

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044884.D
 Acq On : 10 Feb 2025 16:51
 Operator : JC/MD
 Sample : Q1250-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-340-342

Quant Time: Feb 11 06:07:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

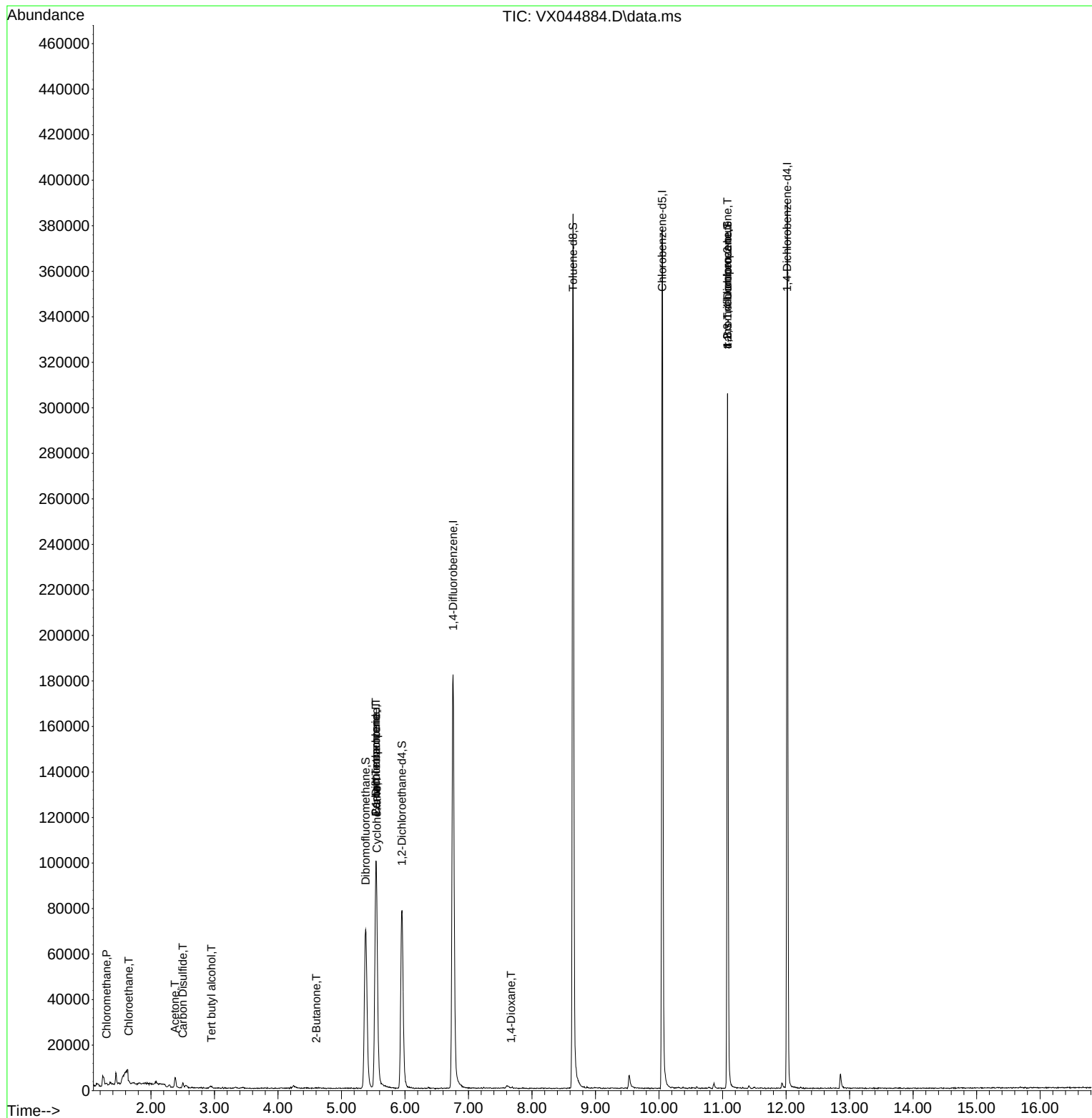
Internal Standards						
1) Pentafluorobenzene	5.544	168	96963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74198	52.276	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.560%			
35) Dibromofluoromethane	5.379	113	64354	51.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	8.647	98	236798	49.719	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.440%			
62) 4-Bromofluorobenzene	11.079	95	84055	52.350	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.700%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	778	0.470	ug/l #	86
6) Chloroethane	1.648	64	142	1.524	ug/l #	42
11) Tert butyl alcohol	2.953	59	421	1.599	ug/l #	73
16) Acetone	2.380	43	4967	8.705	ug/l #	86
17) Carbon Disulfide	2.502	76	2776	0.810	ug/l	99
25) 2-Butanone	4.605	43	272	0.294	ug/l #	48
31) Cyclohexane	5.556	56	2196	0.996	ug/l #	11
36) 1,1-Dichloropropene	5.544	75	8265	4.548	ug/l #	46
38) Carbon Tetrachloride	5.544	117	10158	5.704	ug/l #	16
49) 1,4-Dioxane	7.671	88	83	2.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43172	25.654	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43172	65.991	ug/l #	11

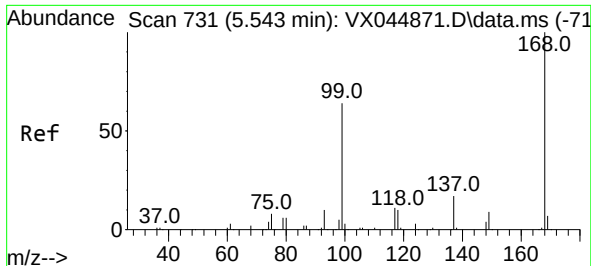
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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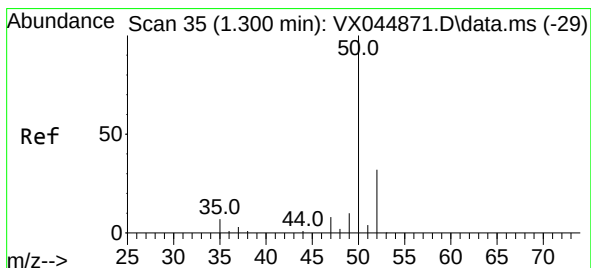
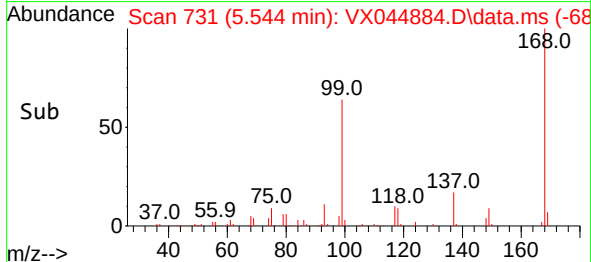
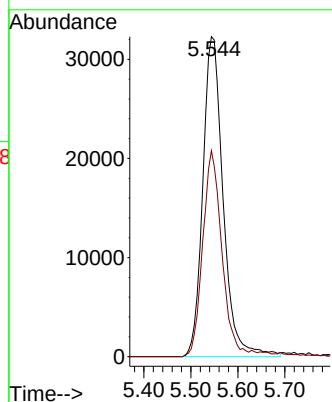
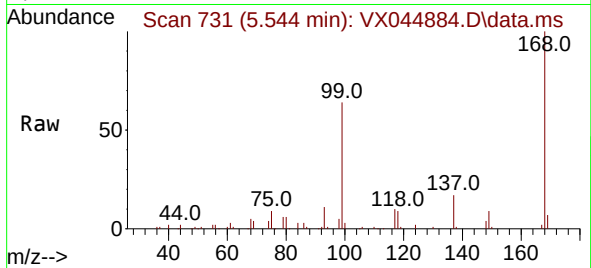




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

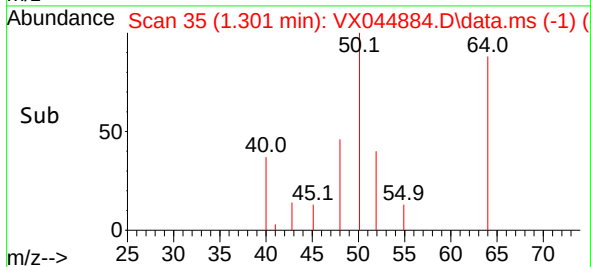
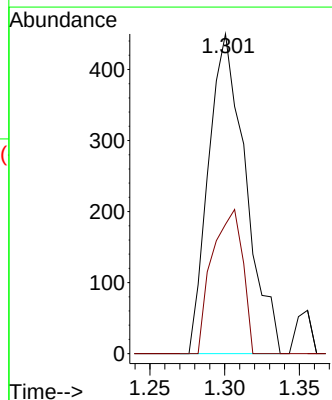
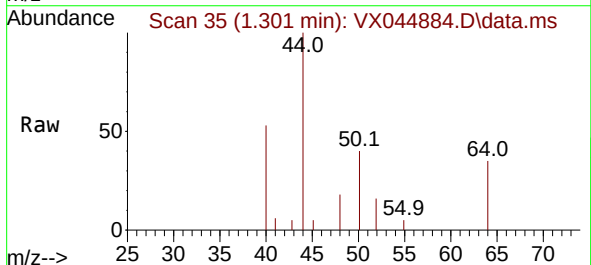
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-340-342

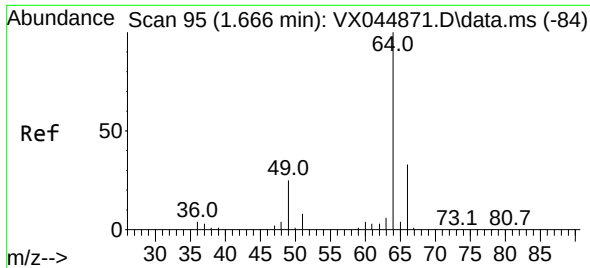
Tgt Ion:168 Resp: 96963
Ion Ratio Lower Upper
168 100
99 64.3 51.2 76.8



#3
Chloromethane
Concen: 0.470 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Tgt Ion: 50 Resp: 778
Ion Ratio Lower Upper
50 100
52 40.4 25.9 38.9#

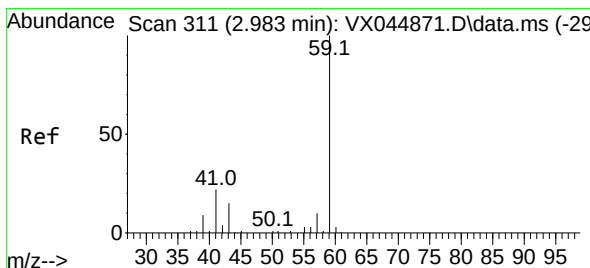
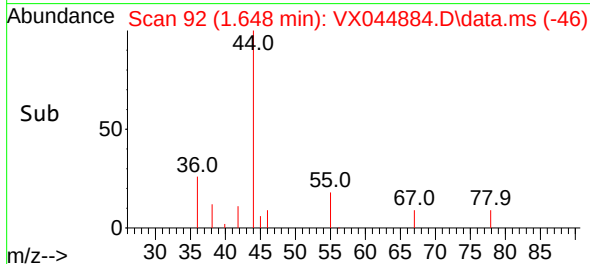
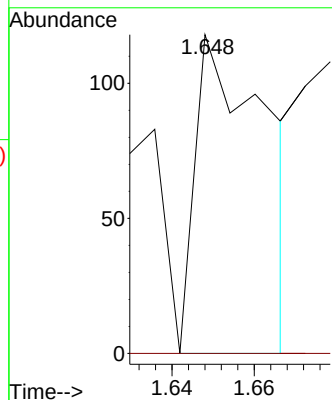
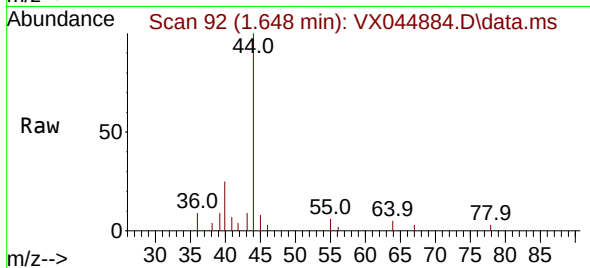




#6
Chloroethane
Concen: 1.524 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

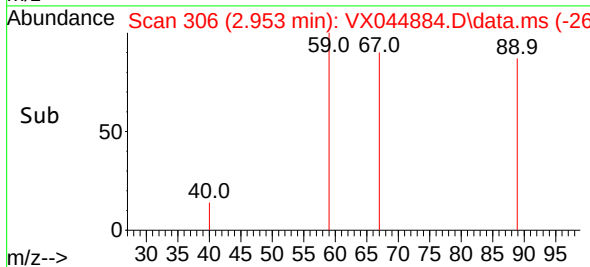
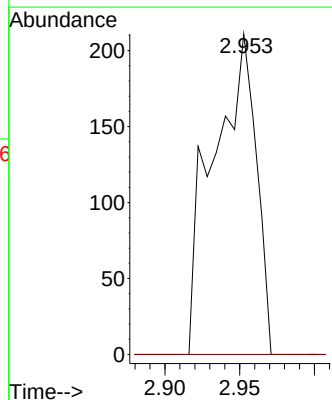
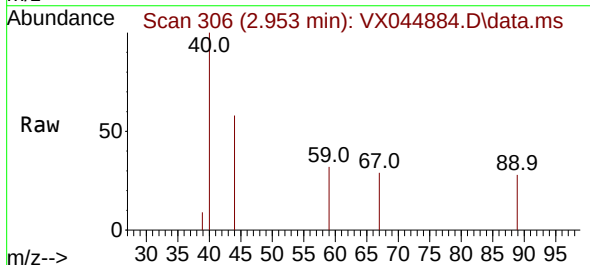
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-340-342

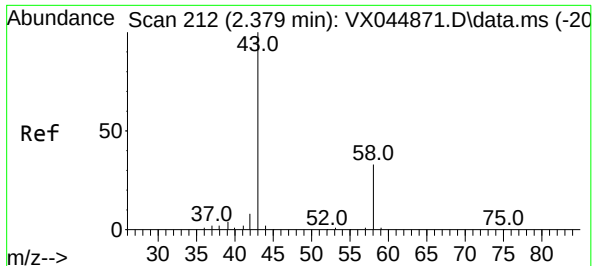
Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 1.599 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Tgt Ion: 59 Resp: 421
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

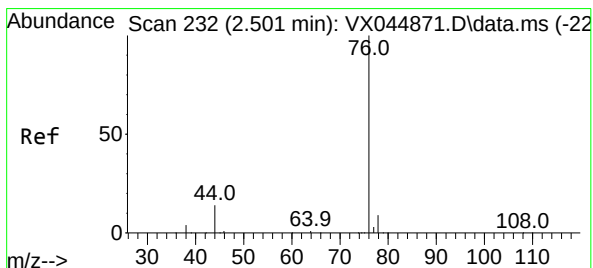
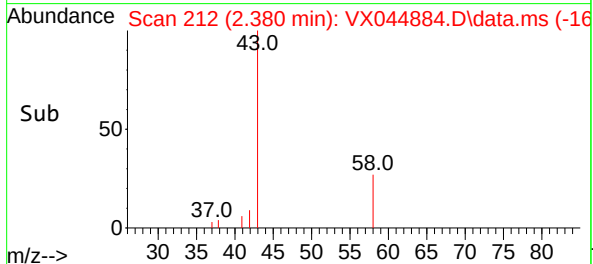
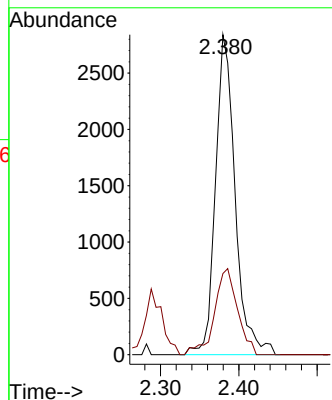
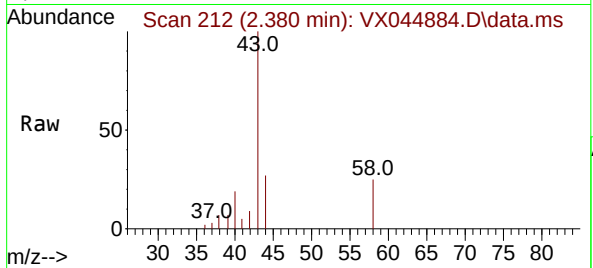




#16
Acetone
Concen: 8.705 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

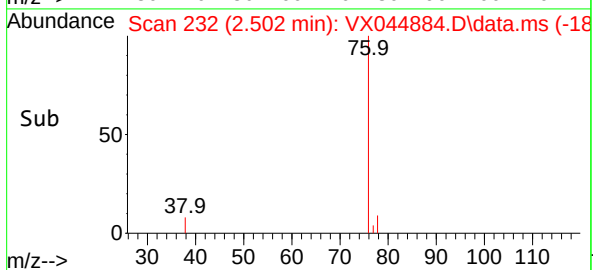
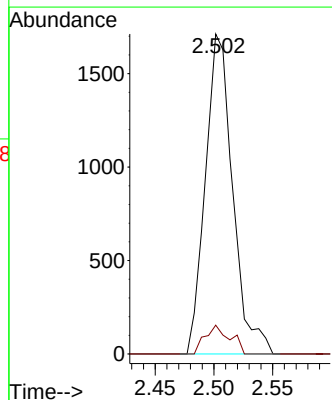
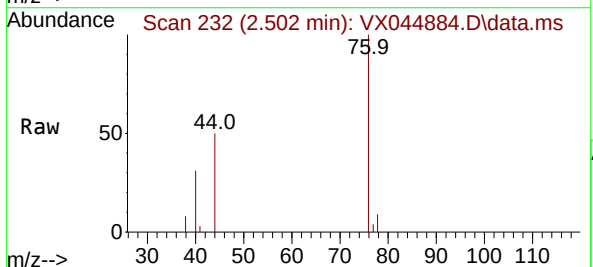
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-340-342

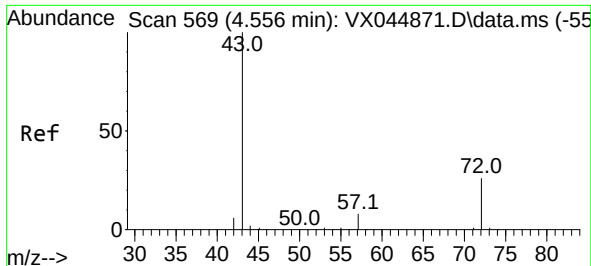
Tgt Ion: 43 Resp: 4967
Ion Ratio Lower Upper
43 100
58 25.3 26.5 39.7#



#17
Carbon Disulfide
Concen: 0.810 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Tgt Ion: 76 Resp: 2776
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

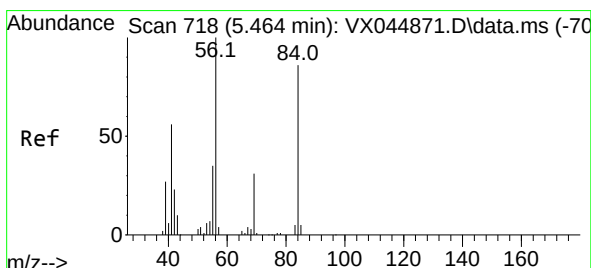
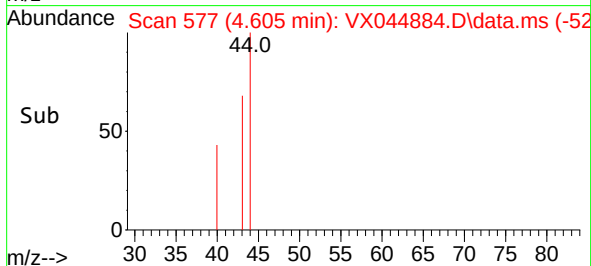
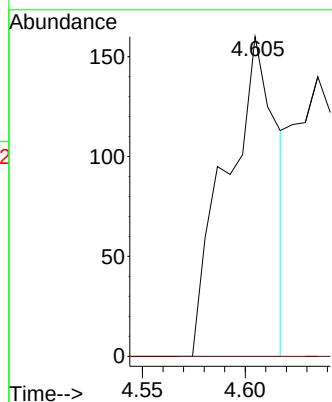
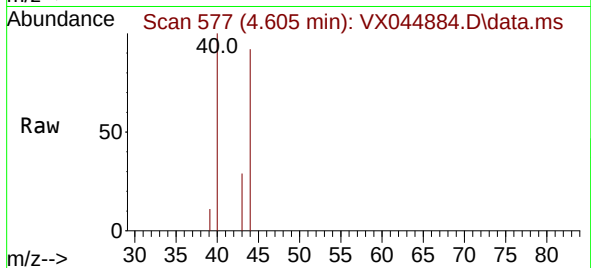




#25
2-Butanone
Concen: 0.294 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

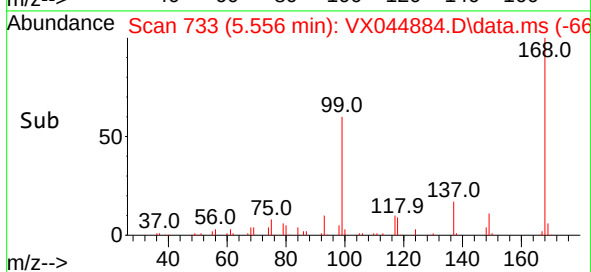
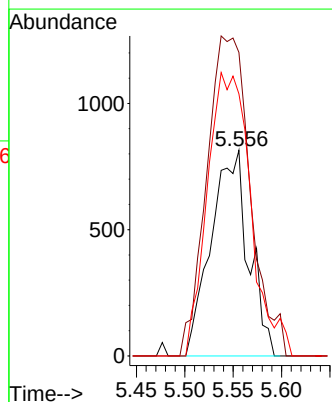
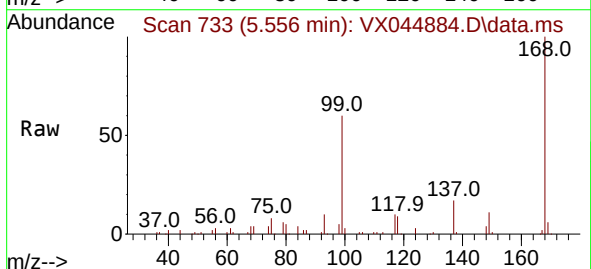
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-340-342

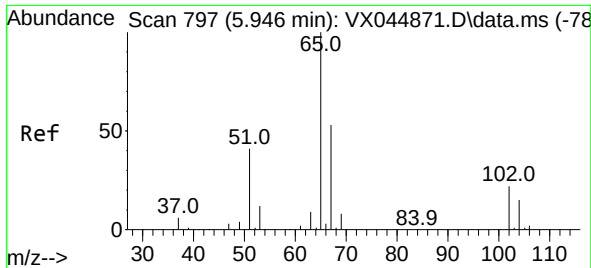
Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Tgt Ion: 56 Resp: 2196
Ion Ratio Lower Upper
56 100
69 147.7 24.4 36.6#
84 127.5 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 52.276 ug/l

RT: 5.952 min Scan# 74

Delta R.T. 0.006 min

Lab File: VX044884.D

Acq: 10 Feb 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

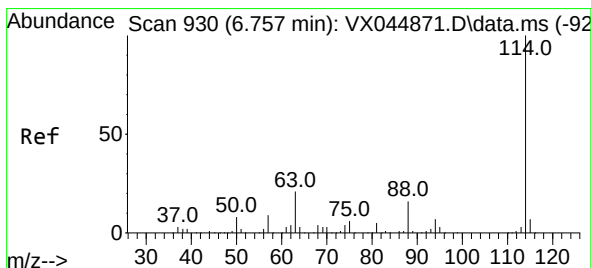
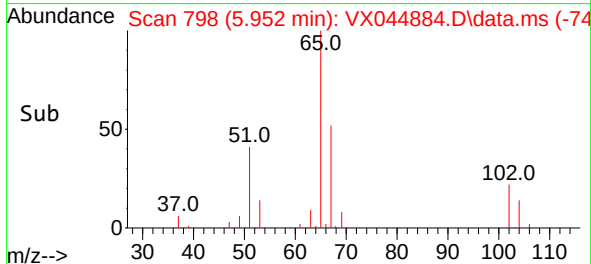
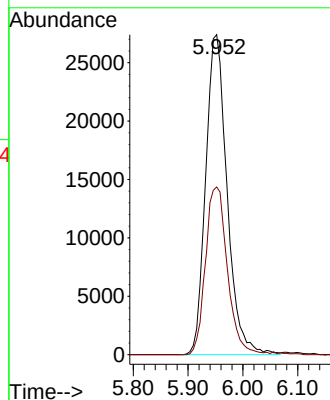
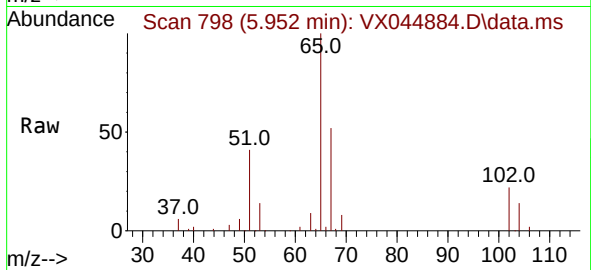
BP-VPB-192-GW-340-342

Tgt Ion: 65 Resp: 74198

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044884.D

Acq: 10 Feb 2025 16:51

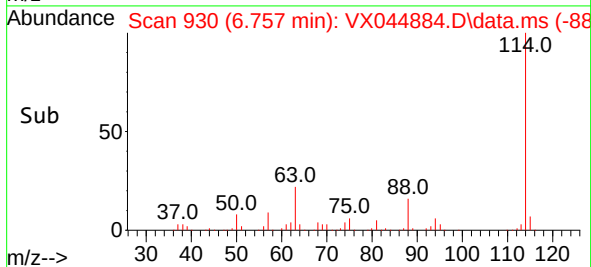
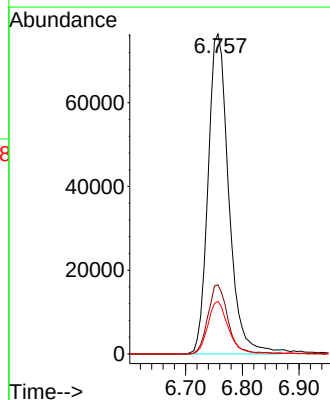
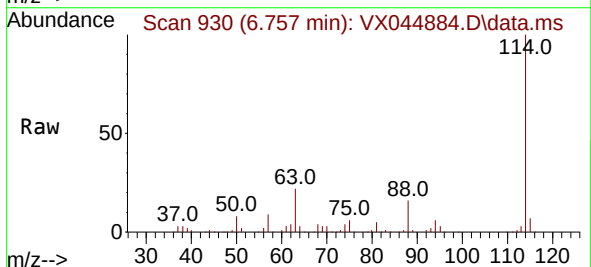
Tgt Ion: 114 Resp: 193723

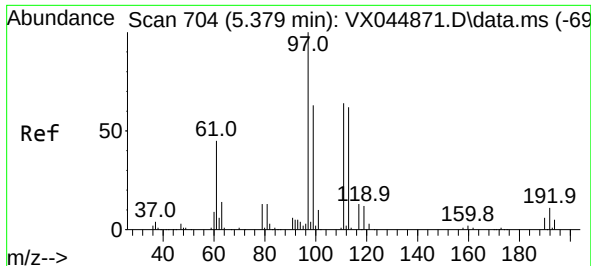
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 16.4 0.0 31.4

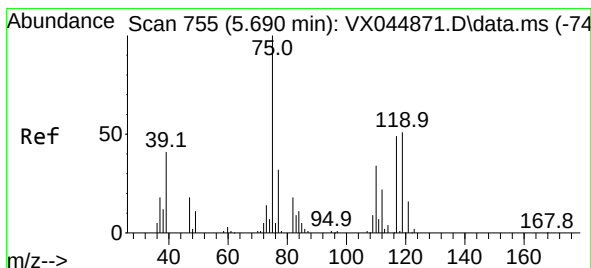
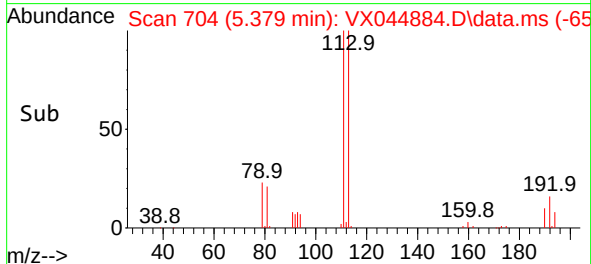
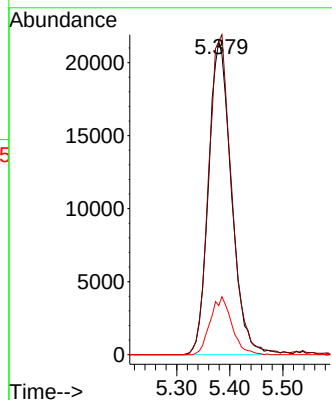
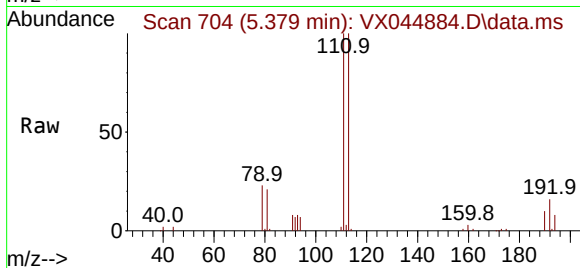




#35
Dibromofluoromethane
Concen: 51.094 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

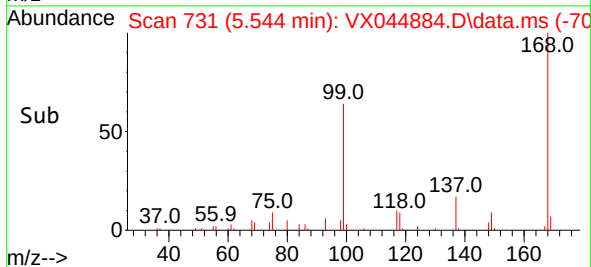
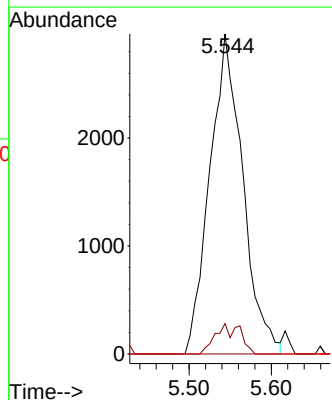
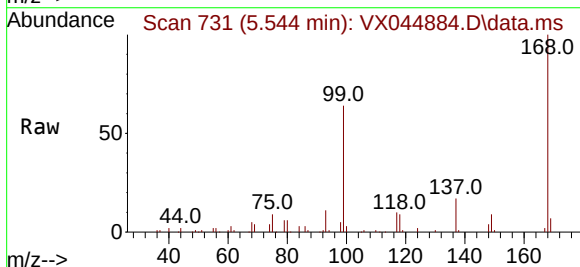
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BP-VPB-192-GW-340-342

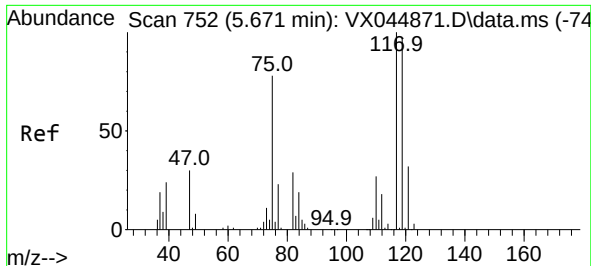
Tgt Ion:113 Resp: 64354
Ion Ratio Lower Upper
113 100
111 102.1 83.5 125.3
192 17.4 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.548 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

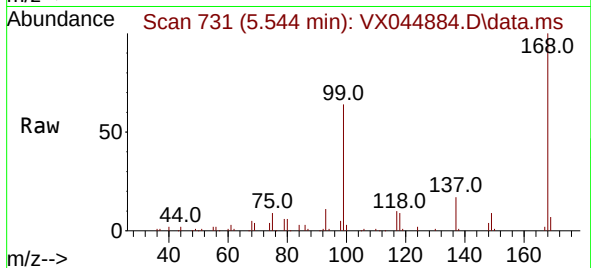
Tgt Ion: 75 Resp: 8265
Ion Ratio Lower Upper
75 100
110 4.3 17.2 51.6#
77 0.0 24.6 37.0#



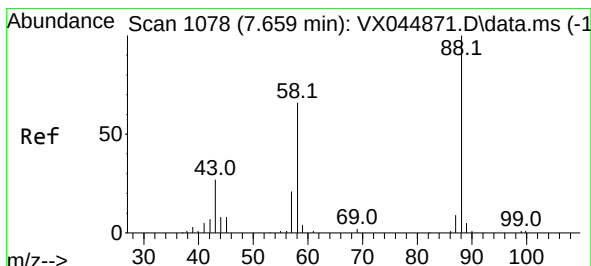
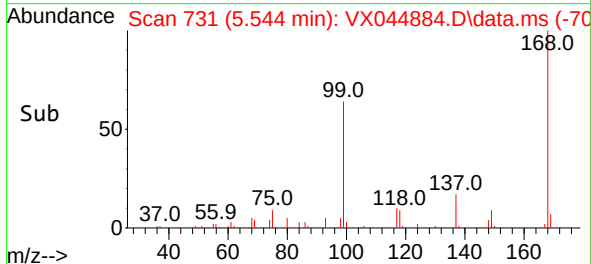
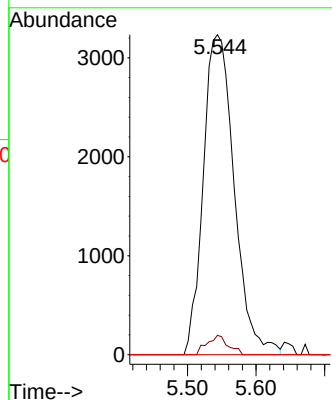


#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-340-342

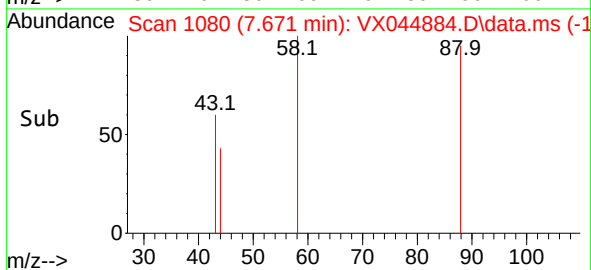
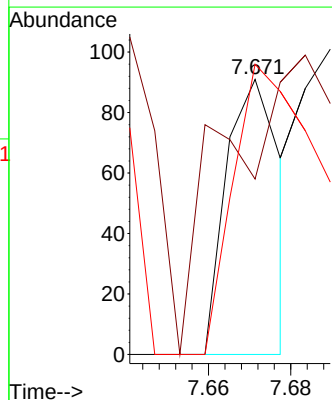
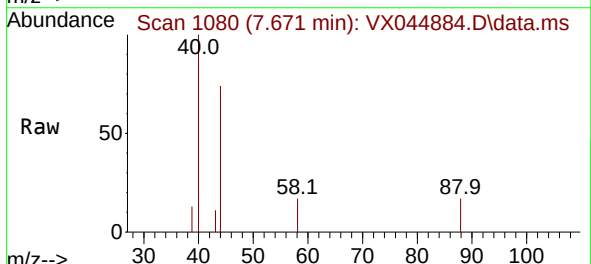


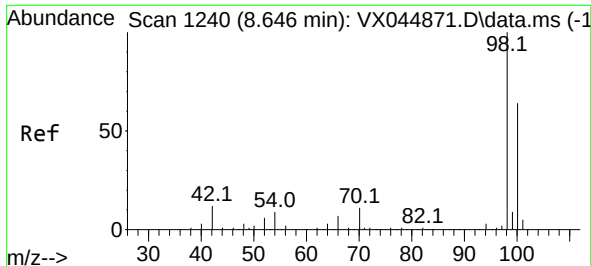
Tgt Ion:117 Resp: 10158
Ion Ratio Lower Upper
117 100
119 6.1 77.5 116.3#
121 0.0 25.6 38.4#



#49
1,4-Dioxane
Concen: 2.514 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 286.7 26.6 39.8#
58 161.4 55.9 83.9#

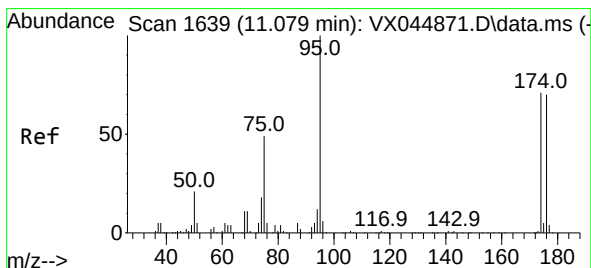
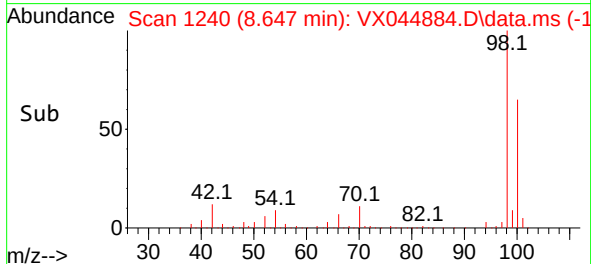
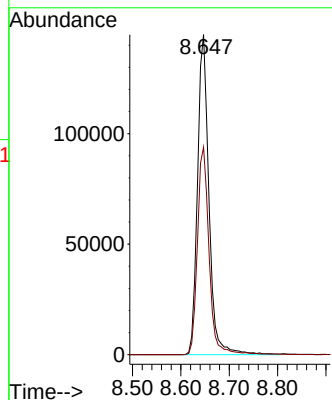
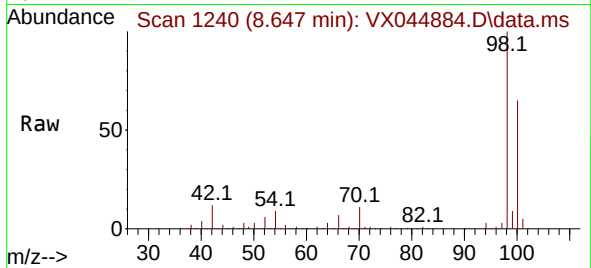




#50
Toluene-d8
Concen: 49.719 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

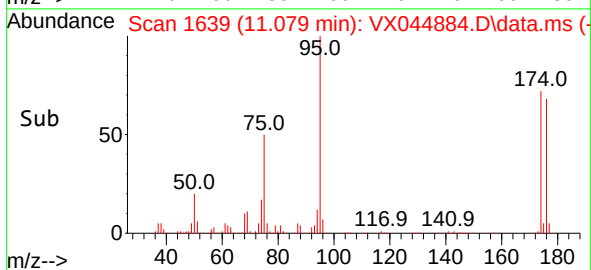
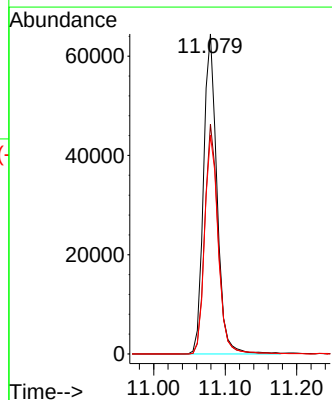
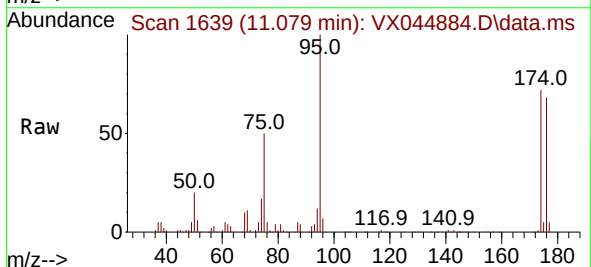
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-340-342

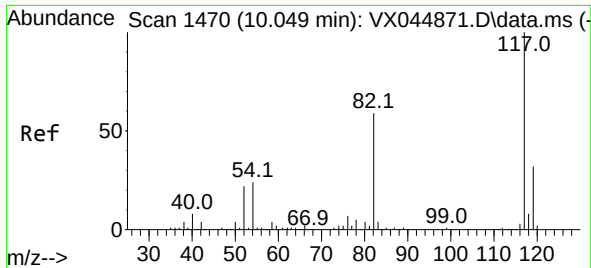
Tgt Ion: 98 Resp: 236798
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.350 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Tgt Ion: 95 Resp: 84055
Ion Ratio Lower Upper
95 100
174 71.7 0.0 142.6
176 69.5 0.0 141.6

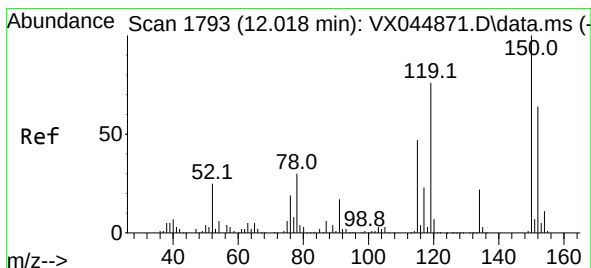
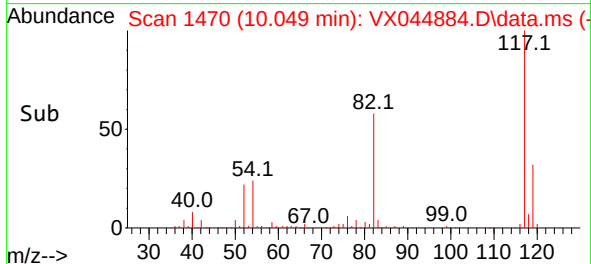
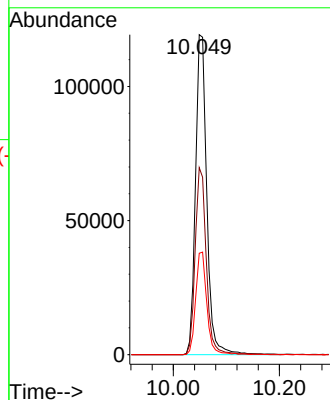
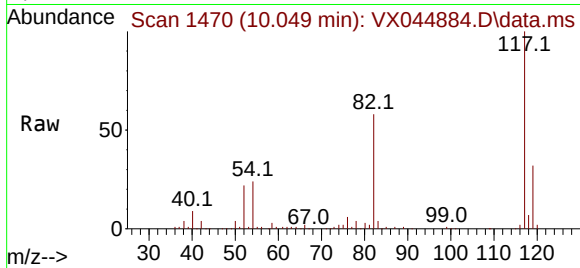




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

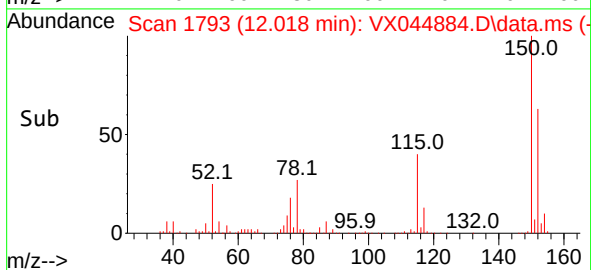
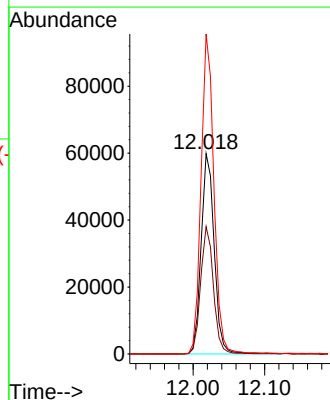
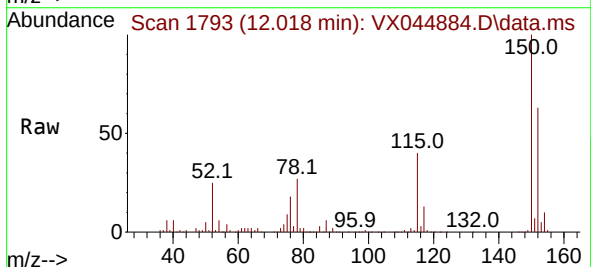
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-340-342

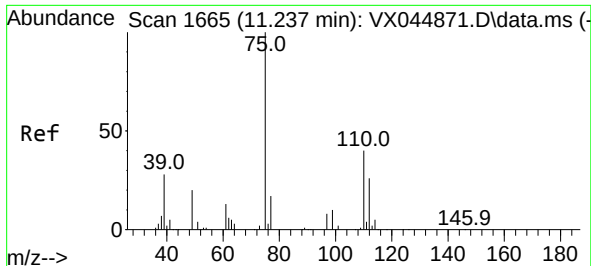
Tgt Ion:117 Resp: 175745
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Tgt Ion:152 Resp: 75903
Ion Ratio Lower Upper
152 100
115 62.3 43.4 130.1
150 157.4 0.0 350.4

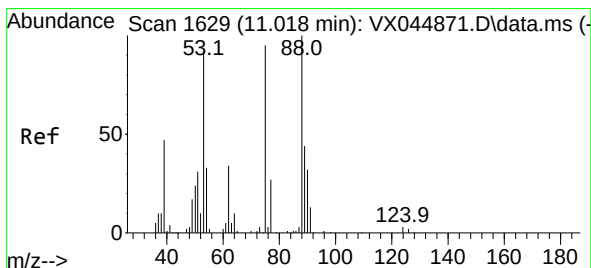
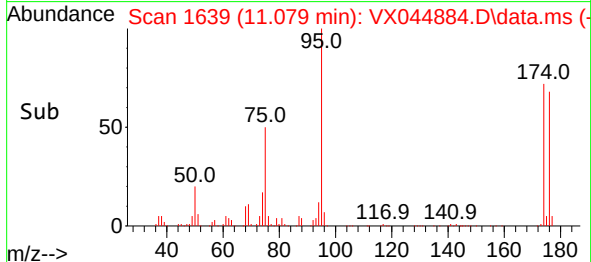
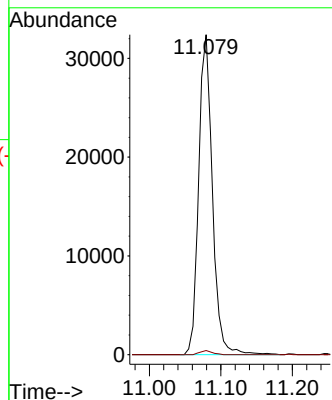
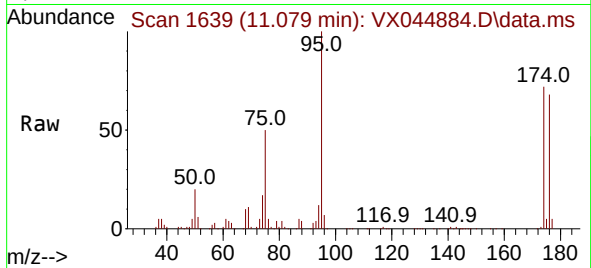




#76
1,2,3-Trichloropropane
Concen: 25.654 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-340-342

Tgt Ion: 75 Resp: 43172
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044884.D
Acq: 10 Feb 2025 16:51

Tgt Ion: 75 Resp: 43172
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

