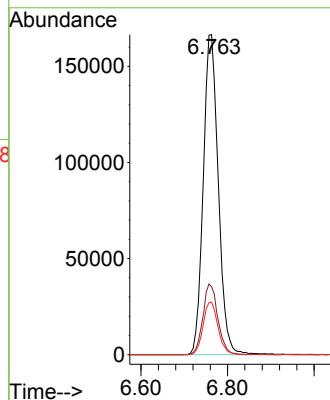
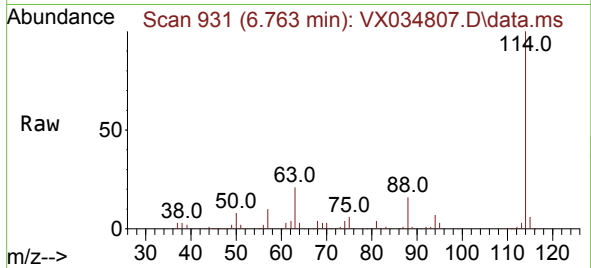




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

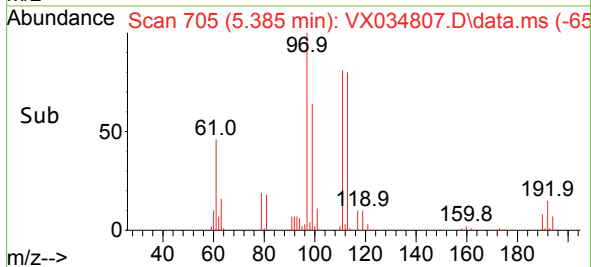
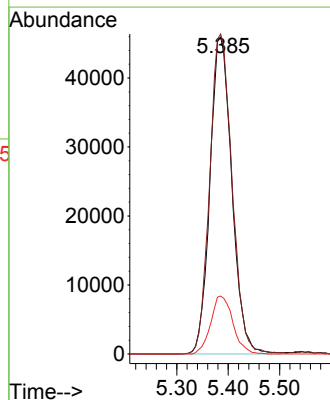
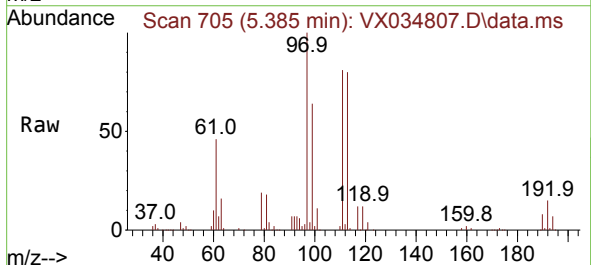
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

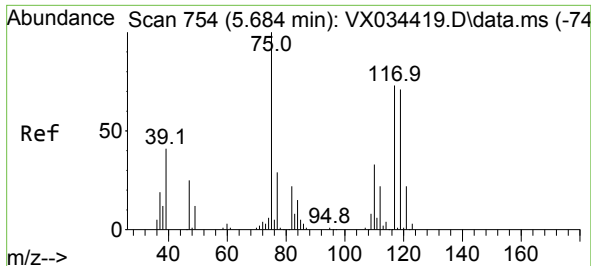
Tgt Ion:114 Resp: 402018
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.096 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion:113 Resp: 135626
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.6 15.4 23.2

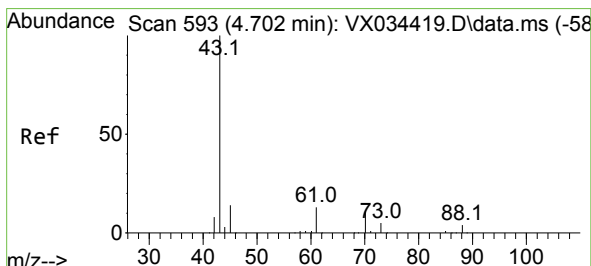
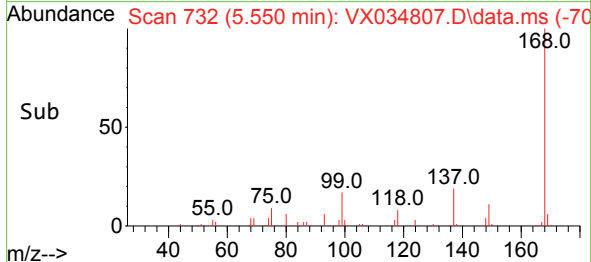
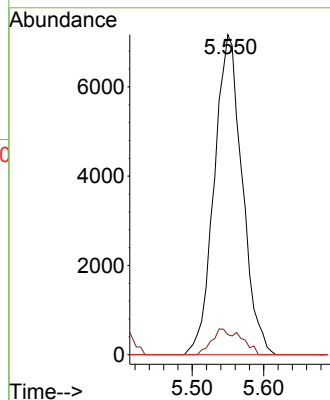
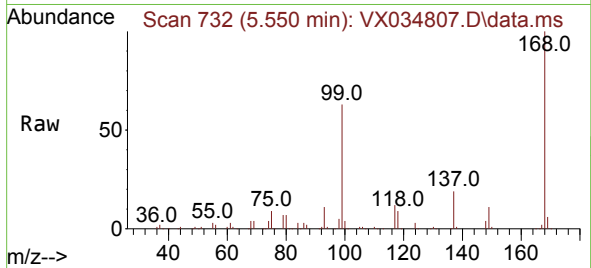




#36
1,1-Dichloropropene
Concen: 4.775 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

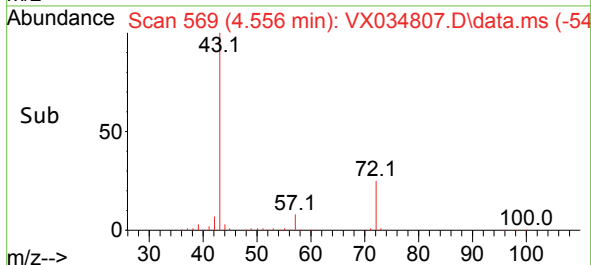
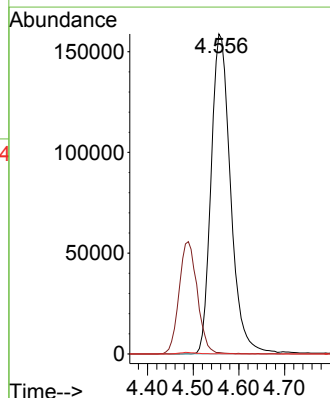
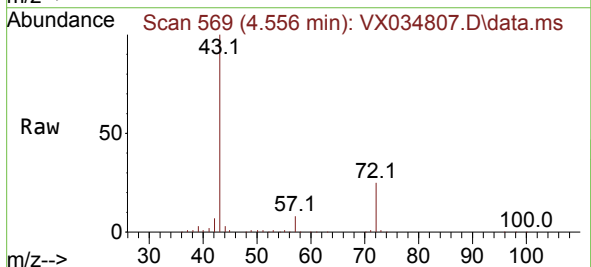
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

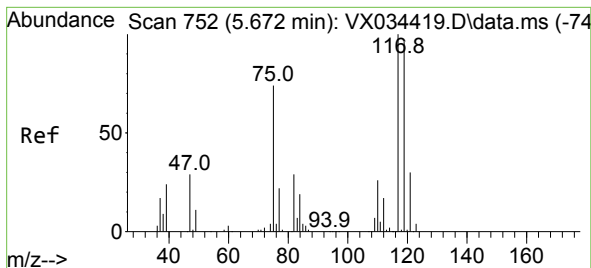
Tgt Ion: 75 Resp: 19466
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 105.736 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.146 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 43 Resp: 470930
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 8.2 12.4#





#38

Carbon Tetrachloride

Concen: 56.087 ug/l

RT: 5.678 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

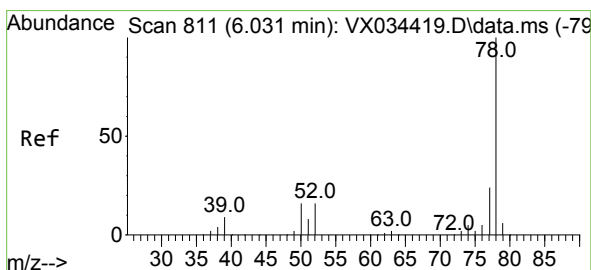
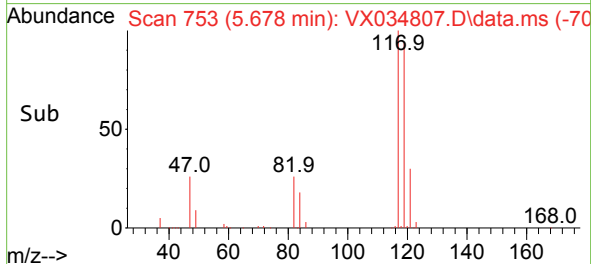
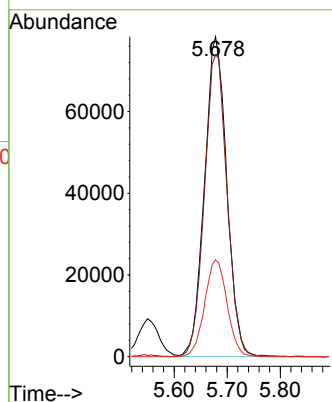
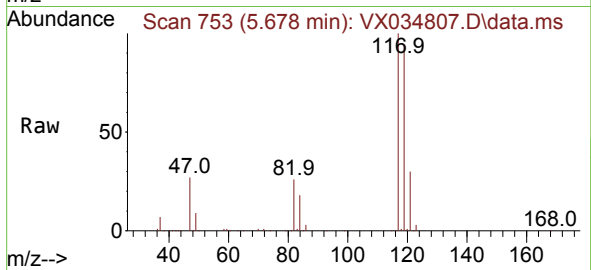
Tgt Ion:117 Resp: 227472

Ion Ratio Lower Upper

117 100

119 94.3 76.6 114.8

121 30.3 23.8 35.6



#40

Benzene

Concen: 96.099 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034807.D

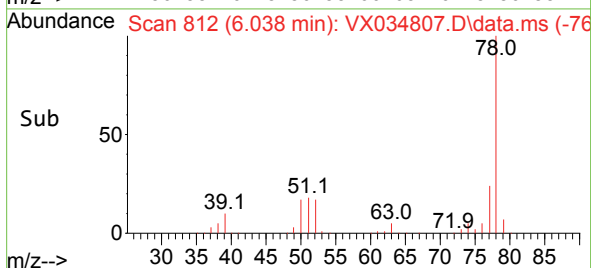
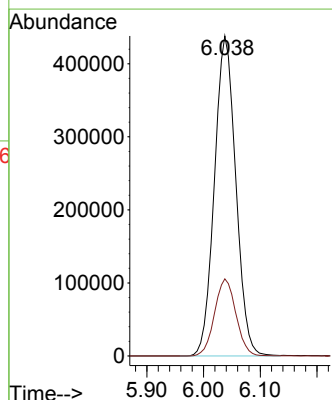
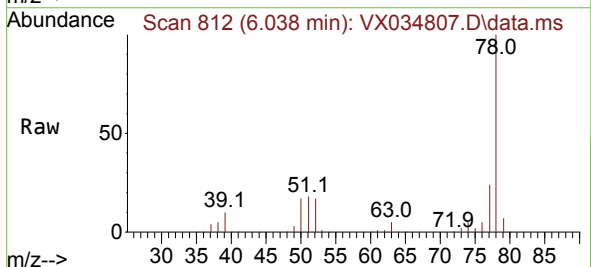
Acq: 28 Mar 2023 20:42

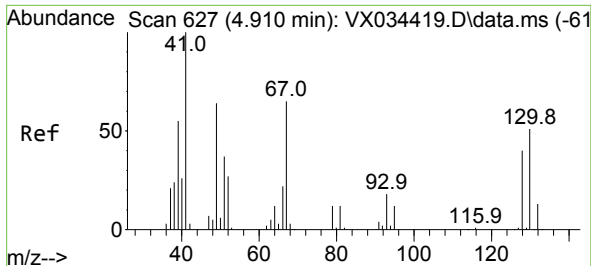
Tgt Ion: 78 Resp: 1146108

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4

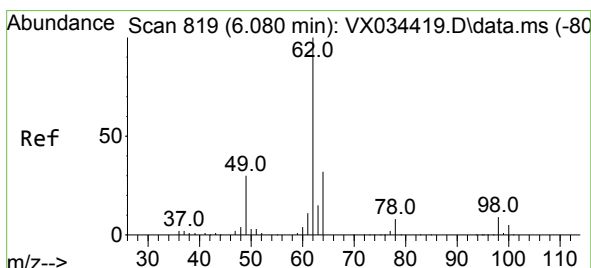
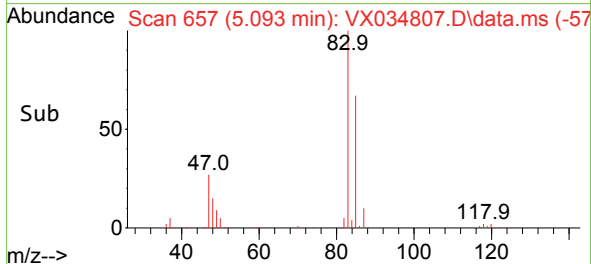
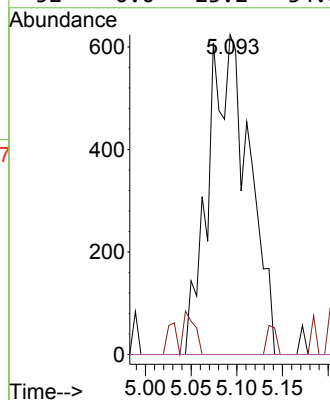
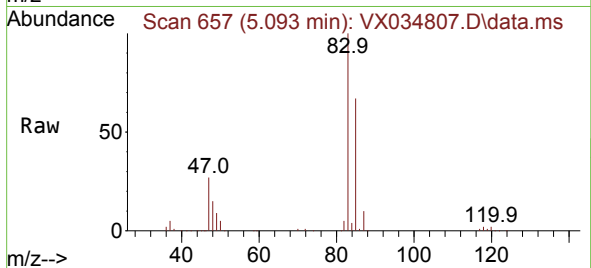




#41
Methacrylonitrile
Concen: 0.793 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.183 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

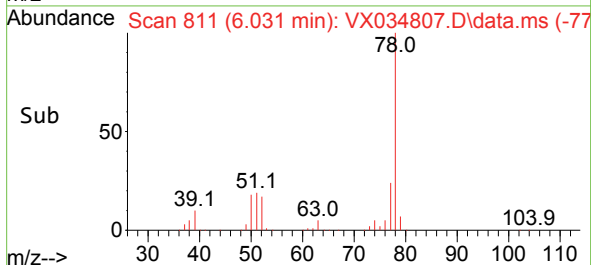
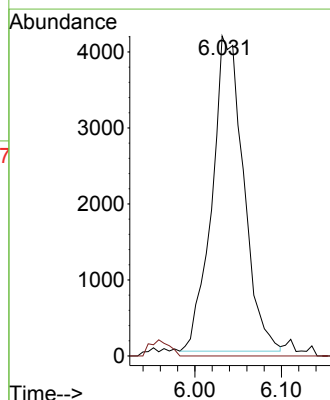
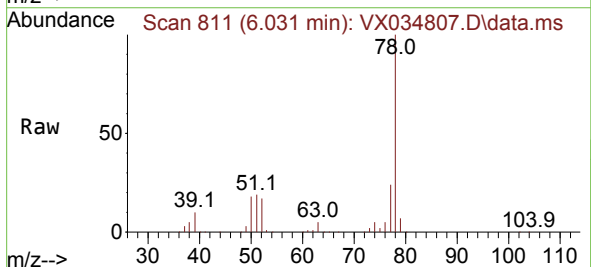
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

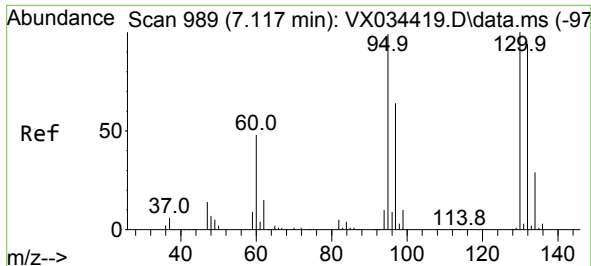
Tgt Ion: 41	Resp:	1935
Ion	Ratio	Lower Upper
41	100	
39	0.0	45.0 67.6#
67	0.0	55.6 83.4#
52	0.0	23.2 34.8#



#42
1,2-Dichloroethane
Concen: 2.394 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.049 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 62	Resp:	10495
Ion	Ratio	Lower Upper
62	100	
98	0.0	0.0 18.0





#44

Trichloroethene

Concen: 1.953 ug/l

RT: 7.129 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

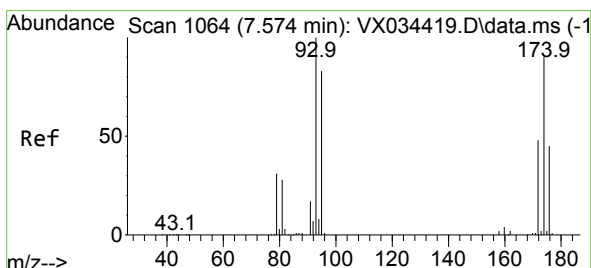
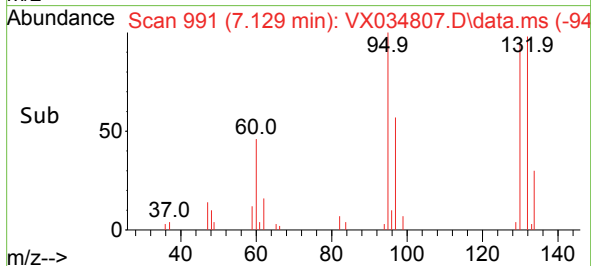
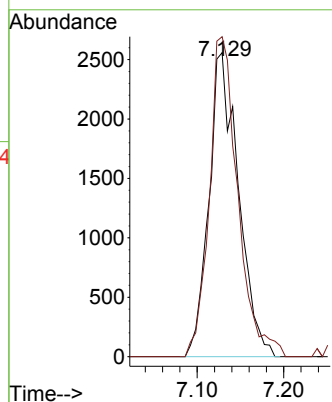
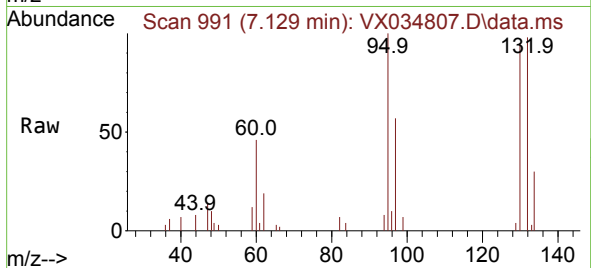
PT-VOA-WP

Tgt Ion:130 Resp: 6052

Ion Ratio Lower Upper

130 100

95 105.2 0.0 198.4



#46

Dibromomethane

Concen: 4.044 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.250 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

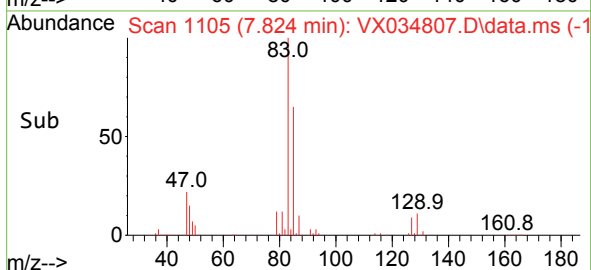
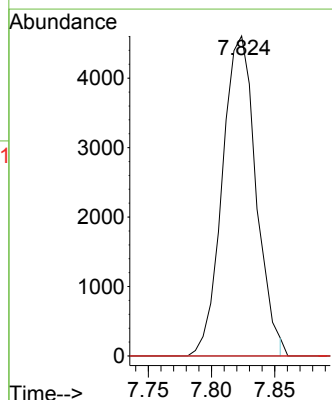
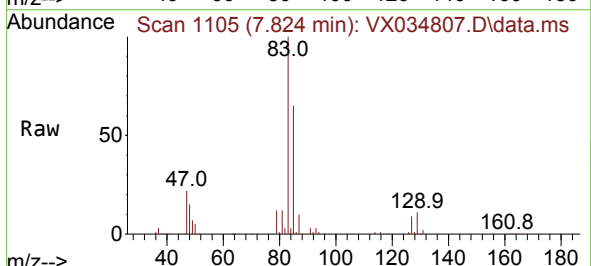
Tgt Ion: 93 Resp: 8561

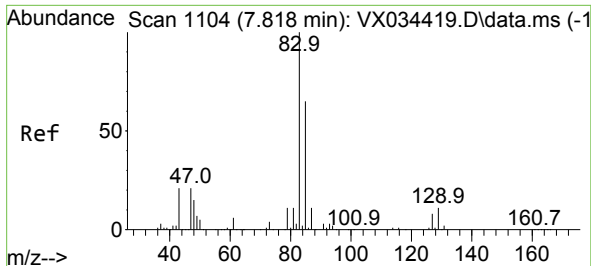
Ion Ratio Lower Upper

93 100

95 0.0 66.9 100.3#

174 0.0 75.4 113.0#

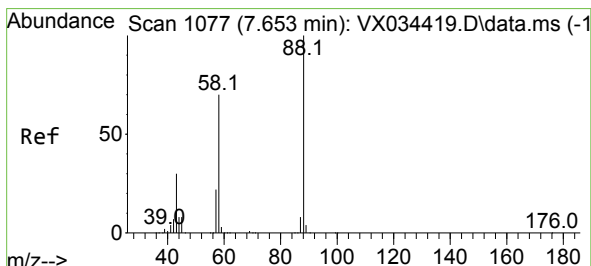
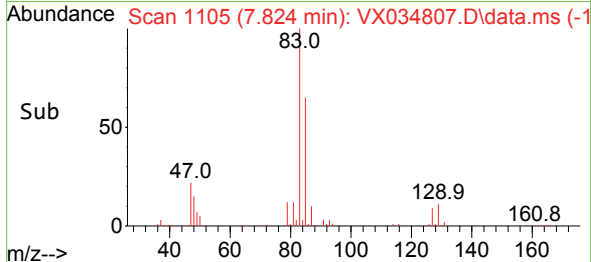
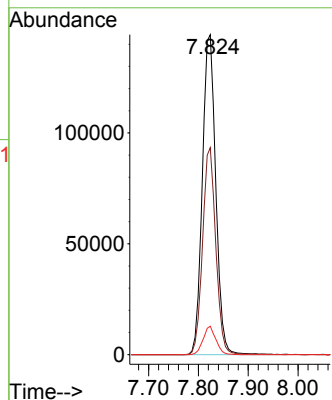
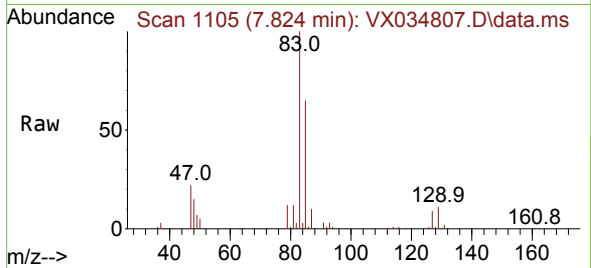




#47
Bromodichloromethane
Concen: 65.842 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

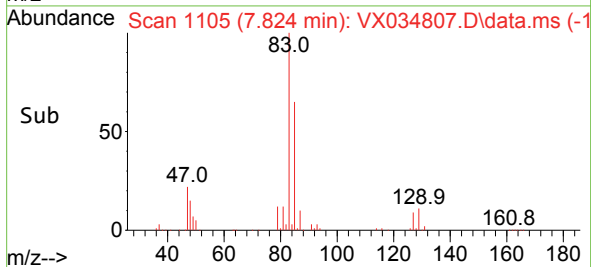
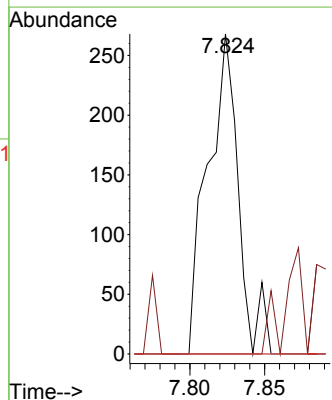
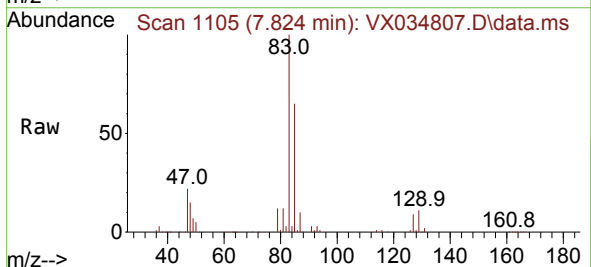
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

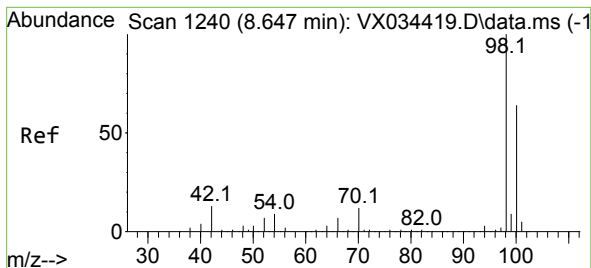
Tgt Ion: 83 Resp: 269778
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 8.9 6.6 9.8



#49
1,4-Dioxane
Concen: 5.025 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.171 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 88 Resp: 383
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#





#50

Toluene-d8

Concen: 49.014 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

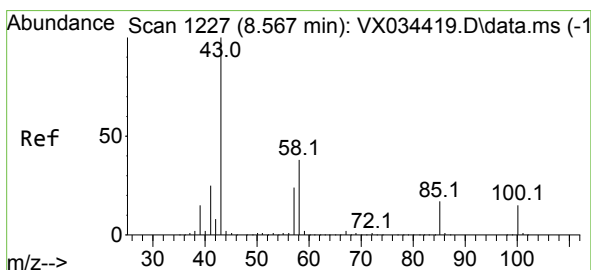
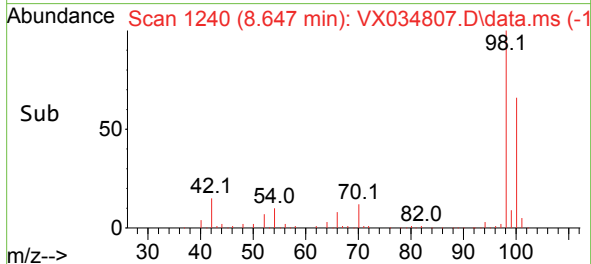
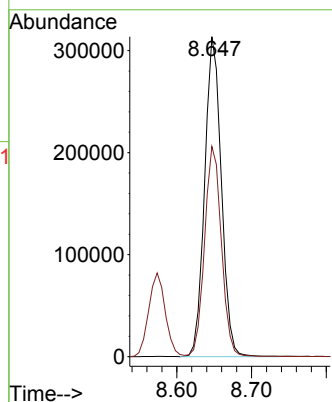
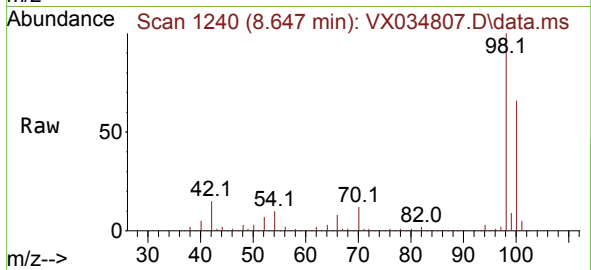
PT-VOA-WP

Tgt Ion: 98 Resp: 485664

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 198.414 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034807.D

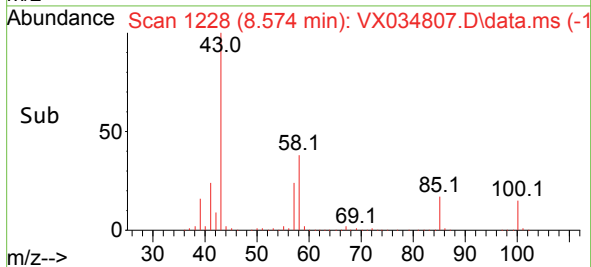
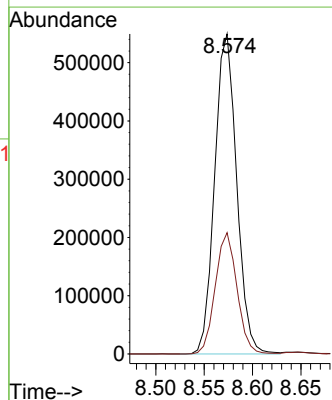
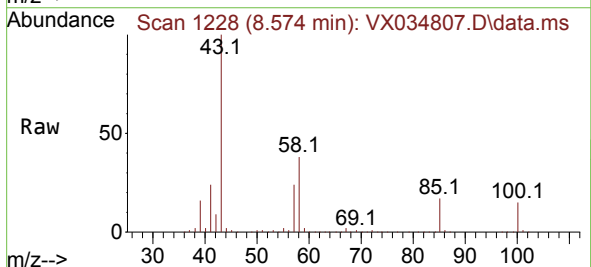
Acq: 28 Mar 2023 20:42

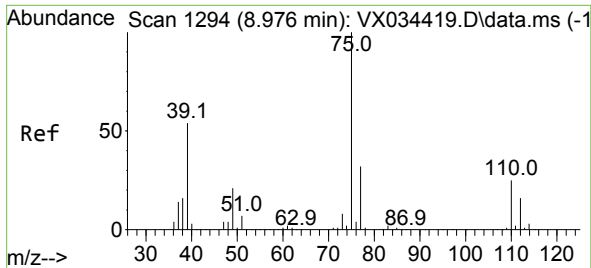
Tgt Ion: 43 Resp: 868456

Ion Ratio Lower Upper

43 100

58 37.3 30.6 46.0

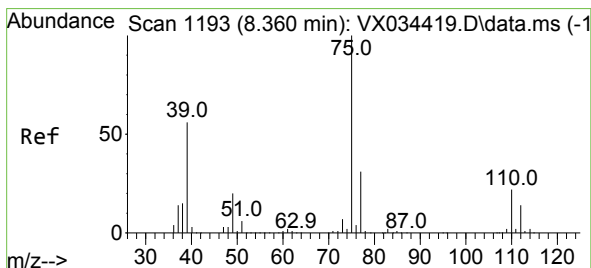
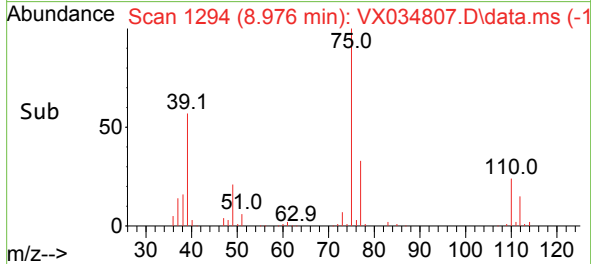
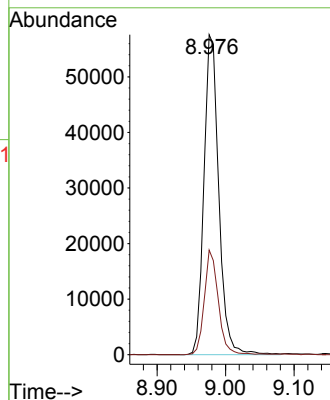
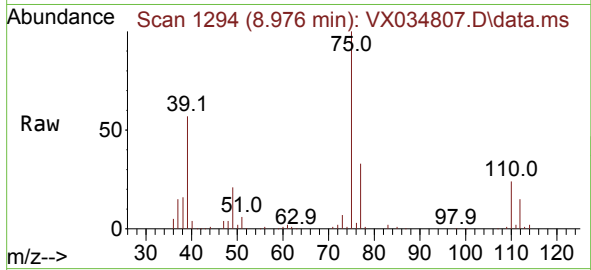




#53
 t-1,3-Dichloropropene
 Concen: 18.851 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034807.D
 Acq: 28 Mar 2023 20:42

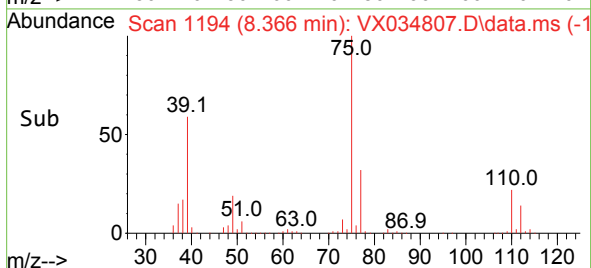
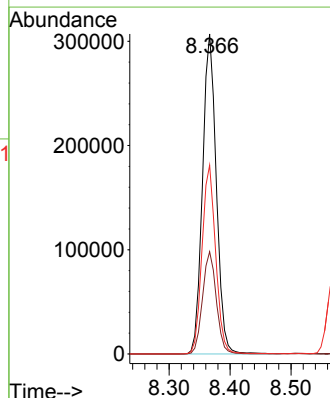
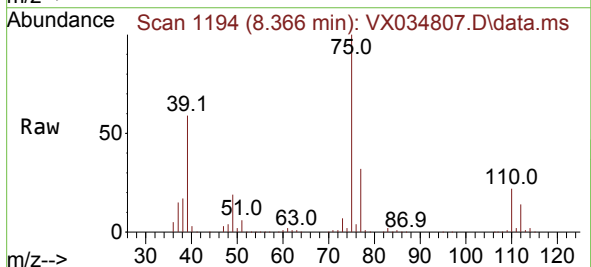
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

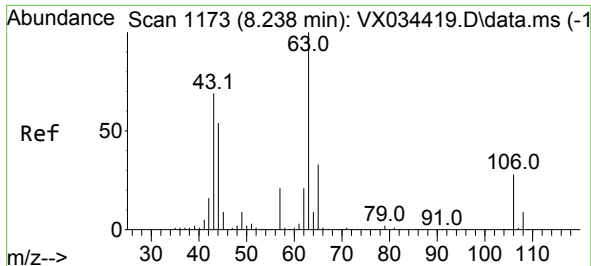
Tgt Ion: 75 Resp: 87017
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 96.878 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX034807.D
 Acq: 28 Mar 2023 20:42

Tgt Ion: 75 Resp: 483818
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4
 39 59.0 44.6 66.8

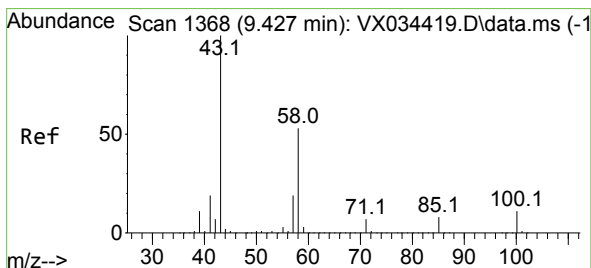
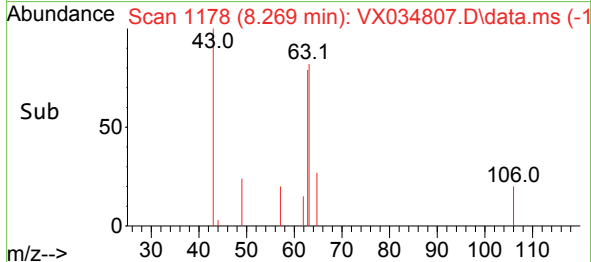
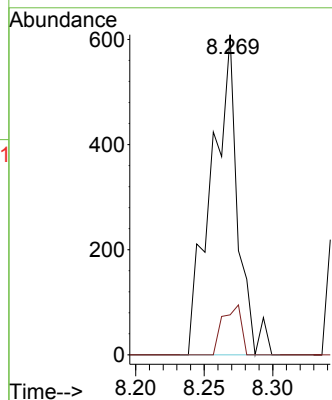
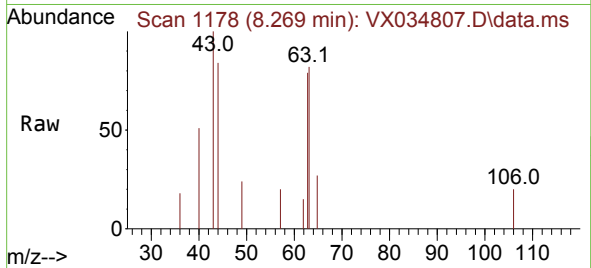




#58
2-Chloroethyl Vinyl ether
Concen: 0.329 ug/l
RT: 8.269 min Scan# 1178
Delta R.T. 0.031 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

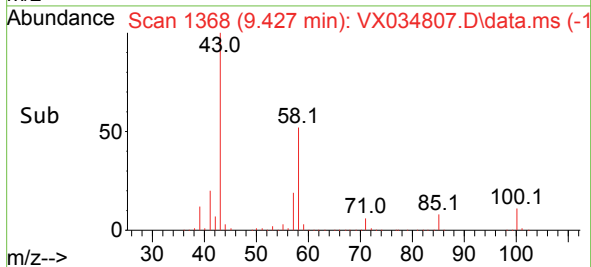
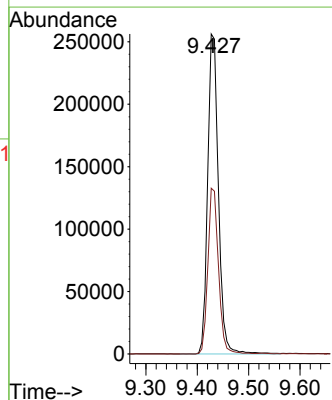
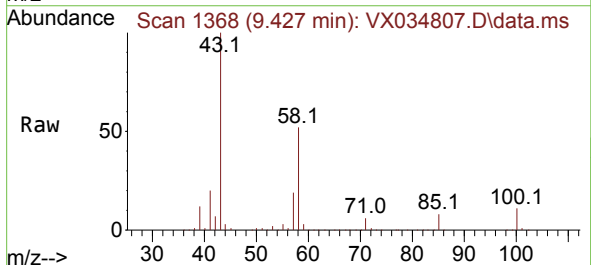
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

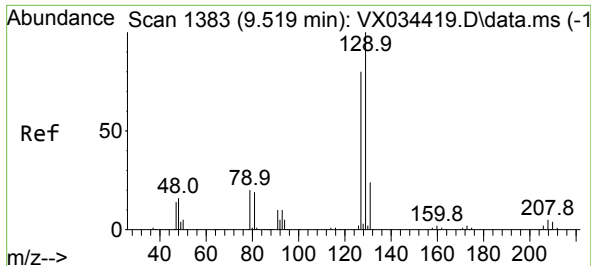
Tgt Ion: 63 Resp: 815
Ion Ratio Lower Upper
63 100
106 10.9 22.2 33.2#



#59
2-Hexanone
Concen: 109.706 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 43 Resp: 371187
Ion Ratio Lower Upper
43 100
58 51.1 26.3 78.9

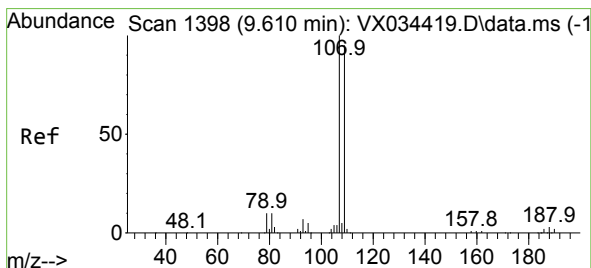
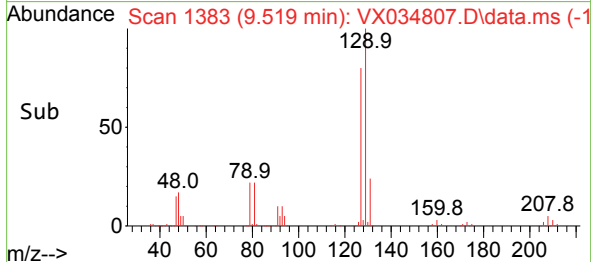
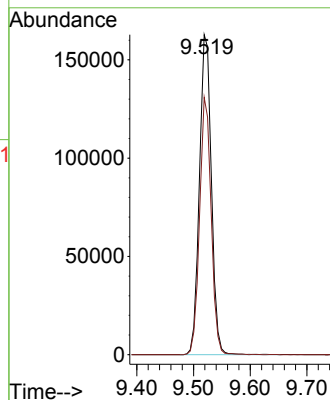
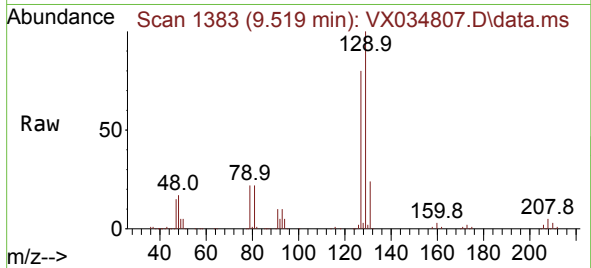




#60
Dibromochloromethane
Concen: 77.372 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

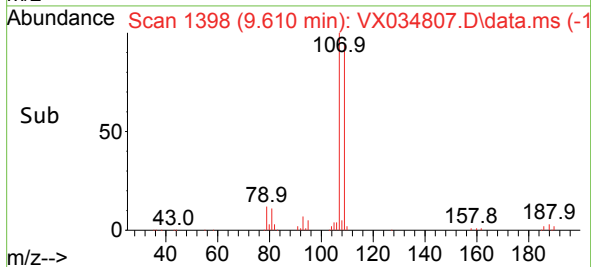
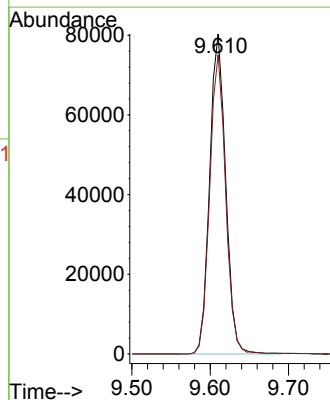
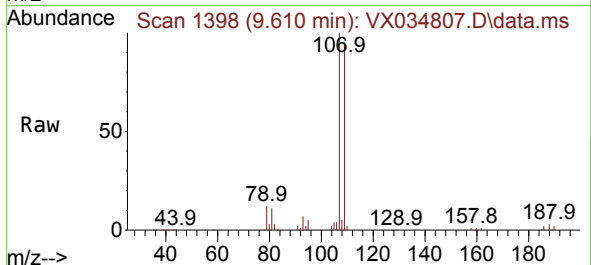
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

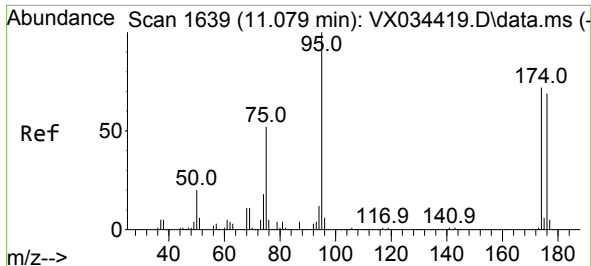
Tgt Ion:129 Resp: 237787
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0



#61
1,2-Dibromoethane
Concen: 36.052 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion:107 Resp: 114001
Ion Ratio Lower Upper
107 100
109 93.0 75.3 112.9

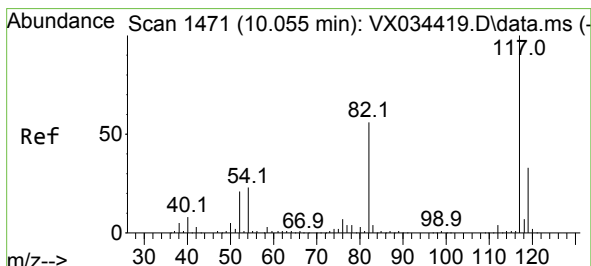
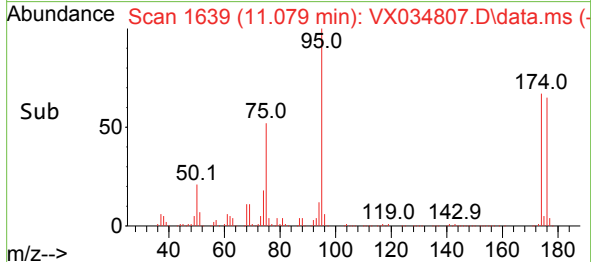
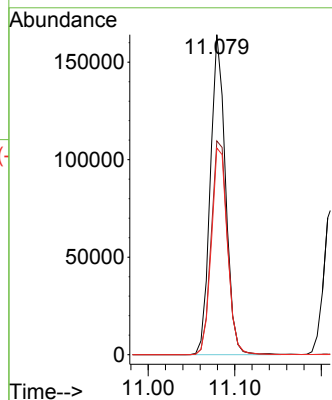
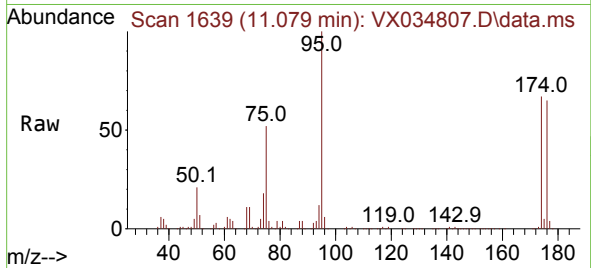




#62
4-Bromofluorobenzene
Concen: 49.847 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

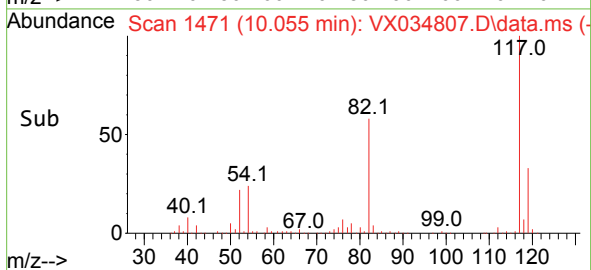
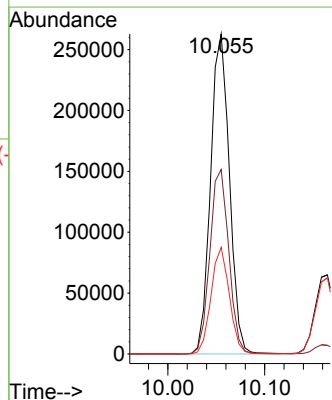
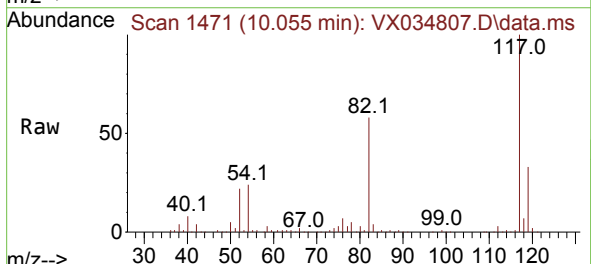
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

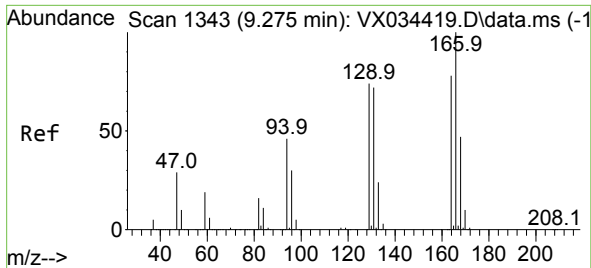
Tgt Ion: 95 Resp: 199507
Ion Ratio Lower Upper
95 100
174 71.6 0.0 147.4
176 68.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 117 Resp: 355991
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 33.3 26.0 39.0

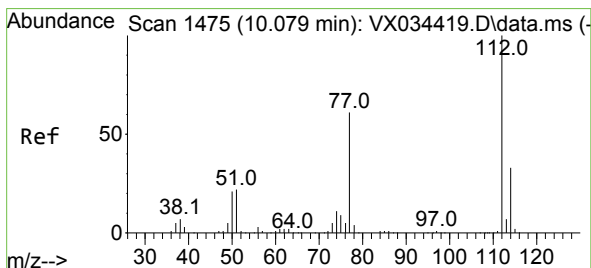
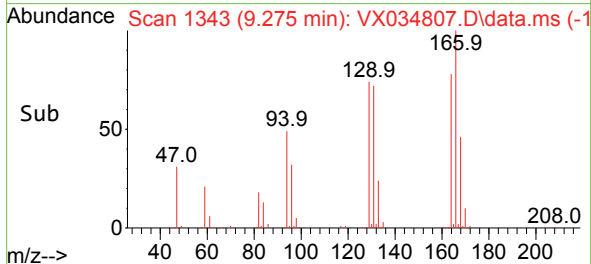
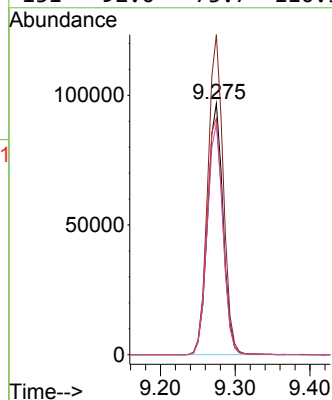
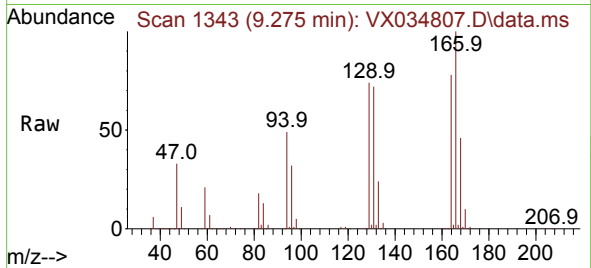




#64
Tetrachloroethene
Concen: 57.992 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

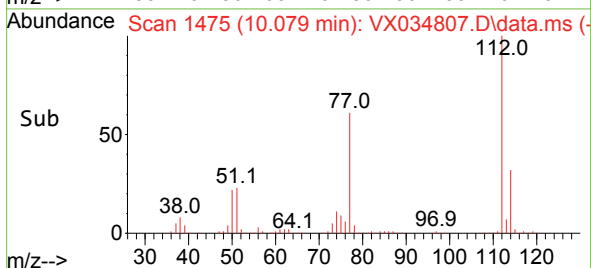
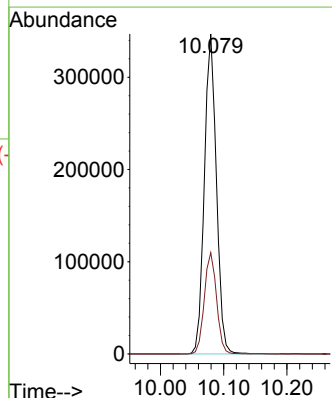
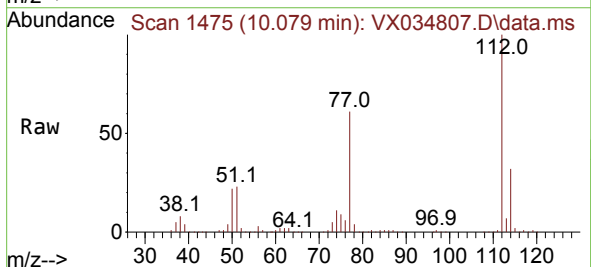
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

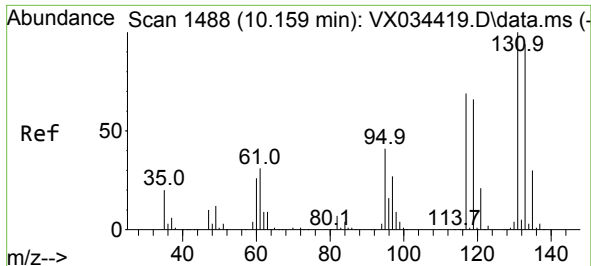
Tgt Ion:164 Resp: 138678
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 94.1 75.6 113.4
131 92.0 73.7 110.5



#65
Chlorobenzene
Concen: 58.831 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion:112 Resp: 459511
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

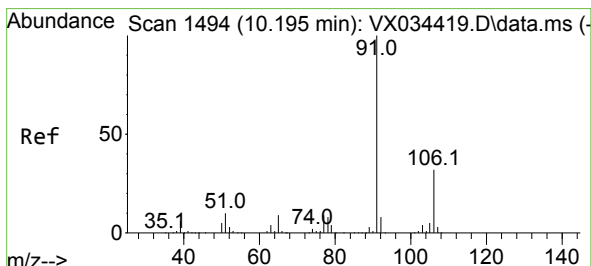
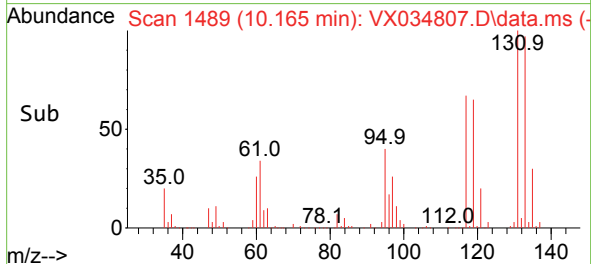
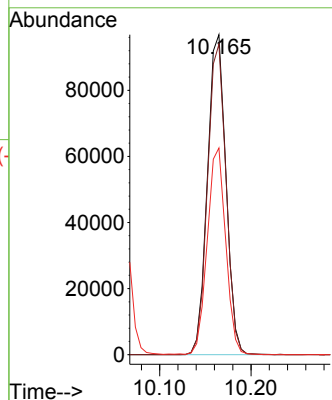
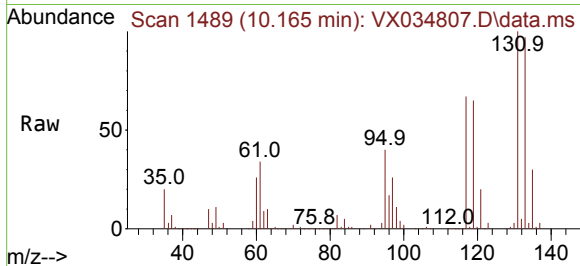




#66
 1,1,1,2-Tetrachloroethane
 Concen: 47.861 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.006 min
 Lab File: VX034807.D
 Acq: 28 Mar 2023 20:42

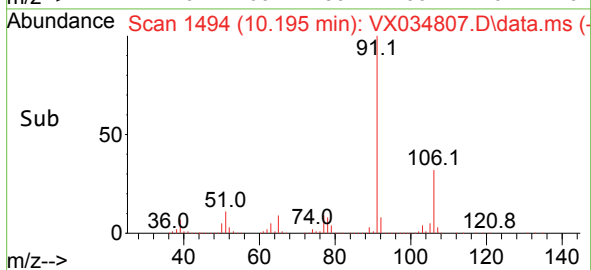
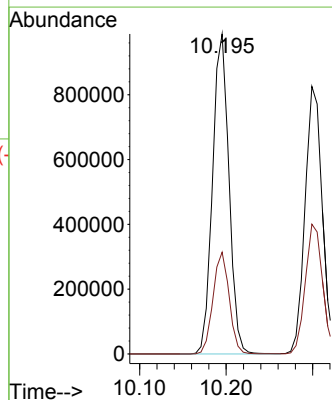
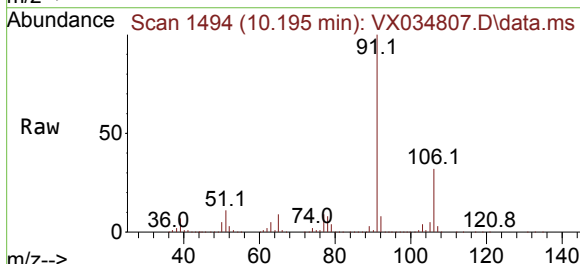
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

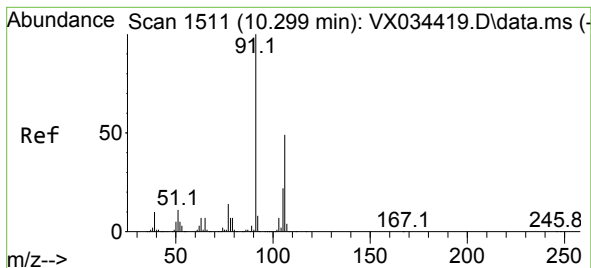
Tgt Ion:131 Resp: 136152
 Ion Ratio Lower Upper
 131 100
 133 96.7 47.1 141.4
 119 64.3 32.6 98.0



#67
 Ethyl Benzene
 Concen: 92.934 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX034807.D
 Acq: 28 Mar 2023 20:42

Tgt Ion: 91 Resp: 1299495
 Ion Ratio Lower Upper
 91 100
 106 31.8 25.6 38.4





#68

m/p-Xylenes

Concen: 103.771 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

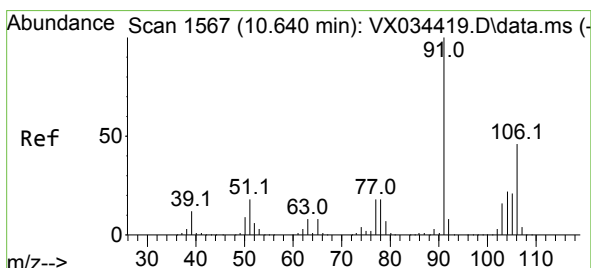
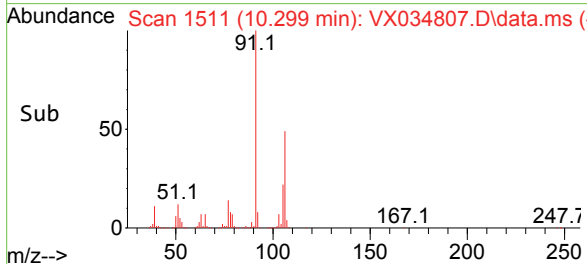
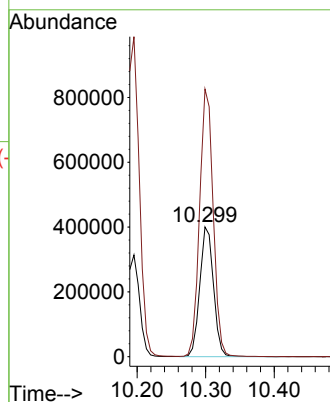
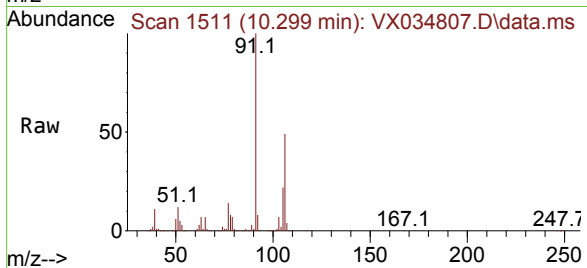
PT-VOA-WP

Tgt Ion:106 Resp: 557401

Ion Ratio Lower Upper

106 100

91 205.2 164.0 246.0



#69

o-Xylene

Concen: 117.403 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034807.D

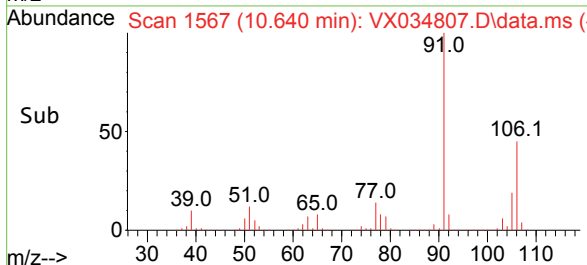
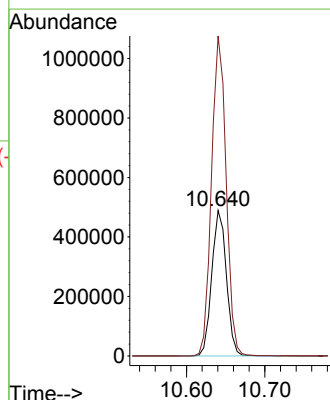
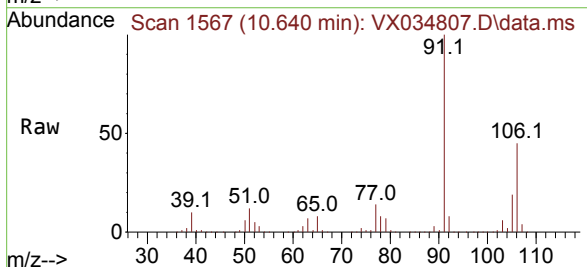
Acq: 28 Mar 2023 20:42

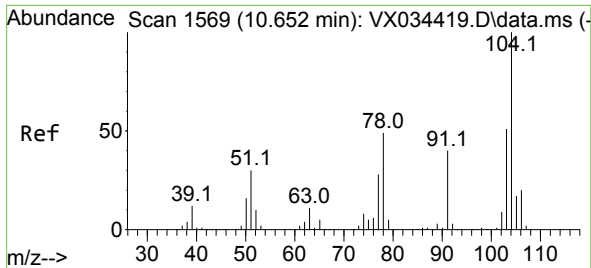
Tgt Ion:106 Resp: 632857

Ion Ratio Lower Upper

106 100

91 220.2 108.5 325.3

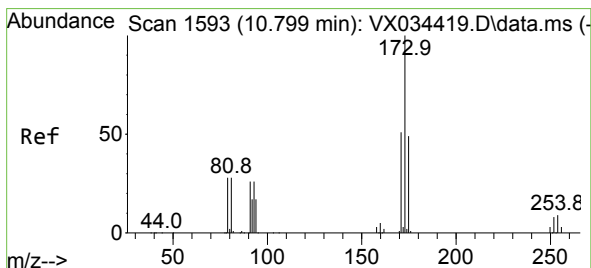
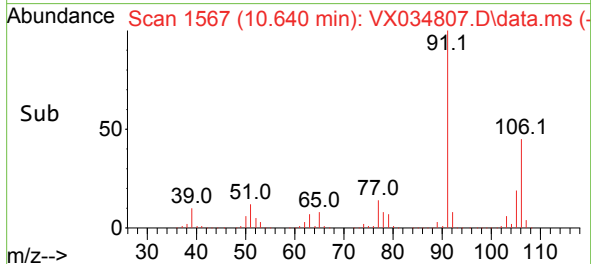
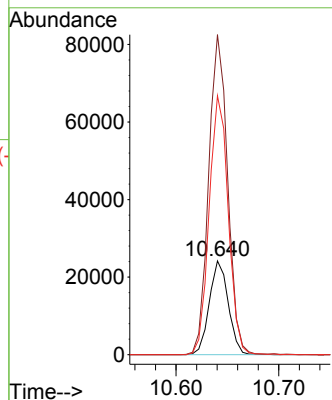
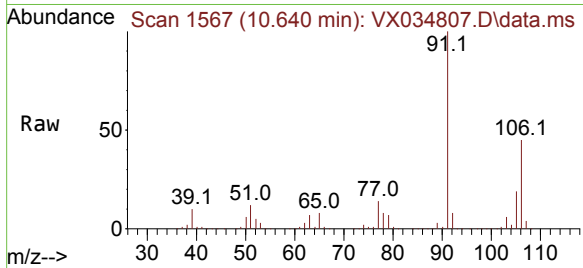




#70
Styrene
Concen: 3.574 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.012 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

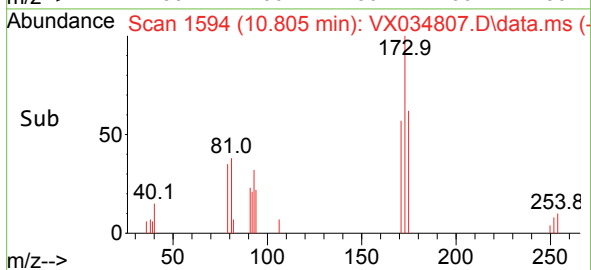
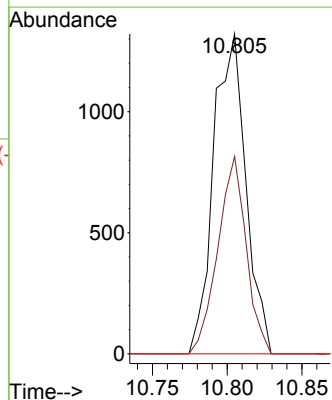
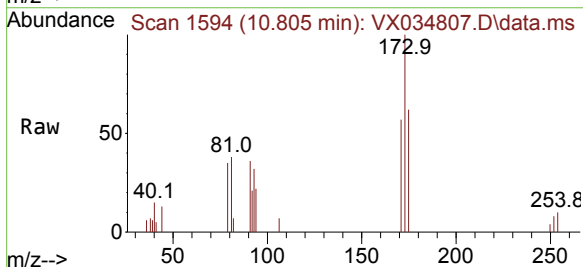
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

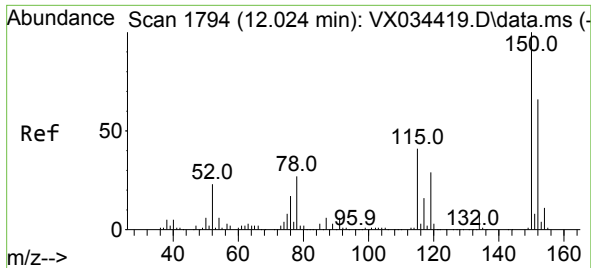
Tgt Ion:104 Resp: 31079
Ion Ratio Lower Upper
104 100
78 340.6 43.4 65.2#
103 278.5 44.2 66.2#



#71
Bromoform
Concen: 0.905 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion:173 Resp: 1981
Ion Ratio Lower Upper
173 100
175 54.4 24.1 72.4
254 0.0 0.1 0.1#

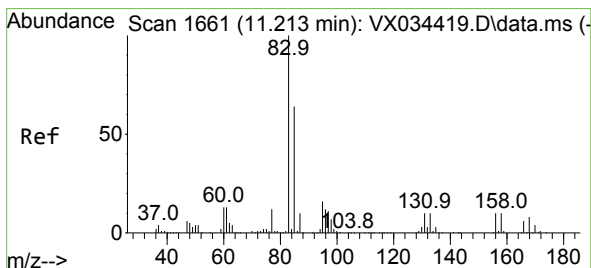
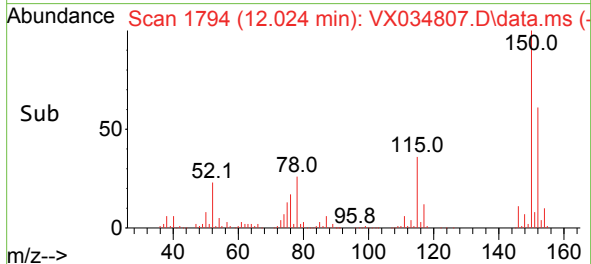
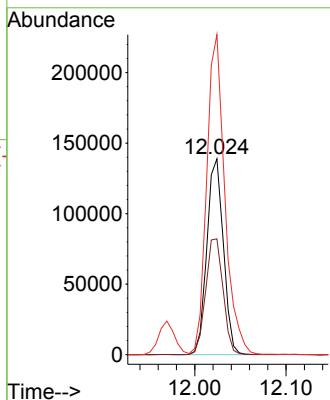
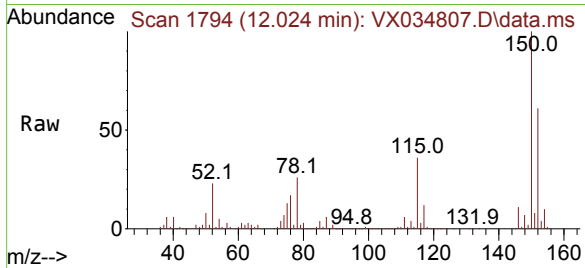




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX034807.D
 Acq: 28 Mar 2023 20:42

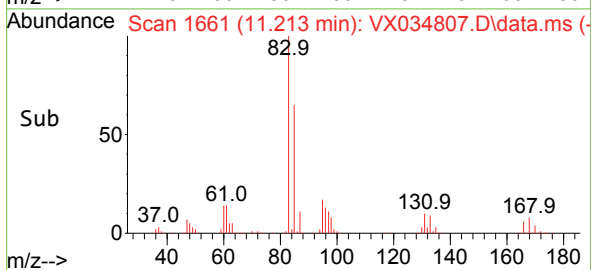
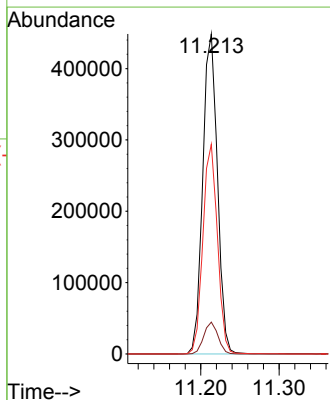
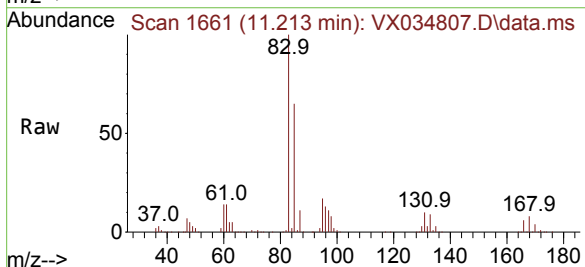
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

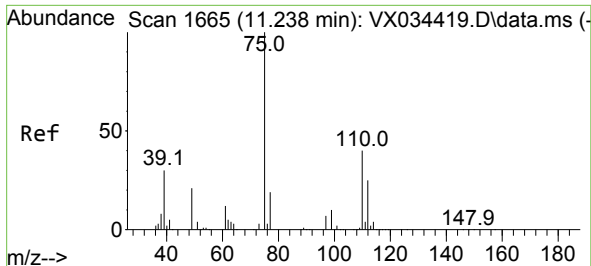
Tgt Ion:152 Resp: 174519
 Ion Ratio Lower Upper
 152 100
 115 61.8 45.0 135.0
 150 178.7 0.0 352.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: 129.571 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX034807.D
 Acq: 28 Mar 2023 20:42

Tgt Ion: 83 Resp: 583194
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.3
 85 64.9 32.0 96.0

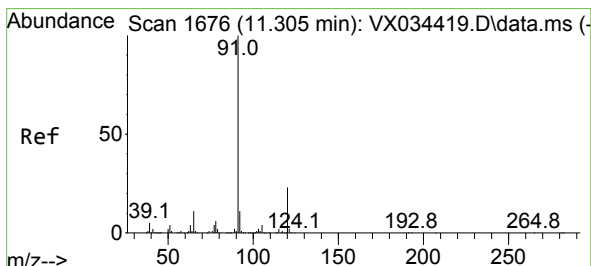
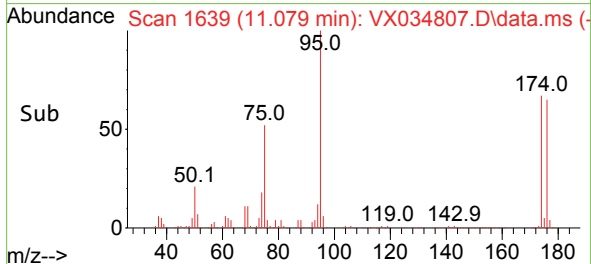
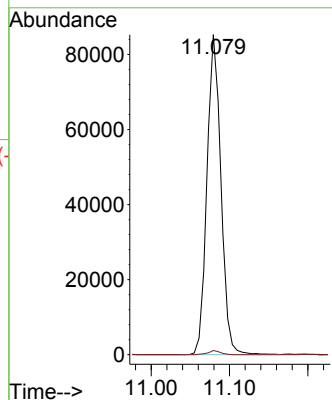
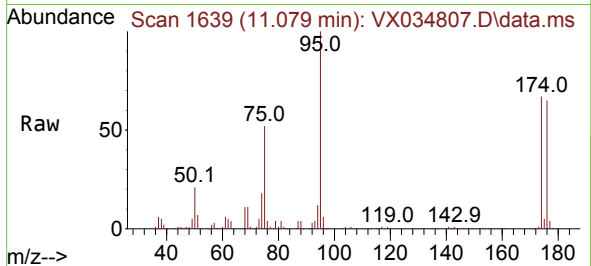




#76
1,2,3-Trichloropropane
Concen: 26.301 ug/l
RT: 11.079 min Scan# 1100
Delta R.T. -0.158 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

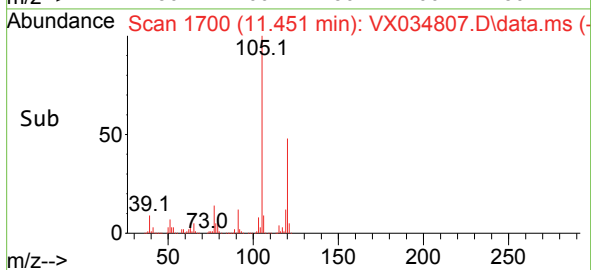
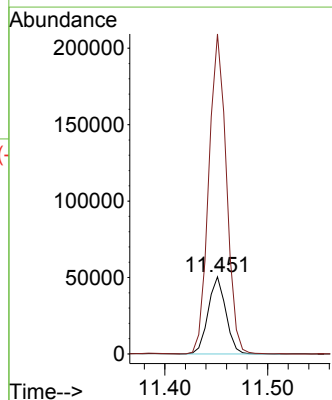
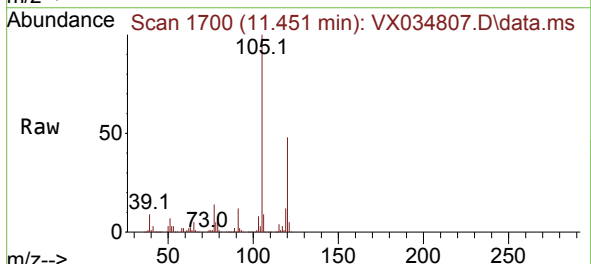
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

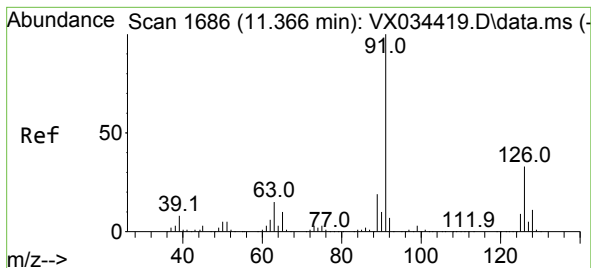
Tgt Ion: 75 Resp: 105392
Ion Ratio Lower Upper
75 100
77 0.0 21.6 64.8#



#78
n-propylbenzene
Concen: 3.863 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.146 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 91 Resp: 60183
Ion Ratio Lower Upper
91 100
120 413.8 11.5 34.5#





#79

2-Chlorotoluene

Concen: 6.256 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.085 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

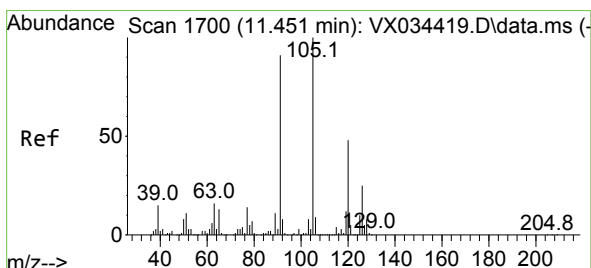
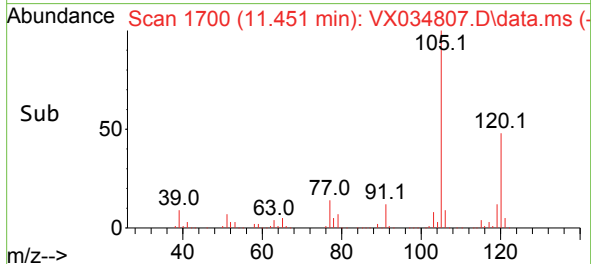
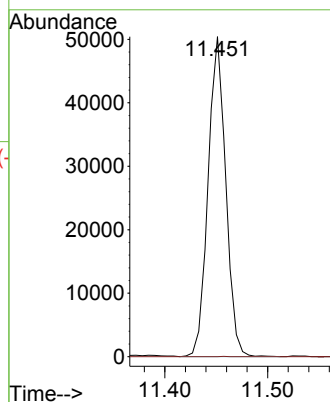
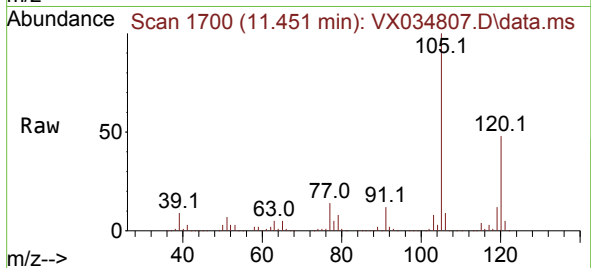
PT-VOA-WP

Tgt Ion: 91 Resp: 60183

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#



#80

1,3,5-Trimethylbenzene

Concen: 46.025 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034807.D

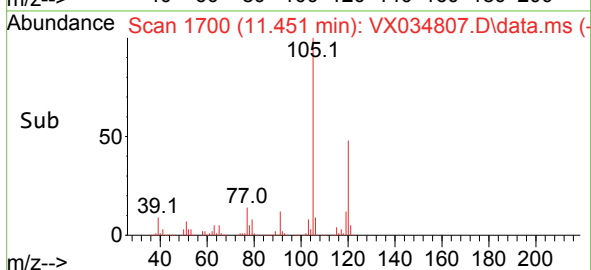
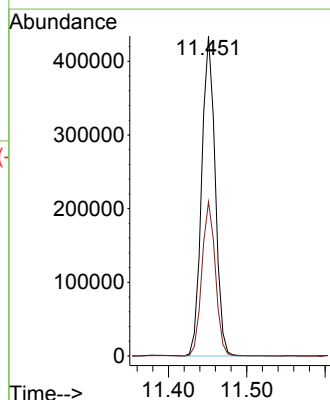
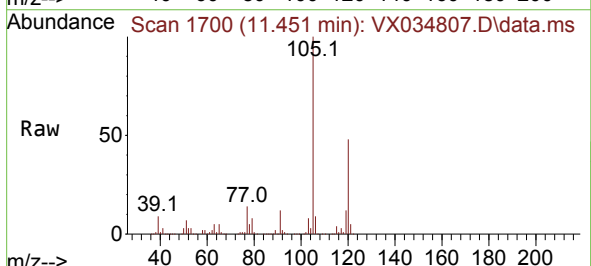
Acq: 28 Mar 2023 20:42

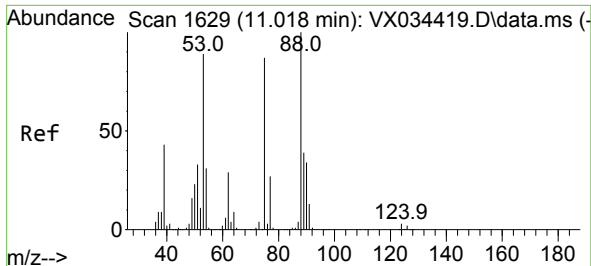
Tgt Ion: 105 Resp: 520706

Ion Ratio Lower Upper

105 100

120 47.8 23.7 71.1

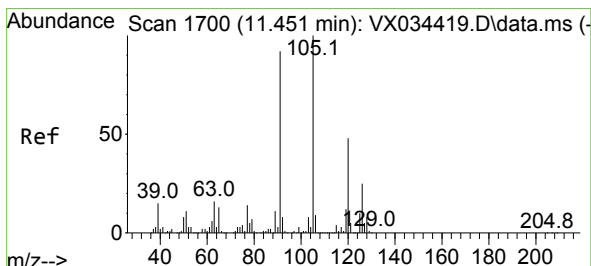
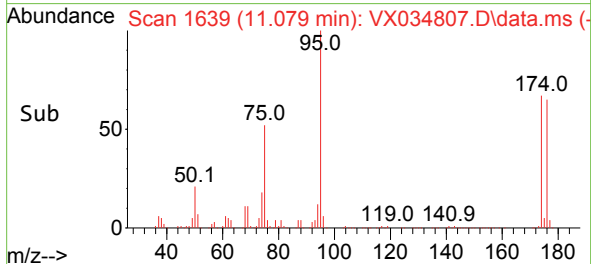
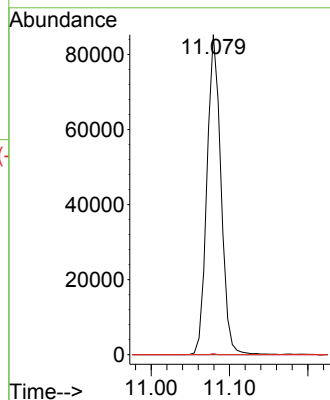
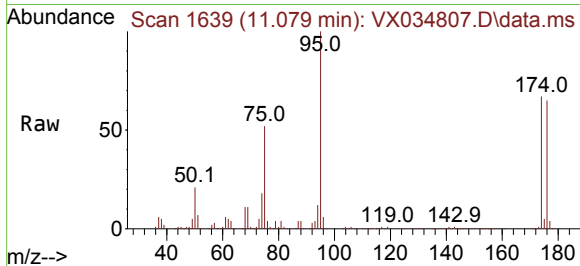




#81
trans-1,4-Dichloro-2-butene
Concen: 71.152 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

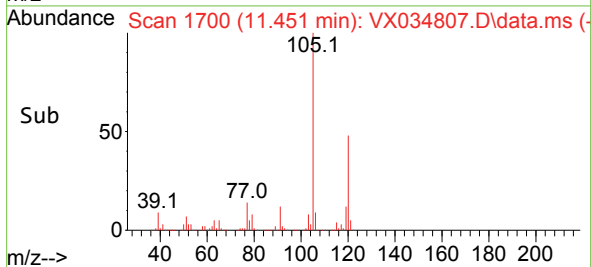
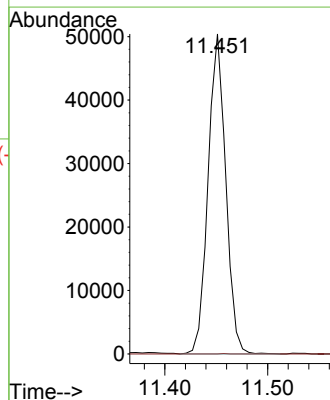
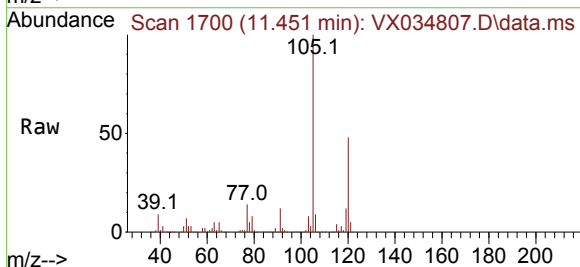
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

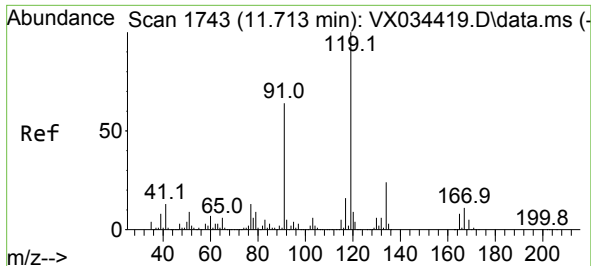
Tgt Ion: 75 Resp: 105392
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#



#82
4-Chlorotoluene
Concen: 5.431 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion: 91 Resp: 60183
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#

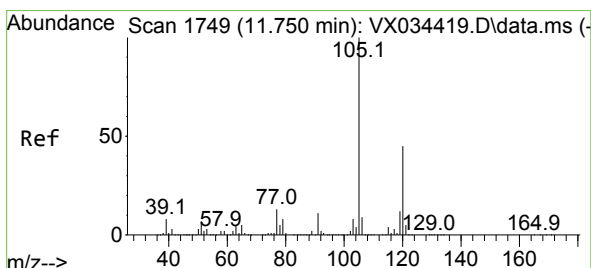
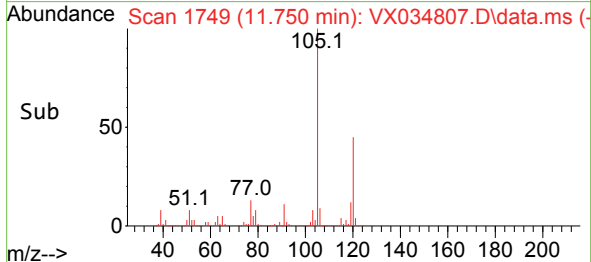
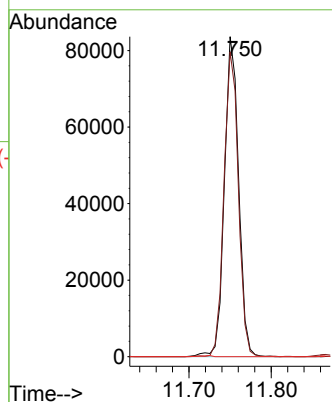
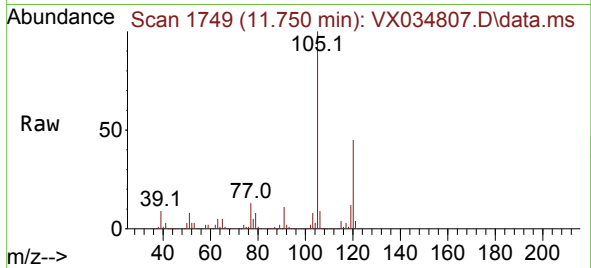




#83
 tert-Butylbenzene
 Concen: 8.811 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.037 min
 Lab File: VX034807.D
 Acq: 28 Mar 2023 20:42

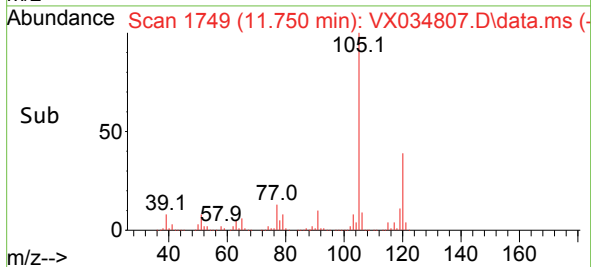
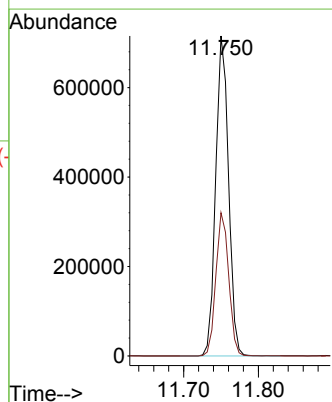
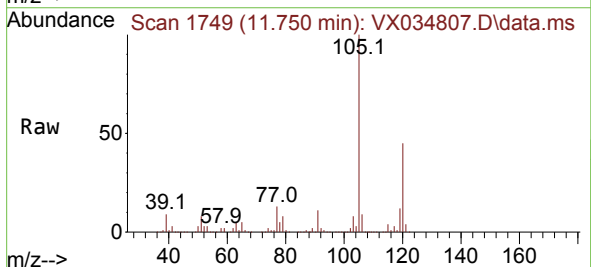
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

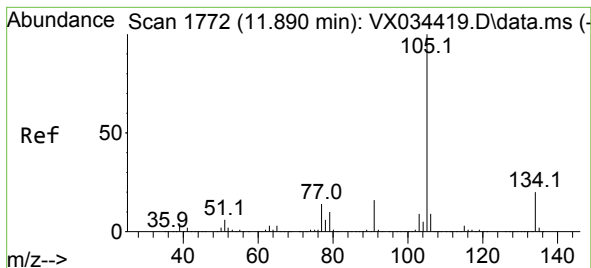
Tgt Ion:119 Resp: 100502
 Ion Ratio Lower Upper
 119 100
 91 96.4 30.6 92.0#
 134 0.0 11.8 35.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 73.801 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX034807.D
 Acq: 28 Mar 2023 20:42

Tgt Ion:105 Resp: 853312
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.0





#85

sec-Butylbenzene

Concen: 61.190 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.140 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

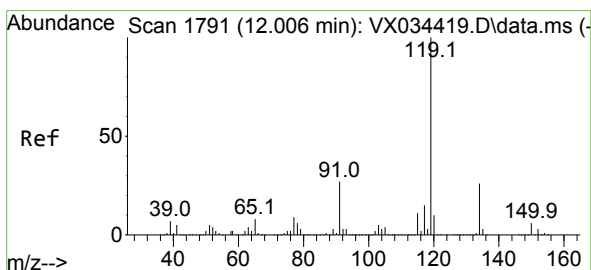
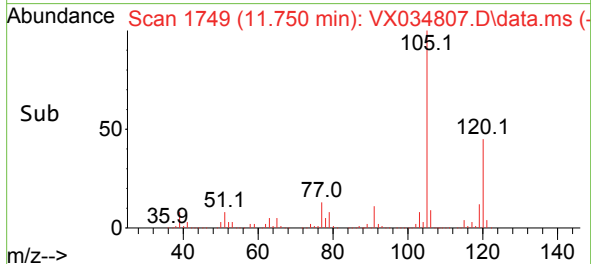
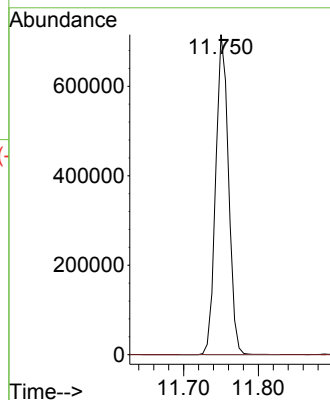
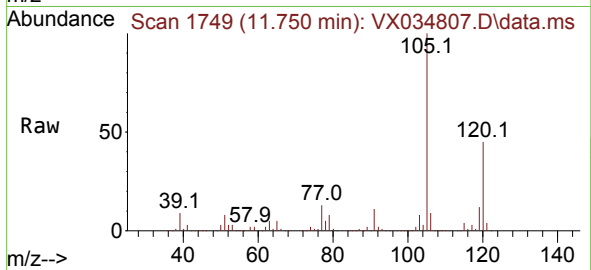
PT-VOA-WP

Tgt Ion:105 Resp: 853312

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 8.481 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.256 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

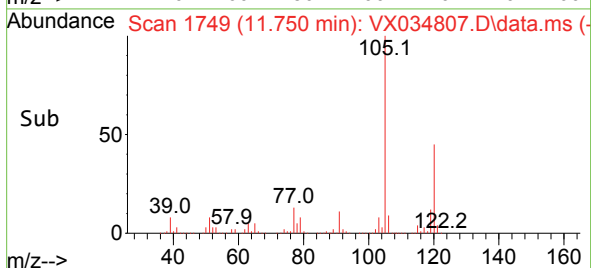
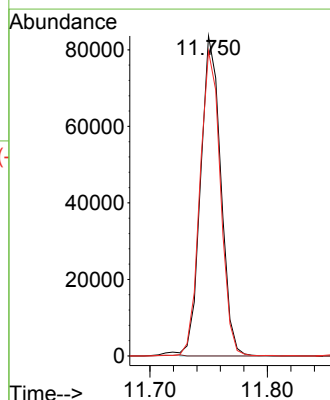
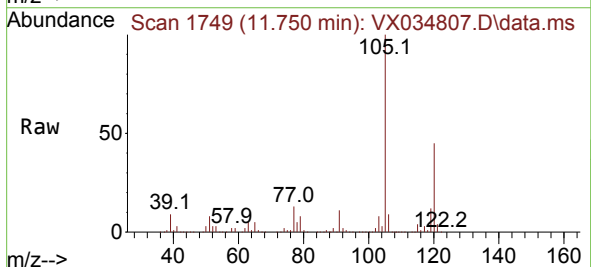
Tgt Ion:119 Resp: 99401

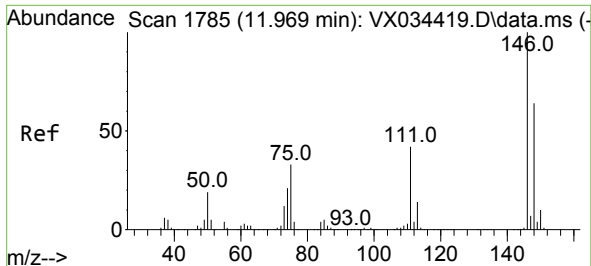
Ion Ratio Lower Upper

119 100

134 0.0 13.2 39.5#

91 97.2 12.9 38.7#

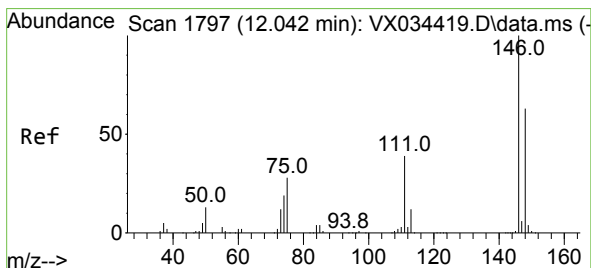
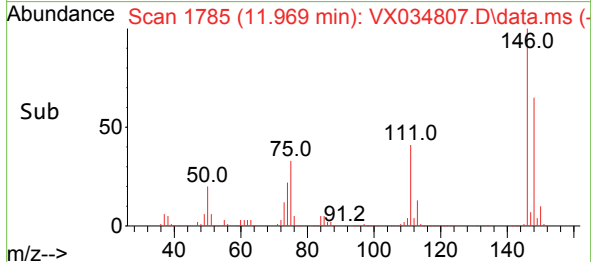
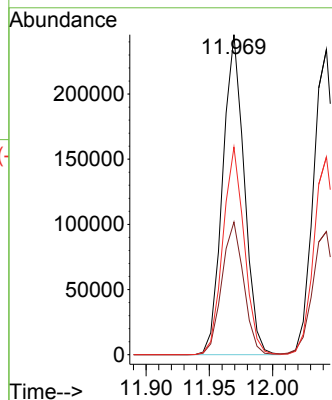
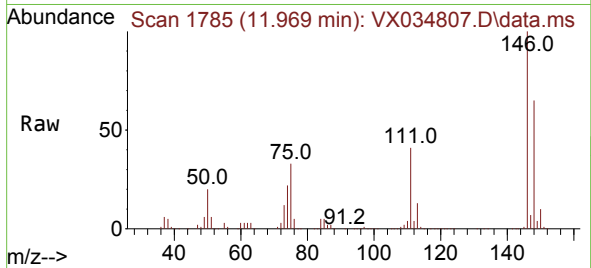




#87
1,3-Dichlorobenzene
Concen: 45.842 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

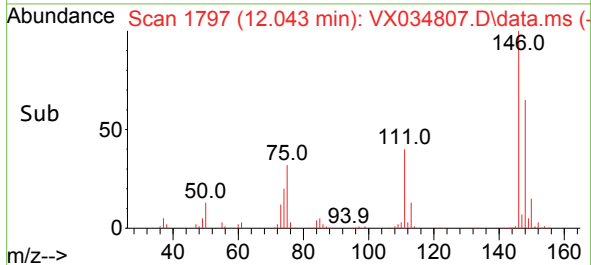
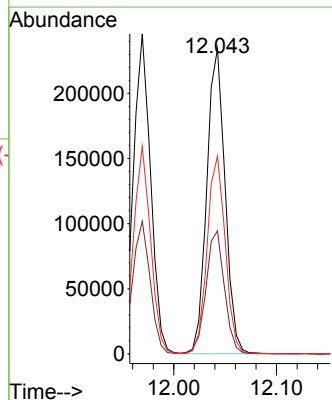
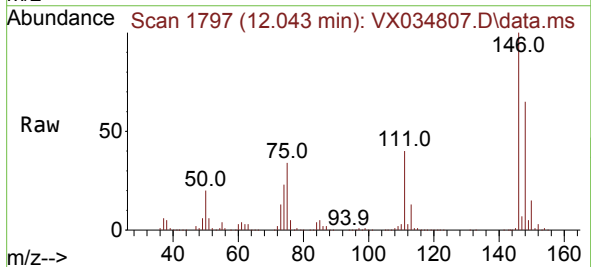
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

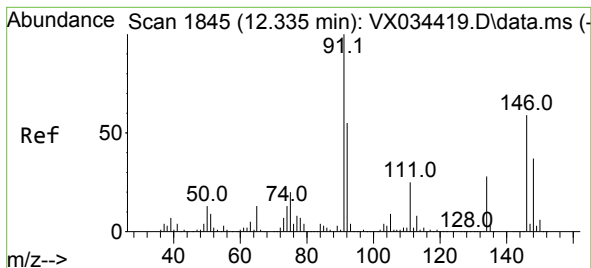
Tgt Ion:146 Resp: 290671
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.8
148 64.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 45.243 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034807.D
Acq: 28 Mar 2023 20:42

Tgt Ion:146 Resp: 290068
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 64.5 31.8 95.4





#91

1,2-Dichlorobenzene

Concen: 115.771 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

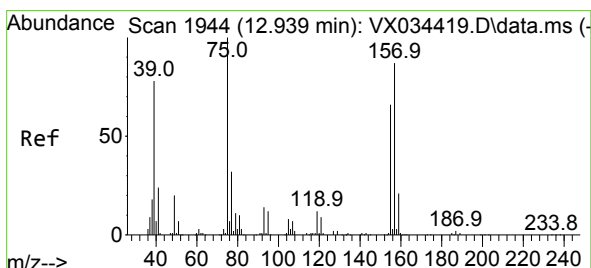
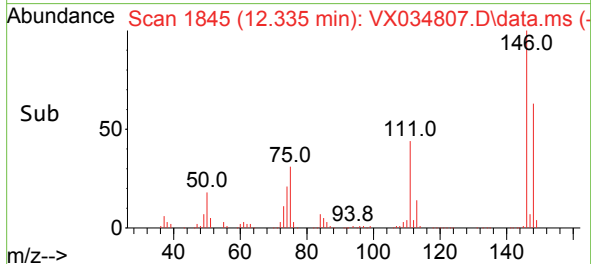
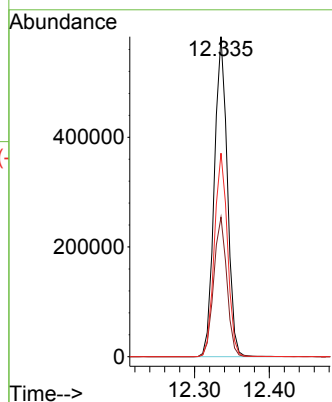
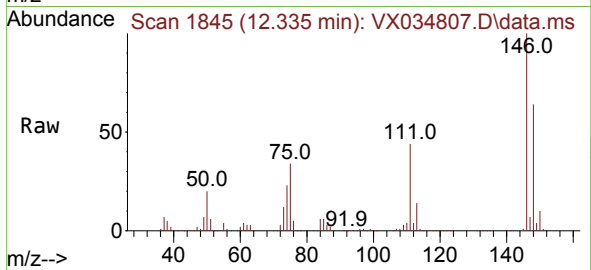
Tgt Ion:146 Resp: 709404

Ion Ratio Lower Upper

146 100

111 43.8 22.0 66.0

148 64.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.906 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

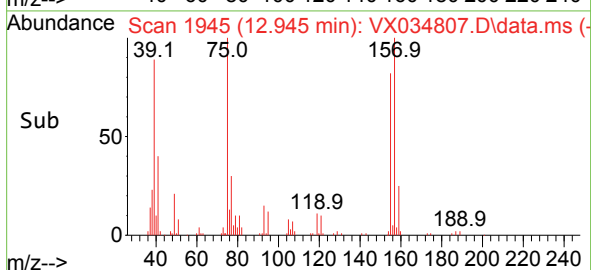
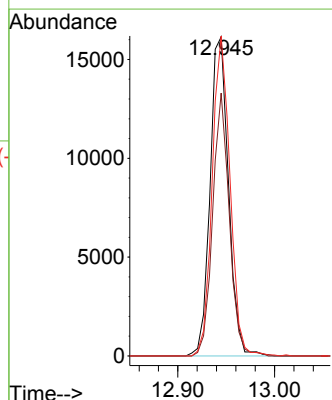
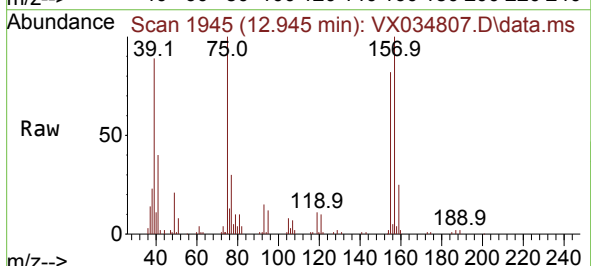
Tgt Ion: 75 Resp: 21379

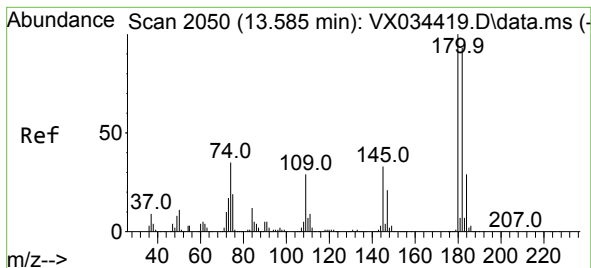
Ion Ratio Lower Upper

75 100

155 74.5 38.4 115.1

157 96.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 68.439 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

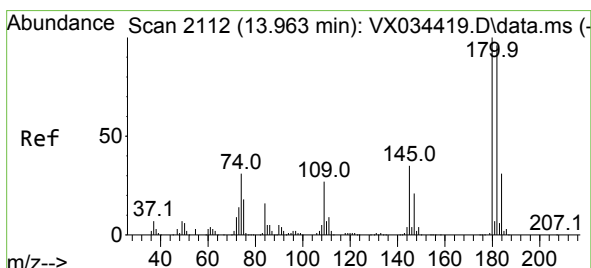
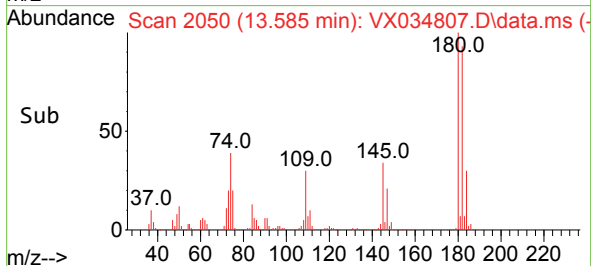
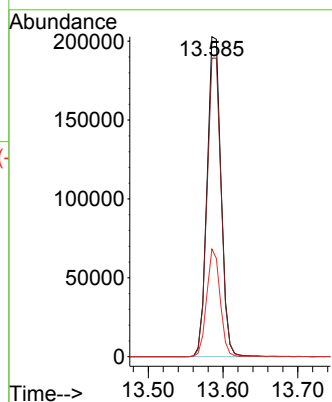
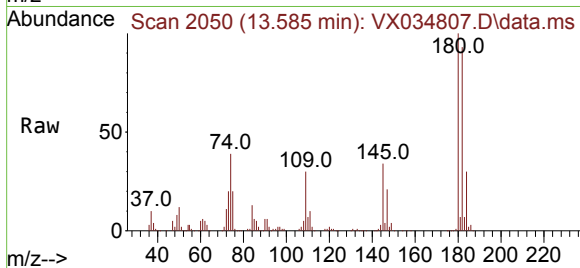
Tgt Ion:180 Resp: 262254

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.0

145 32.4 15.9 47.7



#96

1,2,3-Trichlorobenzene

Concen: 0.286 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034807.D

Acq: 28 Mar 2023 20:42

Tgt Ion:180 Resp: 1072

Ion Ratio Lower Upper

180 100

182 91.8 48.0 144.2

145 34.0 17.7 53.1

