

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022525\
 Data File : VX045035.D
 Acq On : 25 Feb 2025 13:44
 Operator : JC/MD
 Sample : Q1401-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-TB-20250217

Quant Time: Feb 26 03:15:51 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)

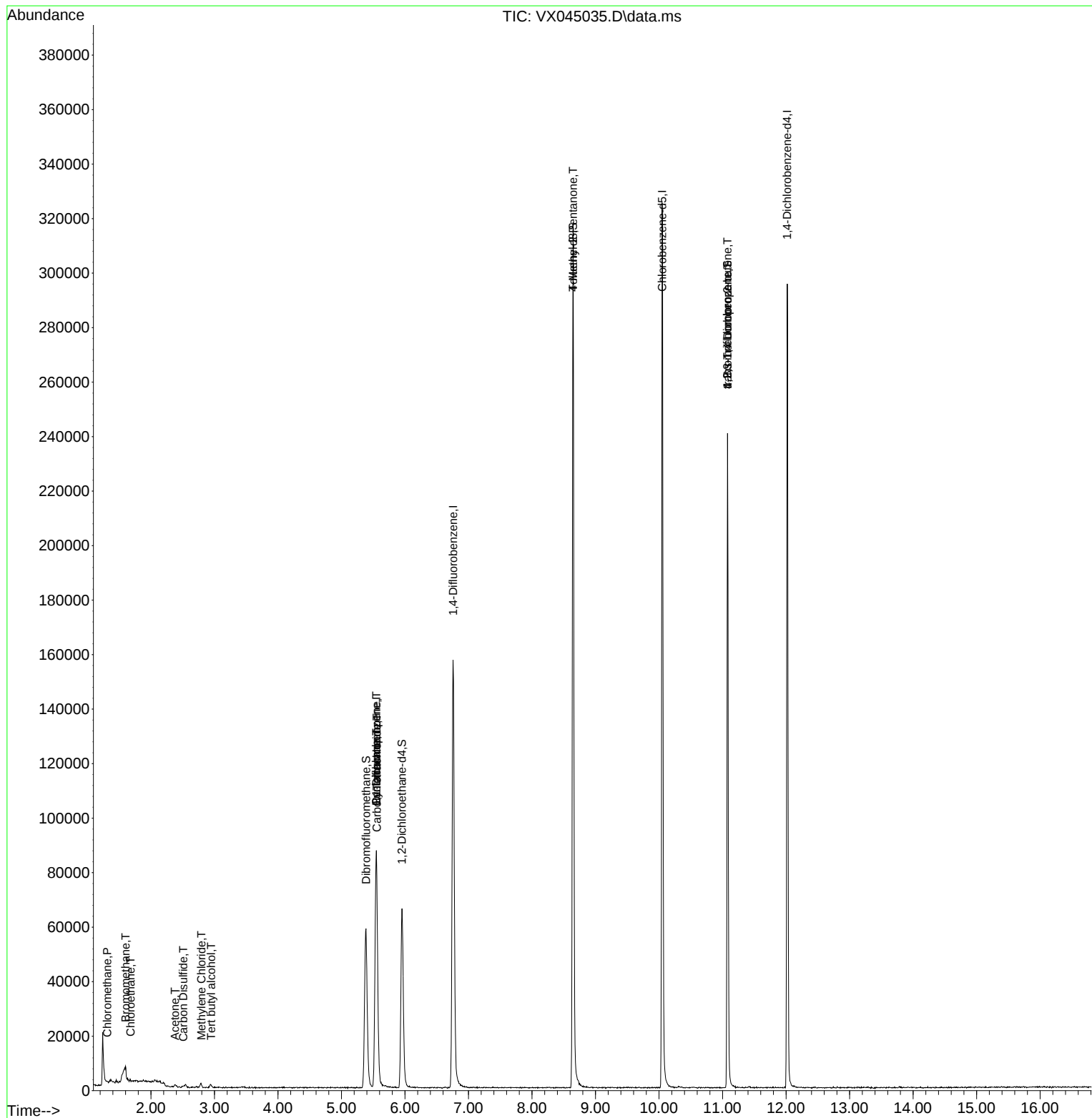
Internal Standards						
1) Pentafluorobenzene	5.550	168	80365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61600	52.363	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.720%			
35) Dibromofluoromethane	5.385	113	50460	47.854	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.700%			
50) Toluene-d8	8.647	98	186526	46.780	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.560%			
62) 4-Bromofluorobenzene	11.079	95	63053	46.907	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.820%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	732	0.534	ug/l #	79
5) Bromomethane	1.599	94	117	0.294	ug/l	90
6) Chloroethane	1.678	64	193	1.641	ug/l #	42
11) Tert butyl alcohol	2.946	59	441	2.021	ug/l #	73
16) Acetone	2.380	43	1123	2.375	ug/l	89
17) Carbon Disulfide	2.508	76	592	0.208	ug/l #	76
20) Methylene Chloride	2.794	84	607	0.524	ug/l #	86
31) Cyclohexane	5.550	56	1850	1.013	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7274	4.781	ug/l #	49
38) Carbon Tetrachloride	5.556	117	8754	5.872	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	950	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33439	24.863	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33439	63.956	ug/l #	11

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

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BP-VPB-192-TB-20250217

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

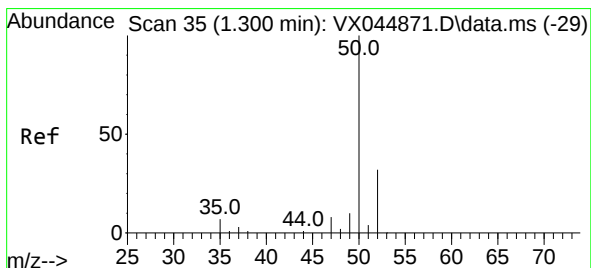
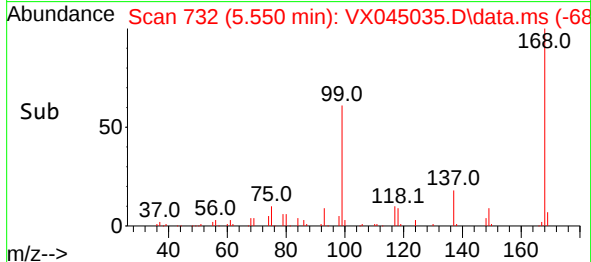
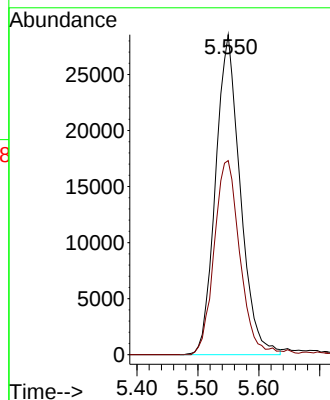
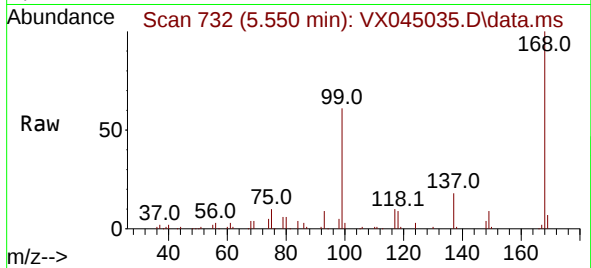




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

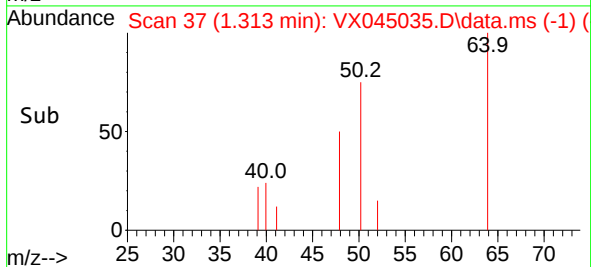
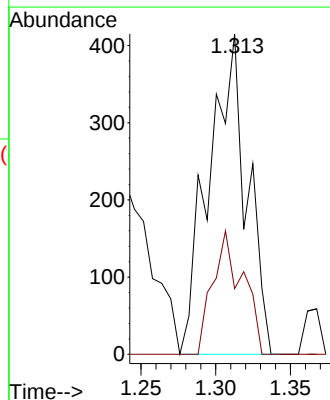
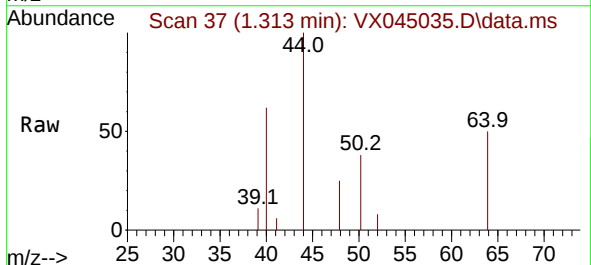
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MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250217

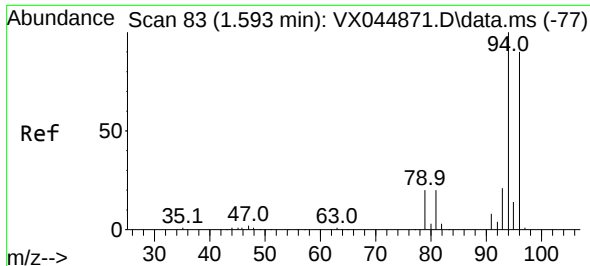
Tgt Ion:168 Resp: 80365
Ion Ratio Lower Upper
168 100
99 60.6 51.2 76.8



#3
Chloromethane
Concen: 0.534 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

Tgt Ion: 50 Resp: 732
Ion Ratio Lower Upper
50 100
52 20.5 25.9 38.9#

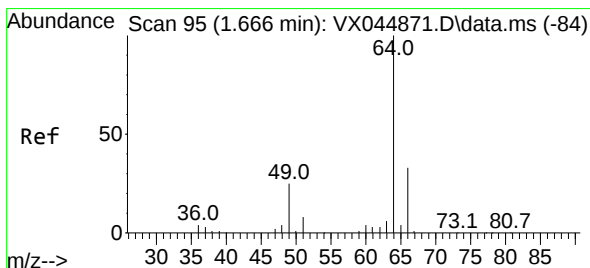
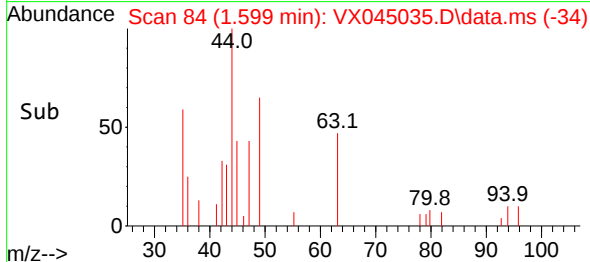
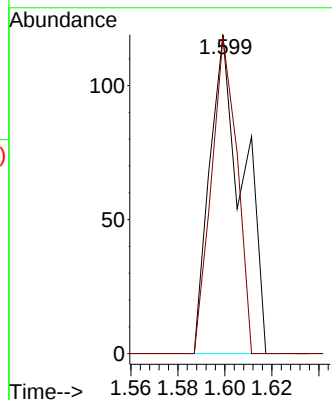
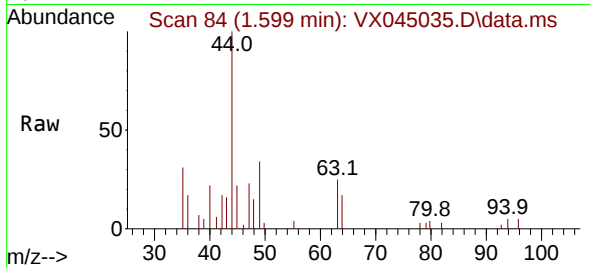




#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

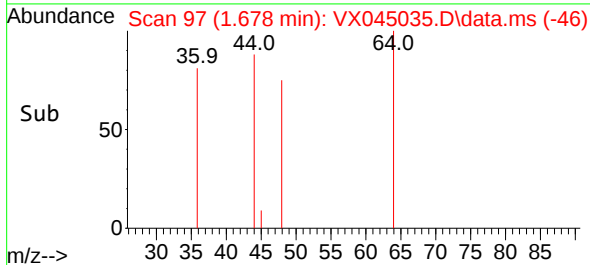
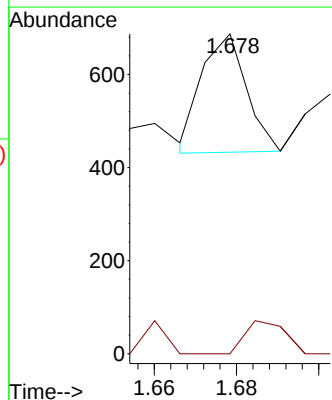
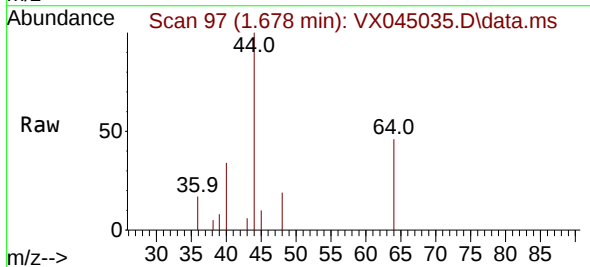
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250217

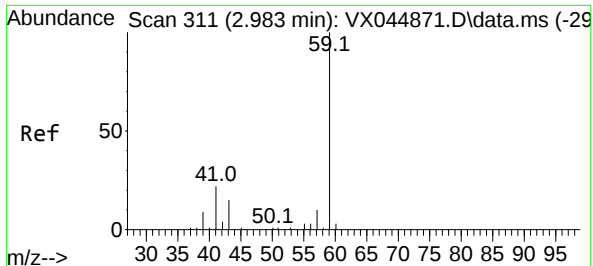
Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 99.2 71.6 107.4



#6
Chloroethane
Concen: 1.641 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

Tgt Ion: 64 Resp: 193
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

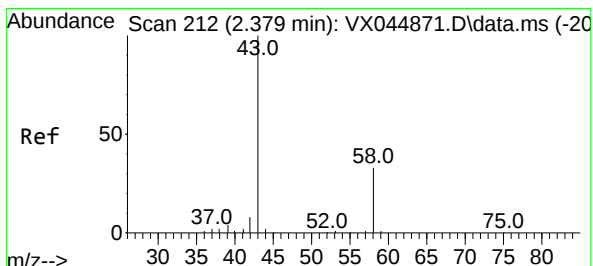
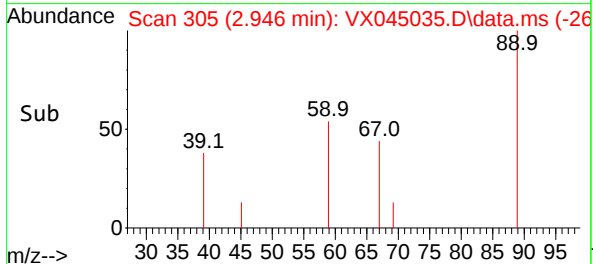
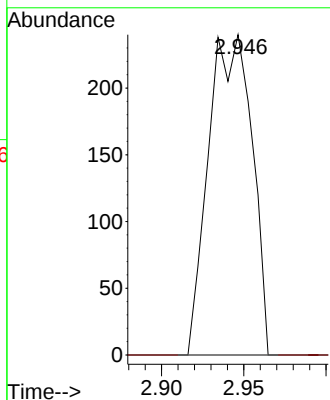
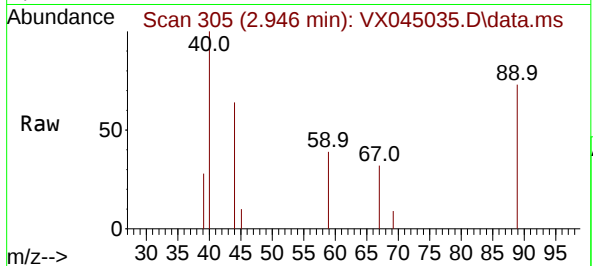




#11
Tert butyl alcohol
Concen: 2.021 ug/l
RT: 2.946 min Scan# 30
Delta R.T. -0.036 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

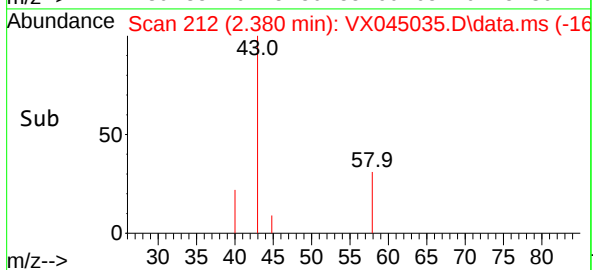
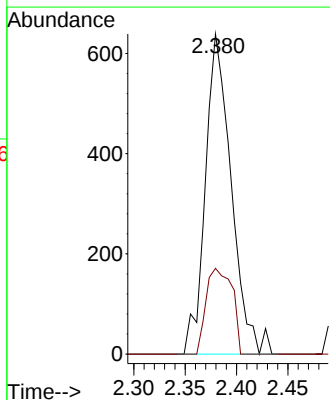
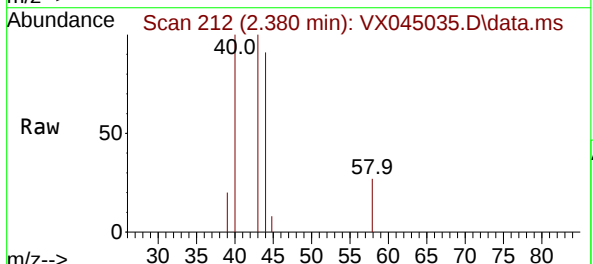
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250217

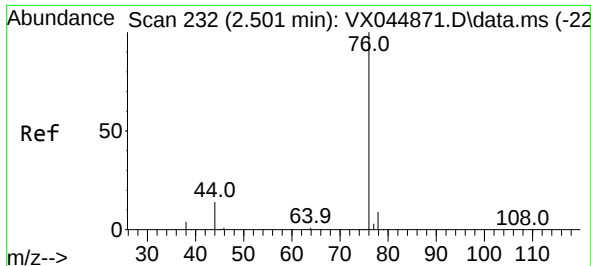
Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 2.375 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 26.8 26.5 39.7





#17

Carbon Disulfide

Concen: 0.208 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX045035.D

Acq: 25 Feb 2025 13:44

Instrument :

MSVOA_X

ClientSampleId :

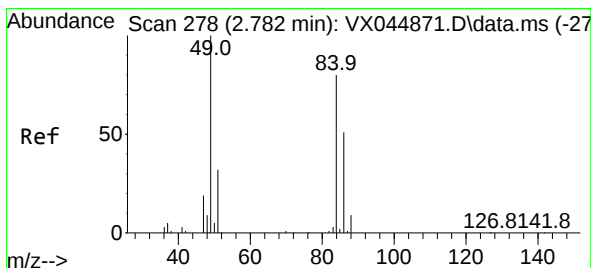
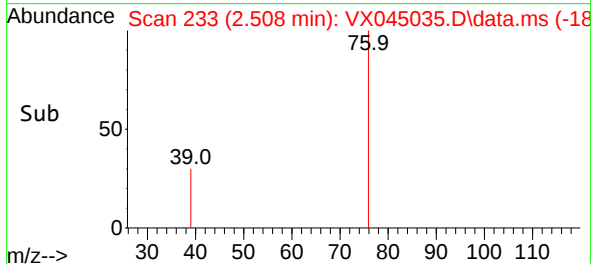
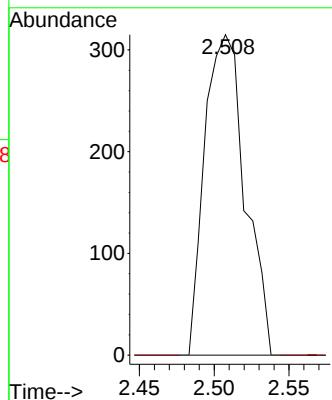
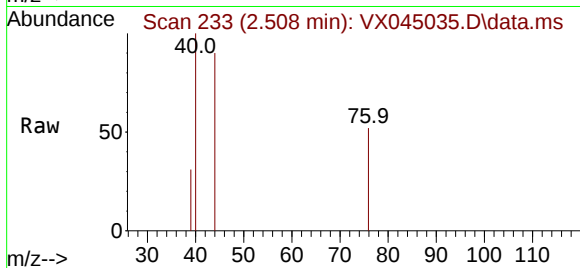
BP-VPB-192-TB-20250217

Tgt Ion: 76 Resp: 592

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#20

Methylene Chloride

Concen: 0.524 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.012 min

Lab File: VX045035.D

Acq: 25 Feb 2025 13:44

Tgt Ion: 84 Resp: 607

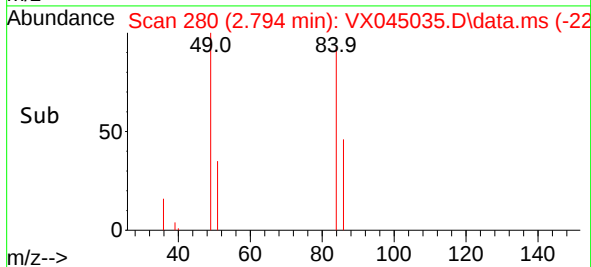
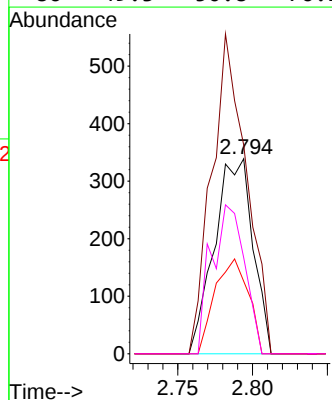
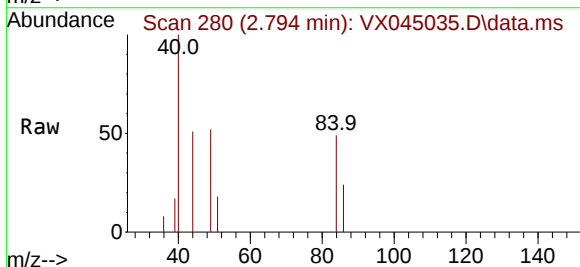
Ion Ratio Lower Upper

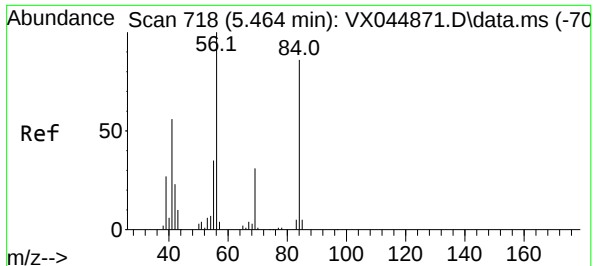
84 100

49 107.1 100.1 150.1

51 37.2 31.7 47.5

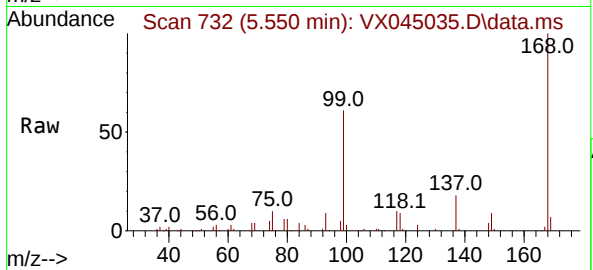
86 49.3 50.8 76.2#



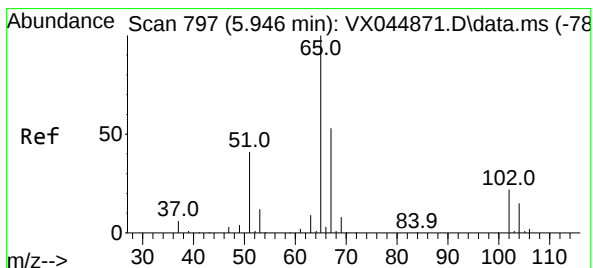
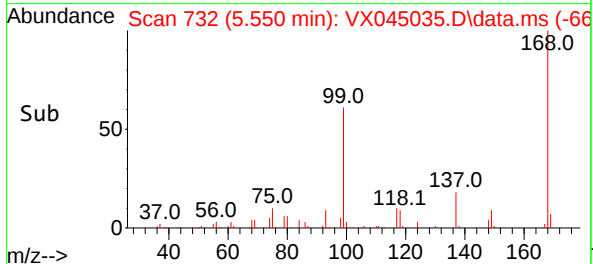
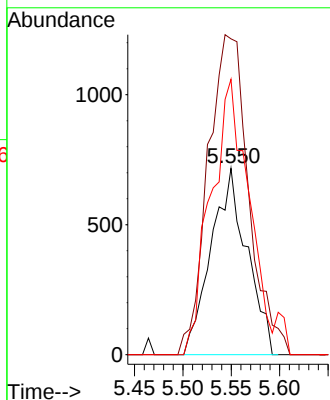


#31
Cyclohexane
Concen: 1.013 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250217

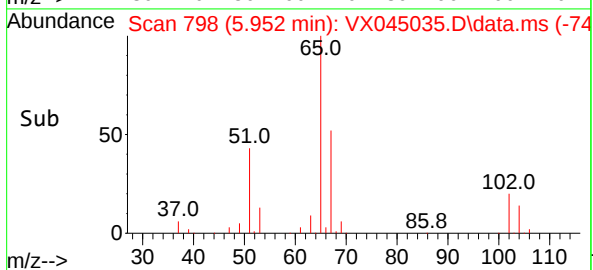
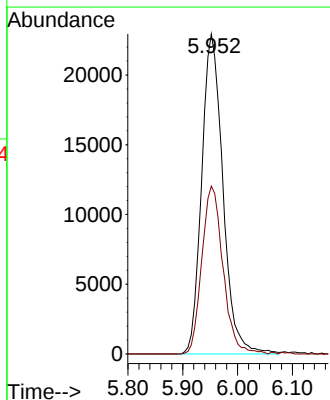
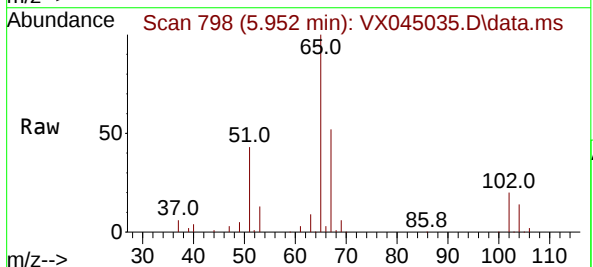


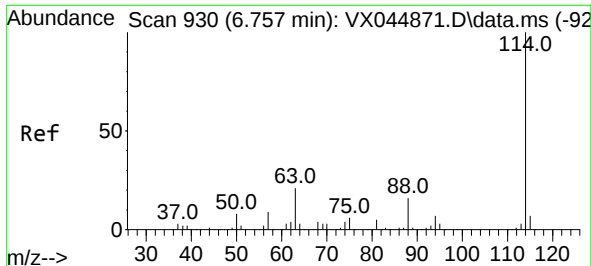
Tgt Ion: 56 Resp: 1850
Ion Ratio Lower Upper
56 100
69 169.5 24.4 36.6#
84 147.7 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 52.363 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

Tgt Ion: 65 Resp: 61600
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.2

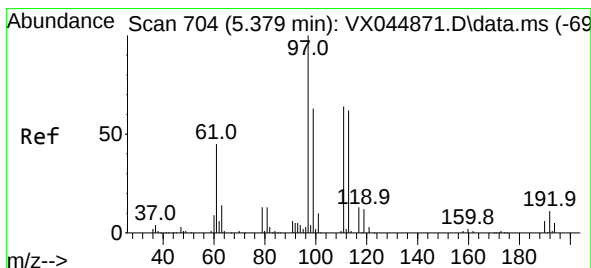
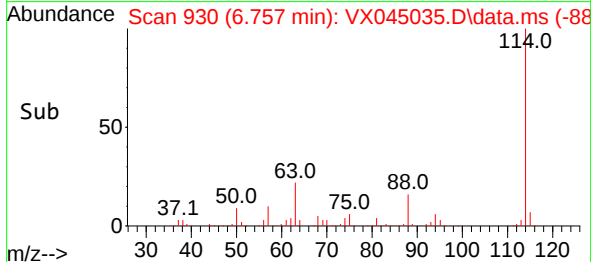
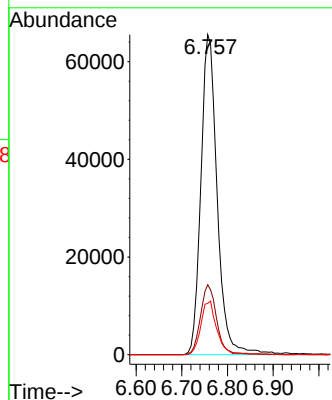
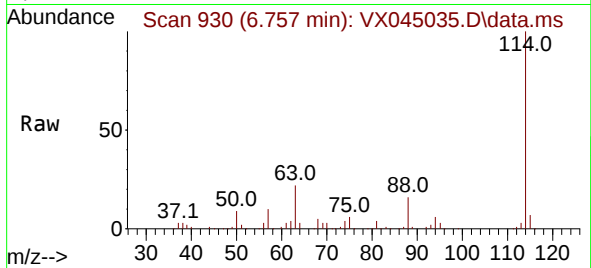




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

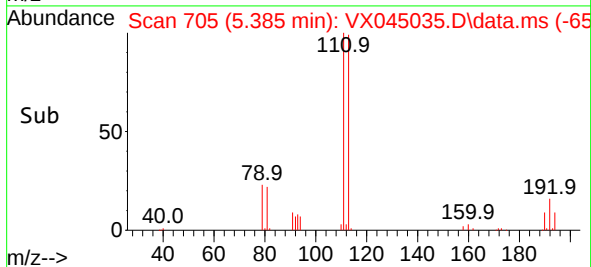
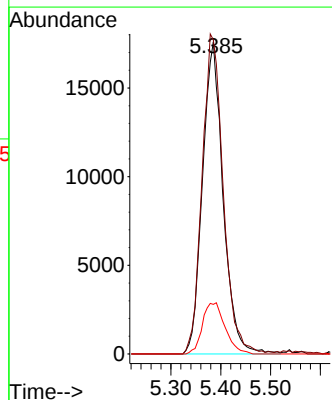
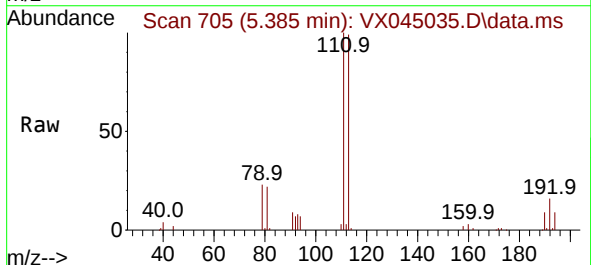
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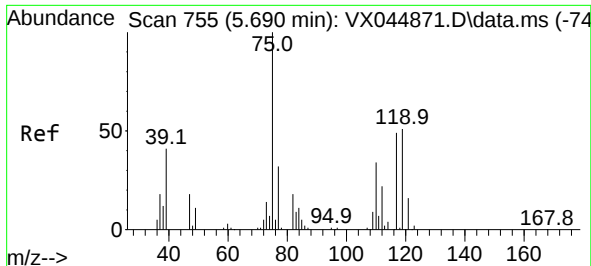
Tgt Ion:114 Resp: 162183
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 47.854 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

Tgt Ion:113 Resp: 50460
Ion Ratio Lower Upper
113 100
111 105.0 83.5 125.3
192 18.0 14.4 21.6

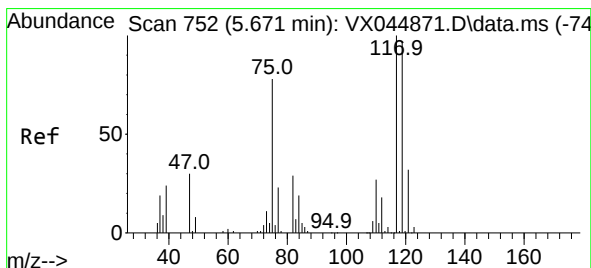
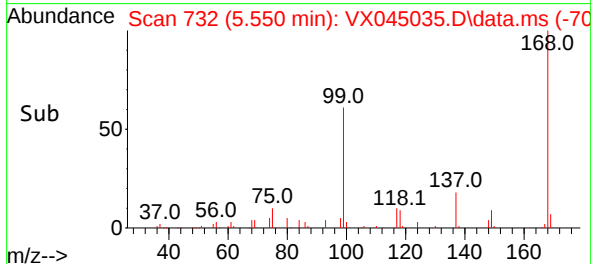
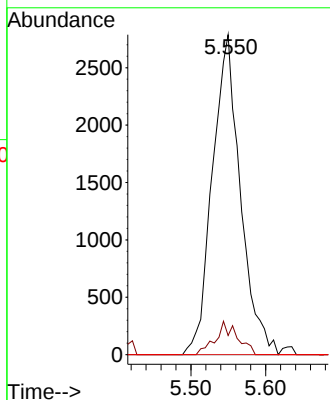
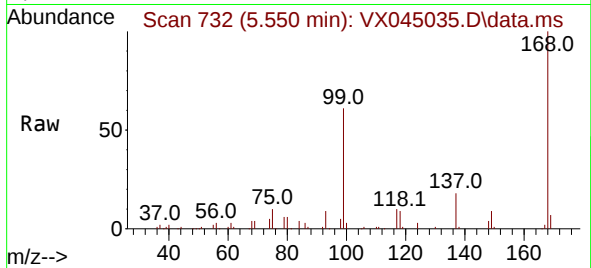




#36
1,1-Dichloropropene
Concen: 4.781 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

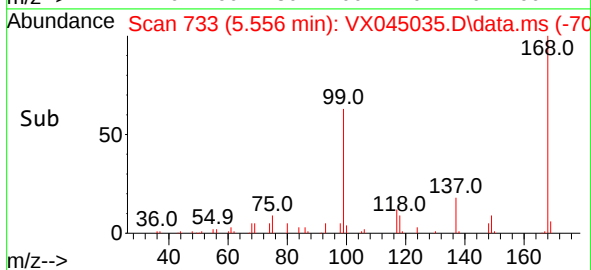
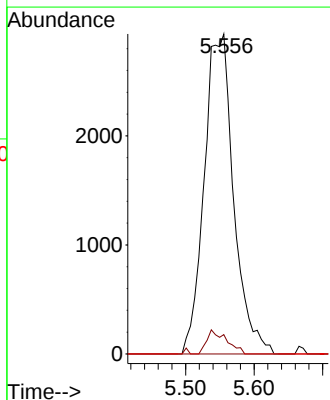
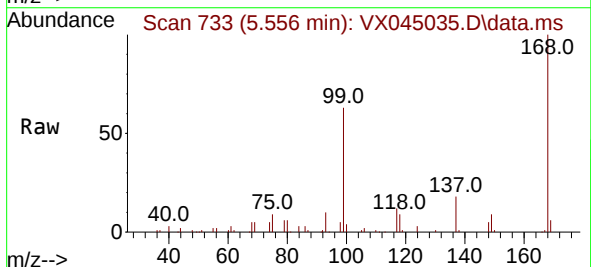
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250217

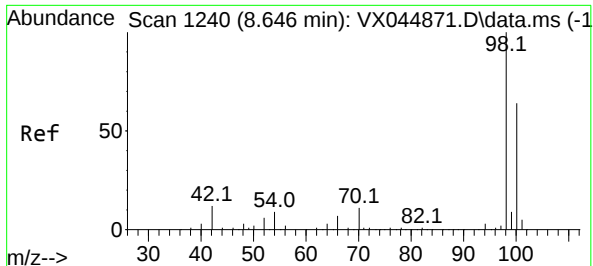
Tgt Ion: 75 Resp: 7274
Ion Ratio Lower Upper
75 100
110 8.1 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

Tgt Ion: 117 Resp: 8754
Ion Ratio Lower Upper
117 100
119 6.0 77.5 116.3#
121 0.0 25.6 38.4#

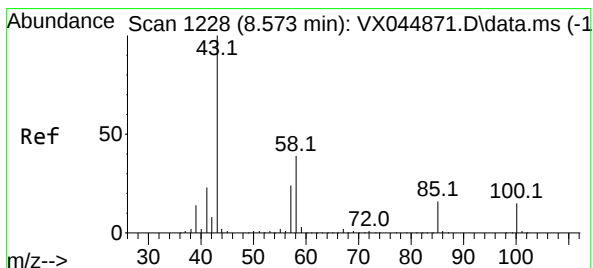
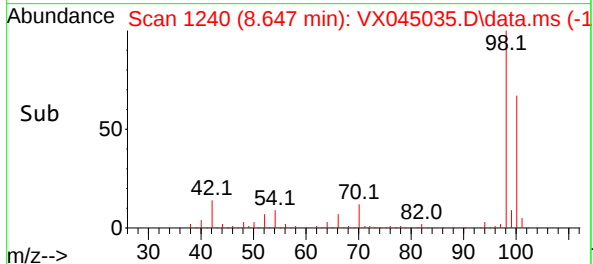
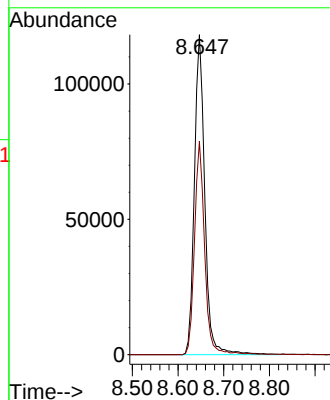
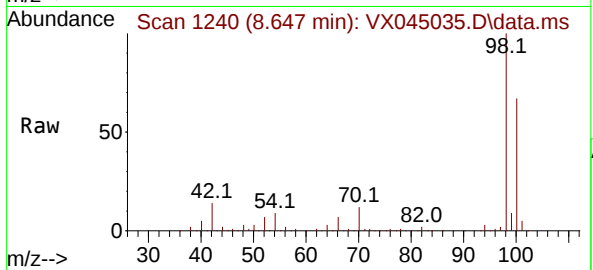




#50
Toluene-d8
Concen: 46.780 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

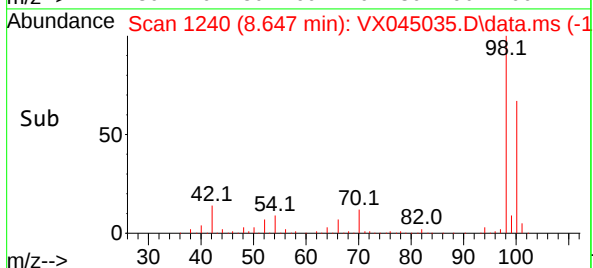
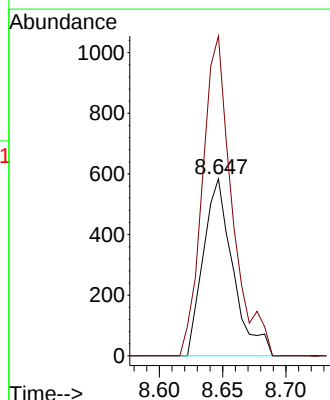
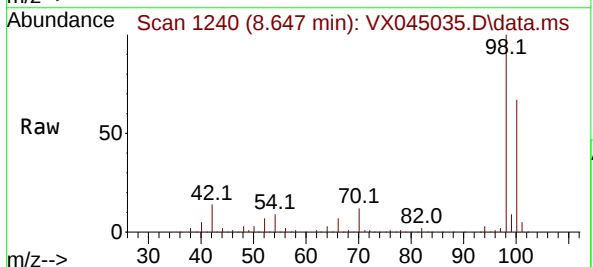
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250217

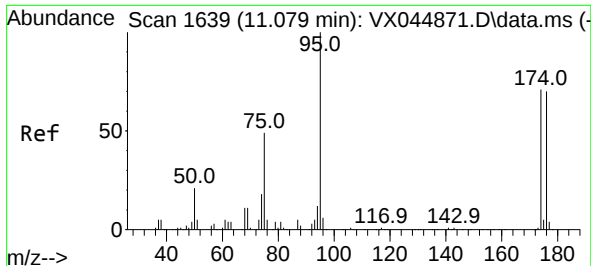
Tgt Ion: 98 Resp: 186526
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045035.D
Acq: 25 Feb 2025 13:44

Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
58 180.8 30.8 46.2#





#62

4-Bromofluorobenzene

Concen: 46.907 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045035.D

Acq: 25 Feb 2025 13:44

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-TB-20250217

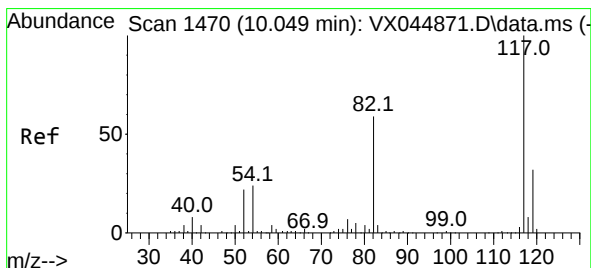
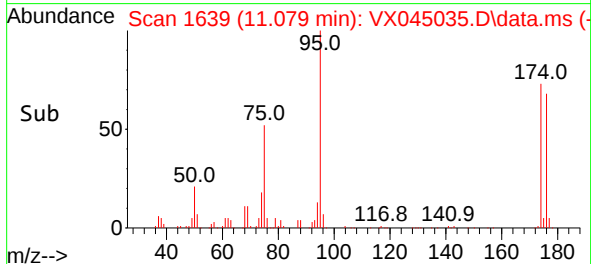
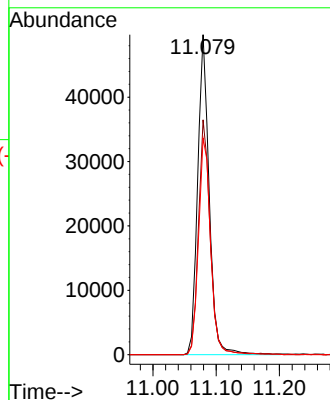
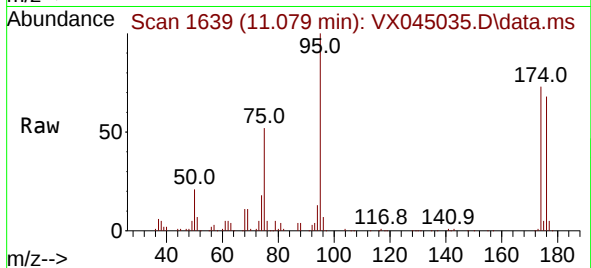
Tgt Ion: 95 Resp: 63053

Ion Ratio Lower Upper

95 100

174 74.4 0.0 142.6

176 71.2 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: VX045035.D

Acq: 25 Feb 2025 13:44

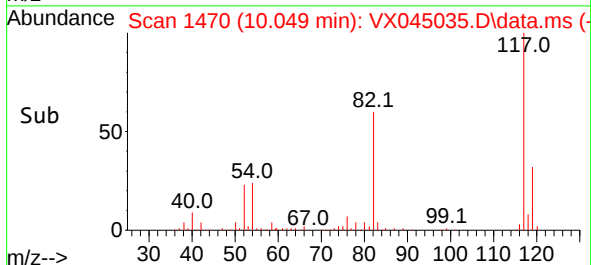
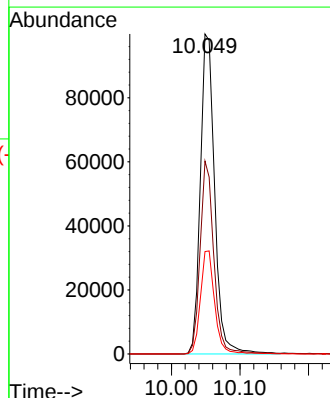
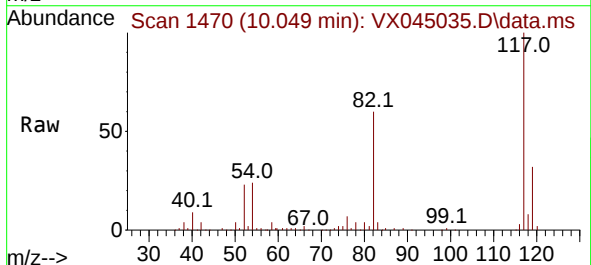
Tgt Ion: 117 Resp: 145520

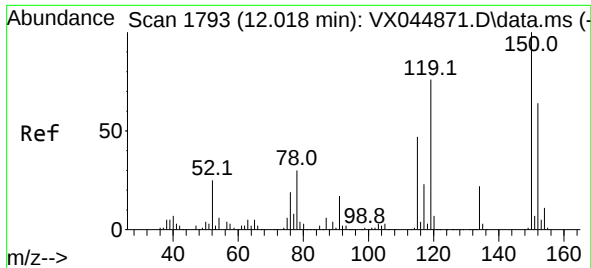
Ion Ratio Lower Upper

117 100

82 60.3 47.5 71.3

119 32.0 25.4 38.0

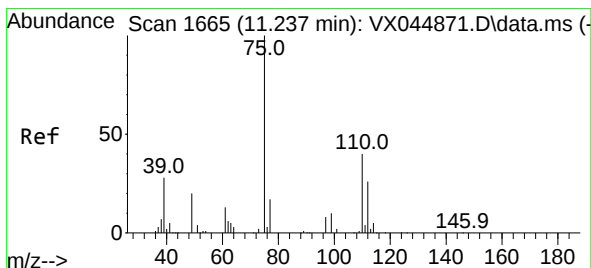
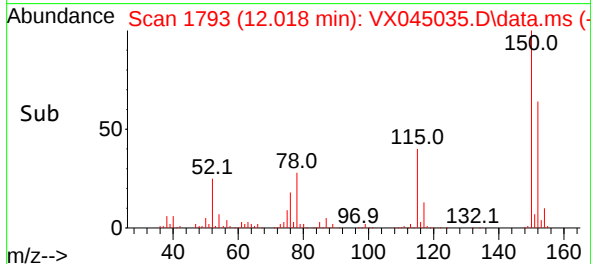
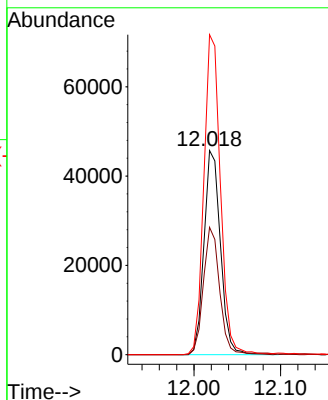
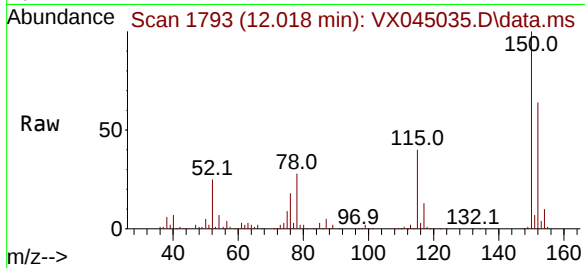




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045035.D
 Acq: 25 Feb 2025 13:44

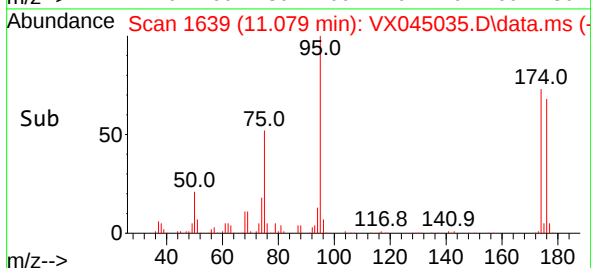
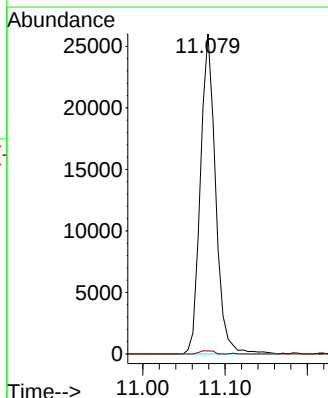
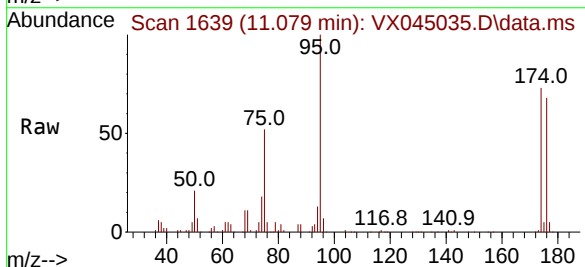
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-TB-20250217

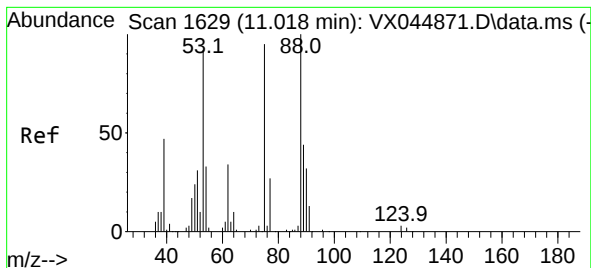
Tgt Ion:152 Resp: 60661
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.4 130.1
 150 156.9 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 24.863 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045035.D
 Acq: 25 Feb 2025 13:44

Tgt Ion: 75 Resp: 33439
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.9 65.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 63.956 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX045035.D

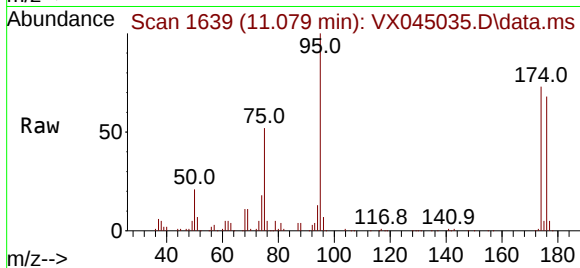
Acq: 25 Feb 2025 13:44

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-TB-20250217



Tgt Ion: 75 Resp: 33439

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.1 36.6 54.8#

