

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045084.D
 Acq On : 28 Feb 2025 13:23
 Operator : JC/MD
 Sample : Q1423-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-TB-20250220

Quant Time: Feb 28 14:37:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

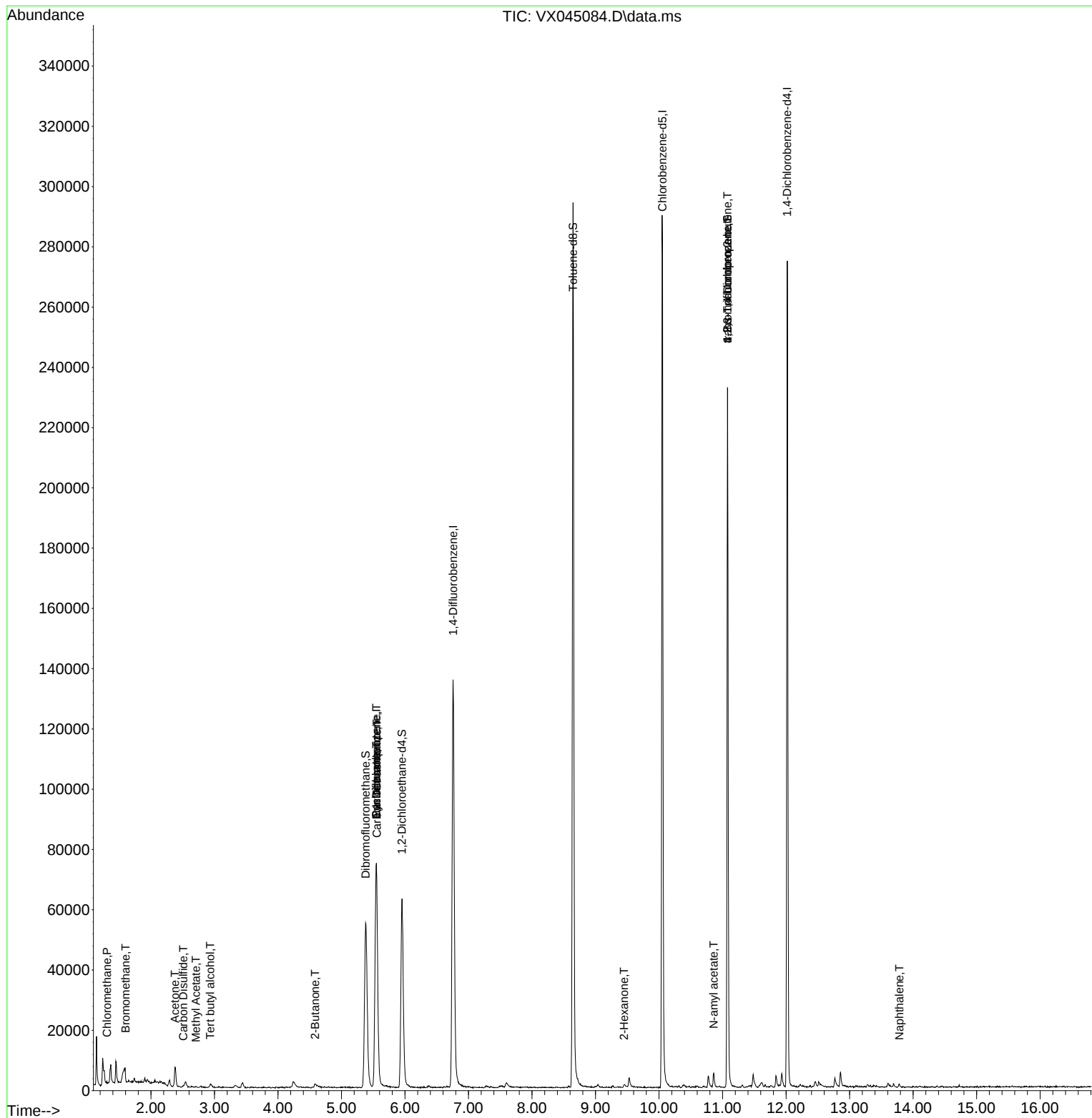
Internal Standards						
1) Pentafluorobenzene	5.550	168	70094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58186	52.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%			
35) Dibromofluoromethane	5.379	113	49417	53.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.160%			
50) Toluene-d8	8.647	98	175141	51.892	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.780%			
62) 4-Bromofluorobenzene	11.079	95	58482	52.290	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.580%			
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	235	0.218	ug/l #	78
5) Bromomethane	1.599	94	87	0.207	ug/l	81
11) Tert butyl alcohol	2.934	59	745	3.528	ug/l #	73
16) Acetone	2.380	43	7253	14.021	ug/l	95
17) Carbon Disulfide	2.508	76	778	0.339	ug/l #	77
18) Methyl Acetate	2.709	43	324	0.260	ug/l #	54
25) 2-Butanone	4.587	43	2621	3.366	ug/l	95
31) Cyclohexane	5.550	56	1862	1.227	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	6197	4.854	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7343	5.665	ug/l #	12
59) 2-Hexanone	9.451	43	1308	1.105	ug/l	73
74) N-amyl acetate	10.860	43	929	0.469	ug/l #	21
76) 1,2,3-Trichloropropane	11.079	75	31679	25.151	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31679	86.071	ug/l #	6
95) Naphthalene	13.786	128	1014	0.260	ug/l #	83

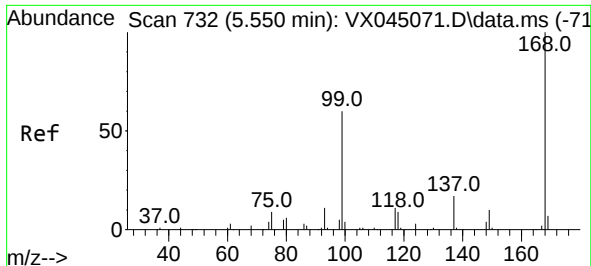
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

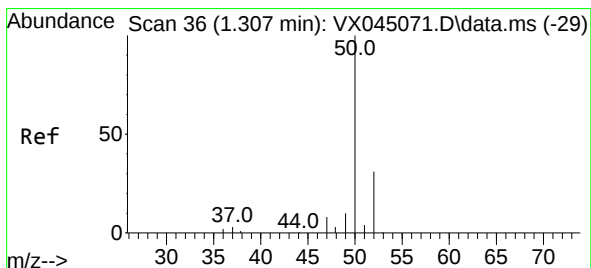
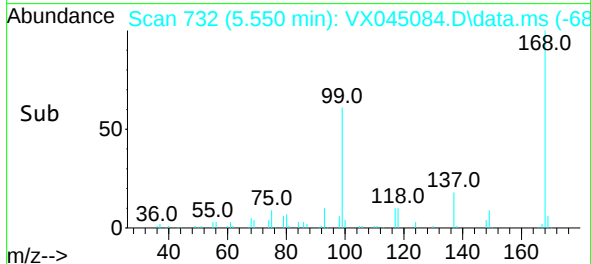
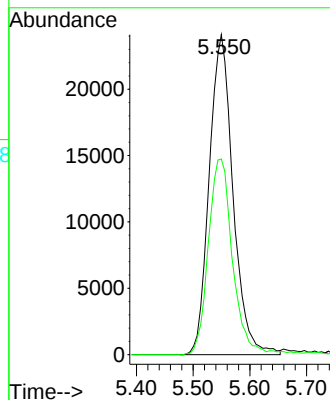
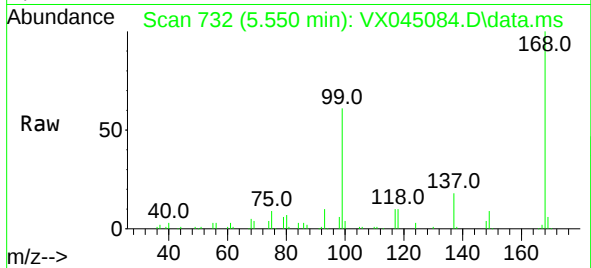




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

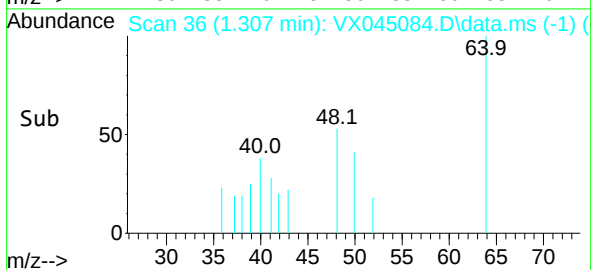
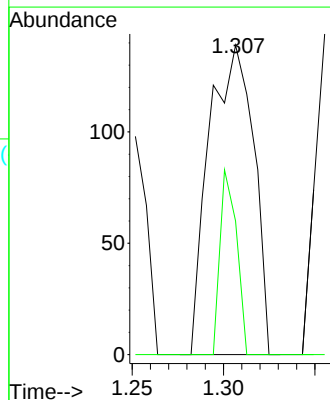
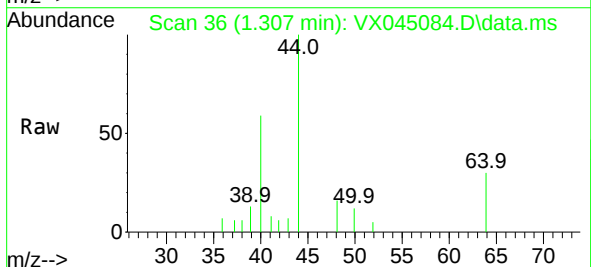
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250220

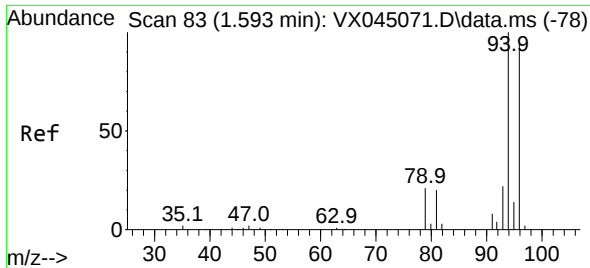
Tgt Ion:168 Resp: 70094
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Tgt Ion: 50 Resp: 235
Ion Ratio Lower Upper
50 100
52 43.2 25.0 37.4#

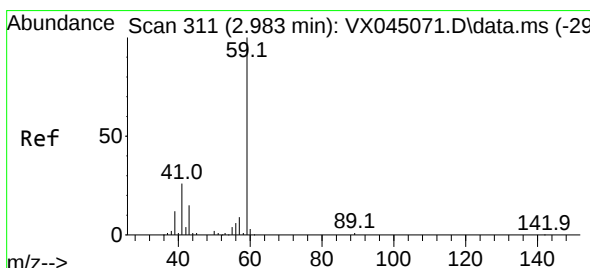
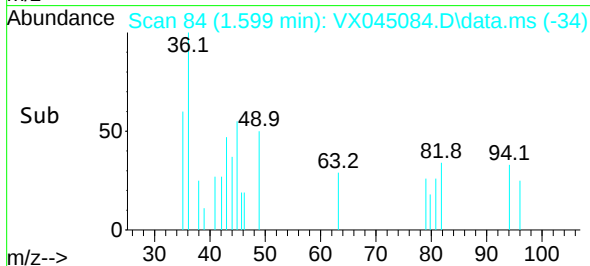
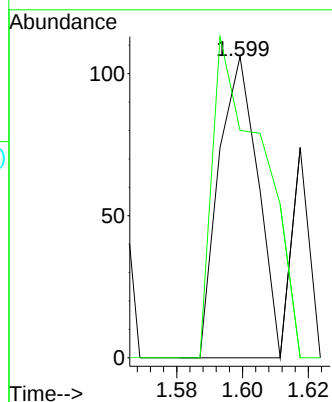
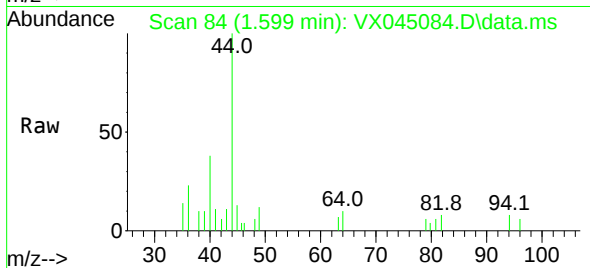




#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

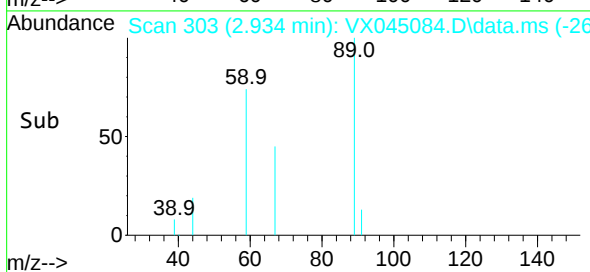
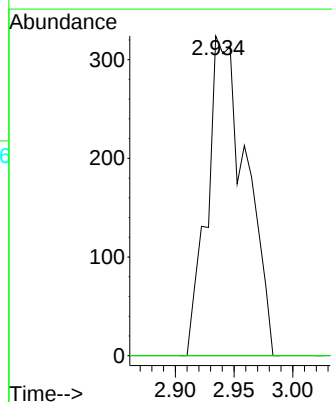
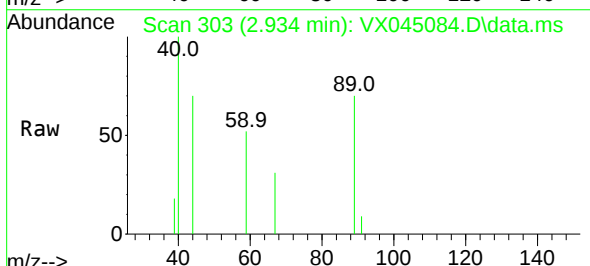
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250220

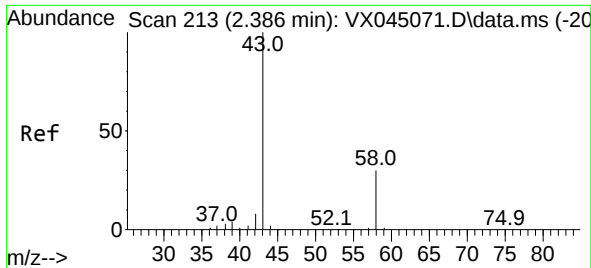
Tgt Ion: 94 Resp: 87
Ion Ratio Lower Upper
94 100
96 75.5 75.0 112.4



#11
Tert butyl alcohol
Concen: 3.528 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Tgt Ion: 59 Resp: 745
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

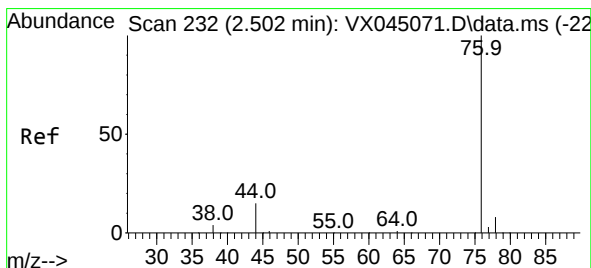
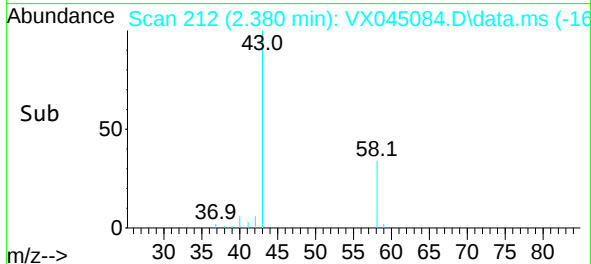
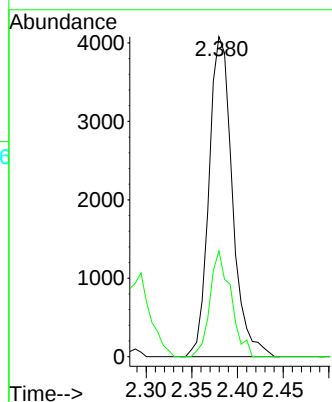
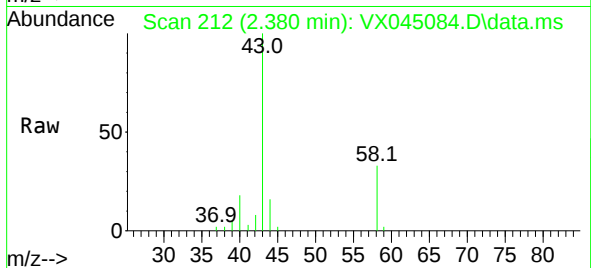




#16
Acetone
Concen: 14.021 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

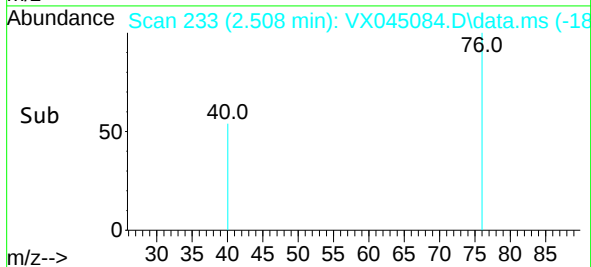
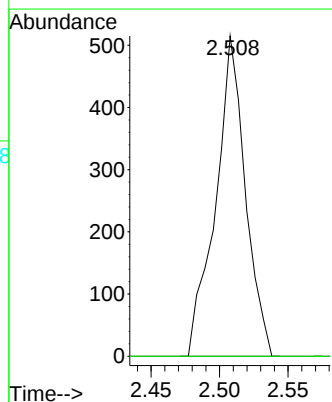
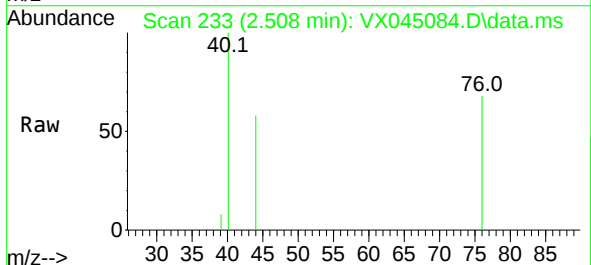
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250220

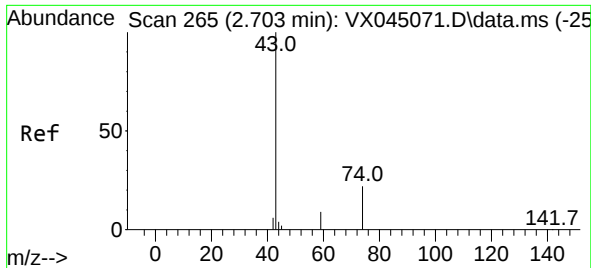
Tgt Ion: 43 Resp: 7253
Ion Ratio Lower Upper
43 100
58 33.1 24.2 36.4



#17
Carbon Disulfide
Concen: 0.339 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Tgt Ion: 76 Resp: 778
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

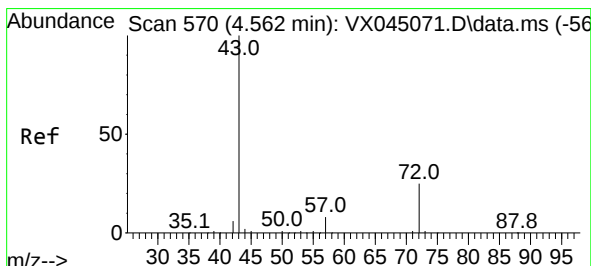
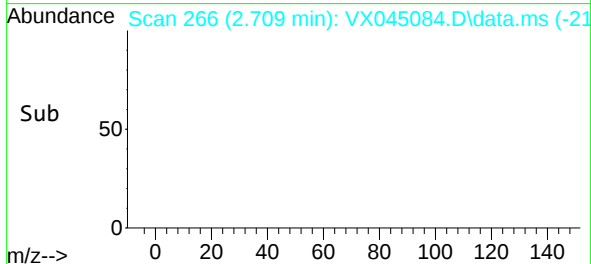
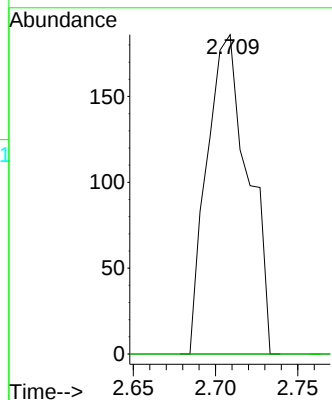
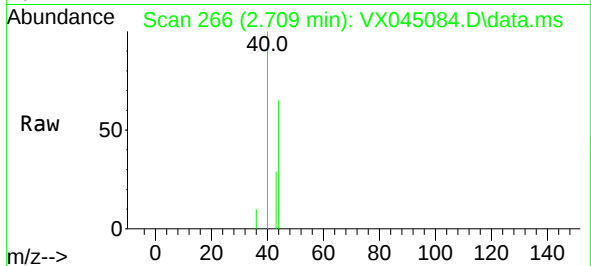




#18
Methyl Acetate
Concen: 0.260 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

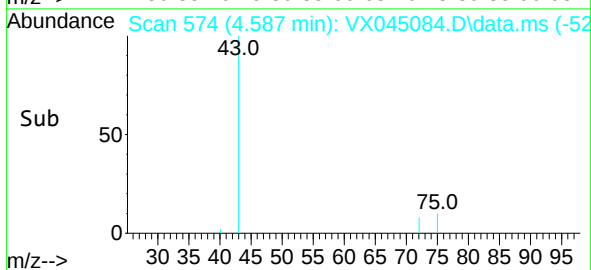
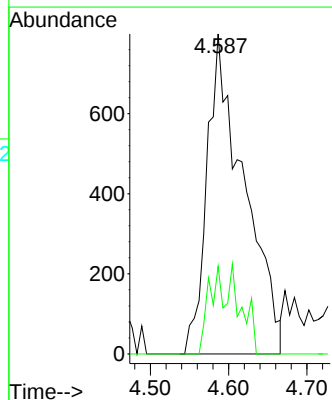
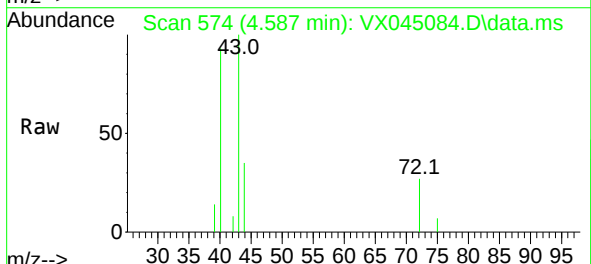
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250220

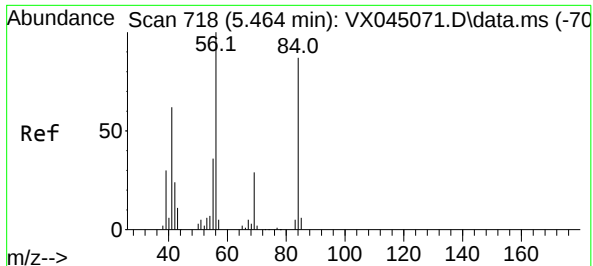
Tgt Ion: 43 Resp: 324
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#25
2-Butanone
Concen: 3.366 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Tgt Ion: 43 Resp: 2621
Ion Ratio Lower Upper
43 100
72 27.4 20.0 30.0

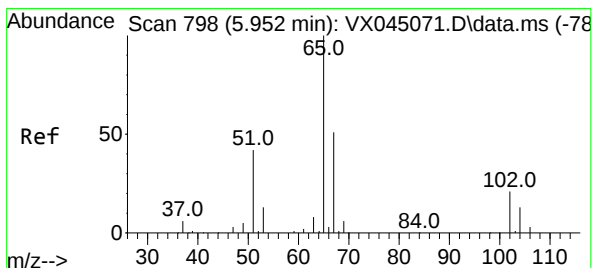
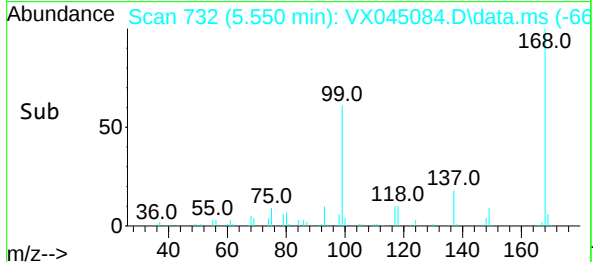
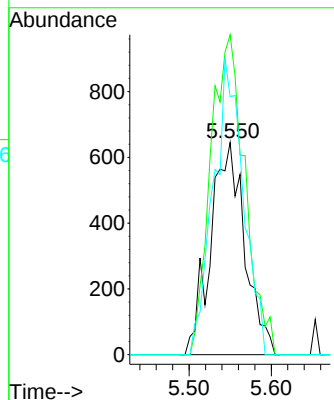
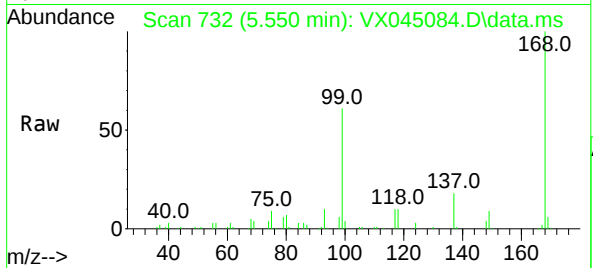




#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

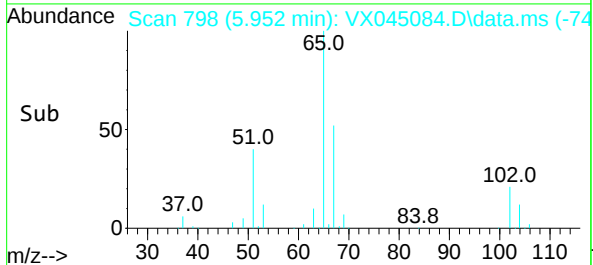
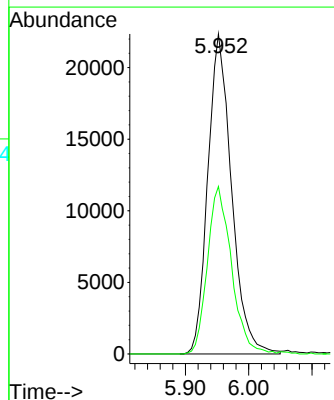
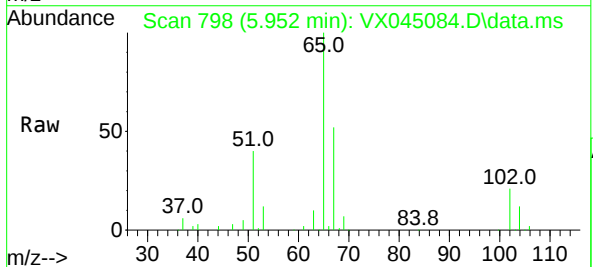
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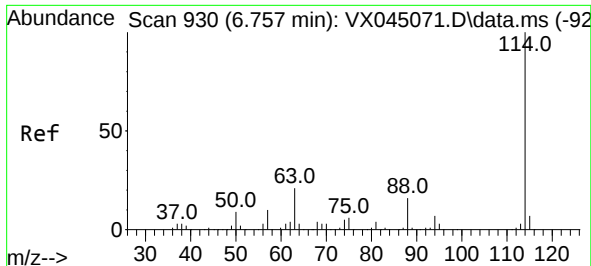
Tgt Ion: 56 Resp: 1862
Ion Ratio Lower Upper
56 100
69 150.9 23.4 35.2#
84 121.7 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 52.187 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Tgt Ion: 65 Resp: 58186
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.2

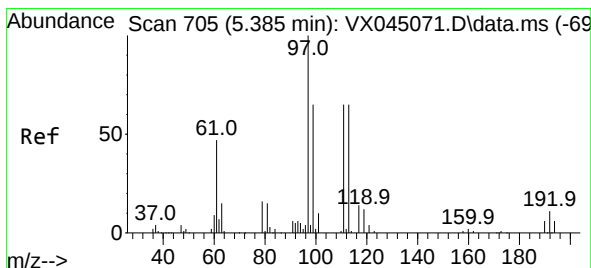
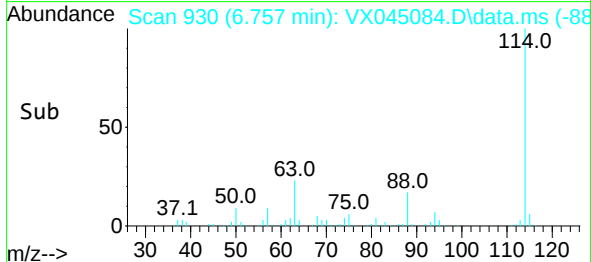
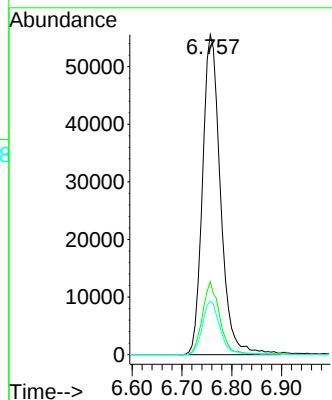
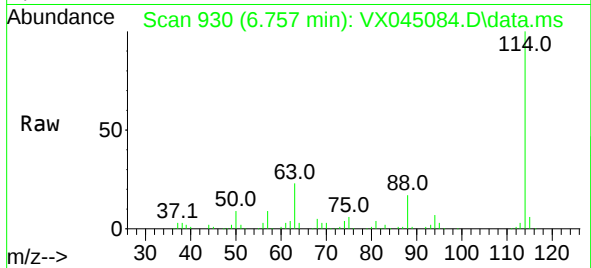




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

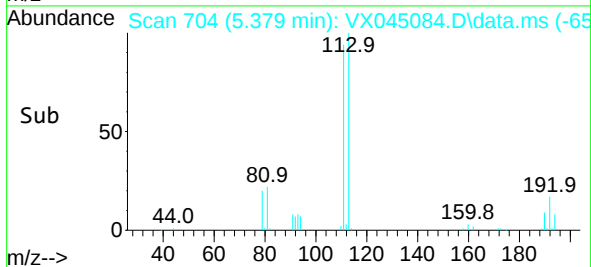
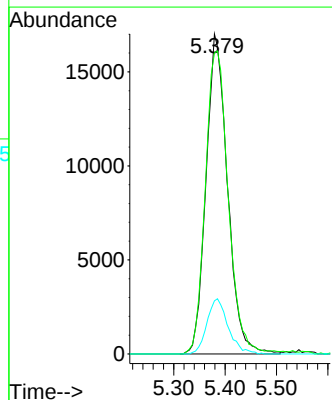
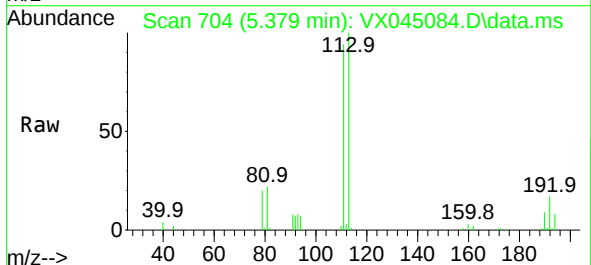
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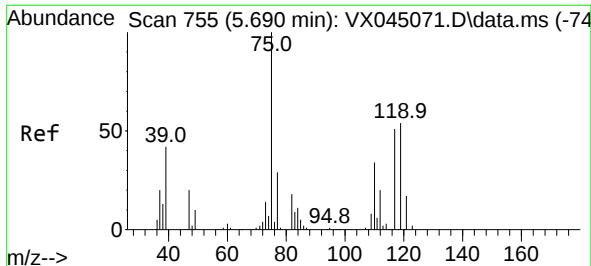
Tgt Ion:114 Resp: 139228
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.081 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

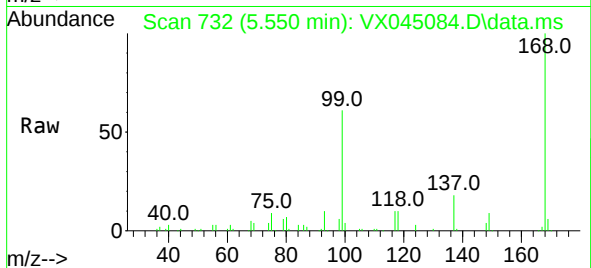
Tgt Ion:113 Resp: 49417
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 17.0 14.3 21.5



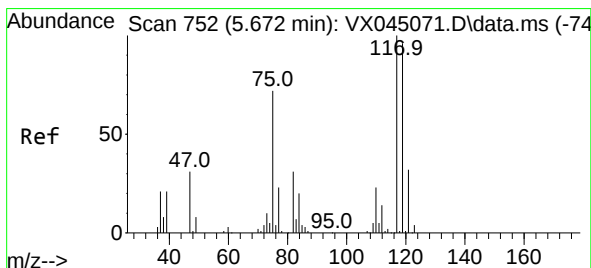
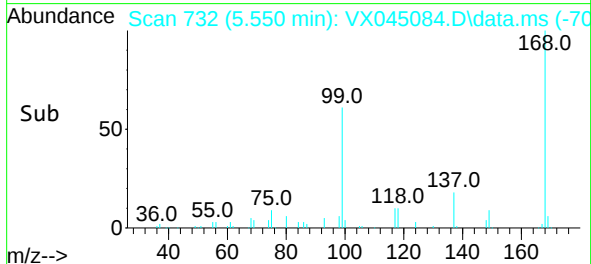
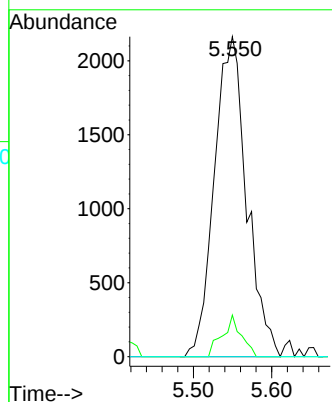


#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Instrument :
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ClientSampleId :
BP-VPB-192-TB-20250220

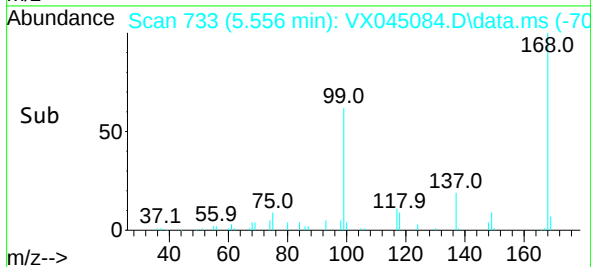
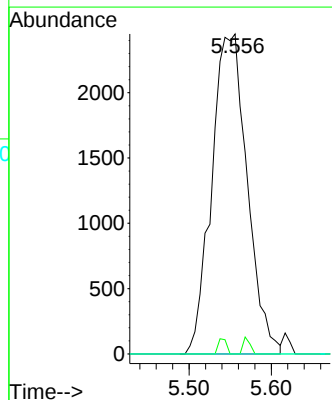
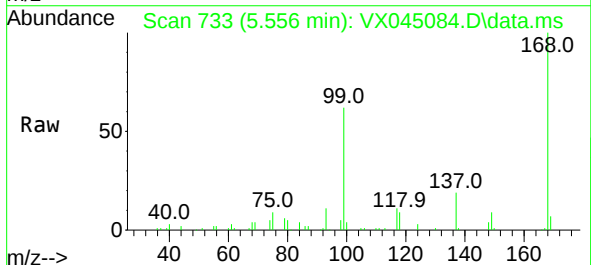


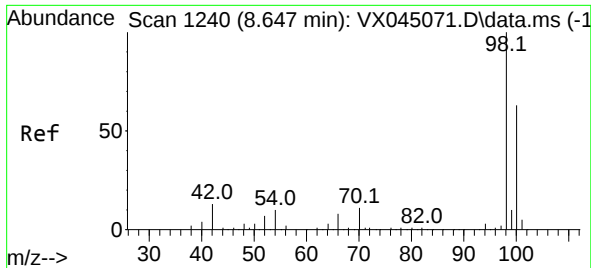
Tgt Ion: 75 Resp: 6197
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.665 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Tgt Ion: 117 Resp: 7343
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 25.5 38.3#

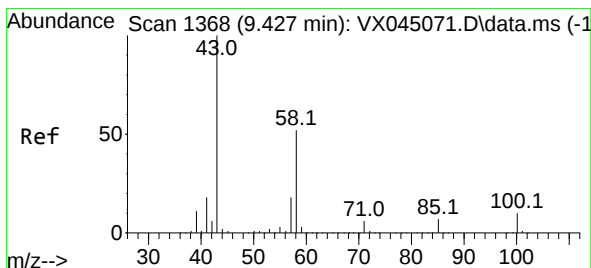
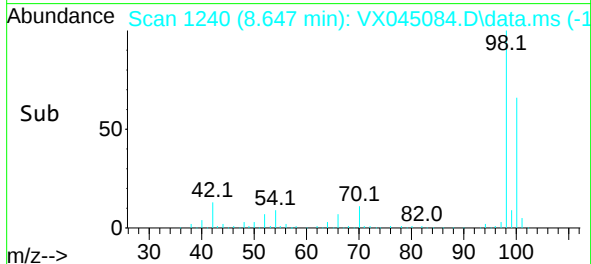
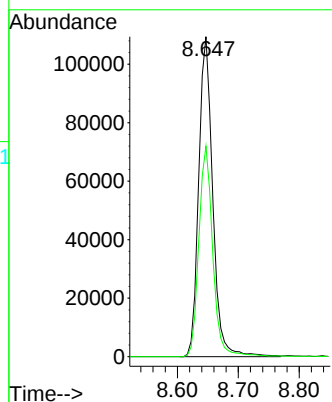
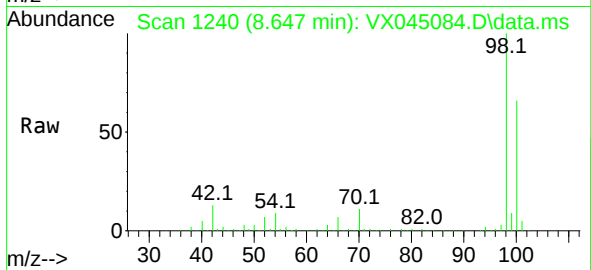




#50
Toluene-d8
Concen: 51.892 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

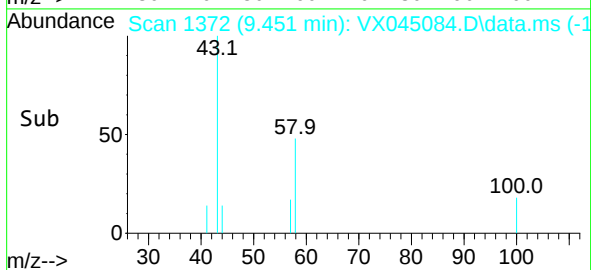
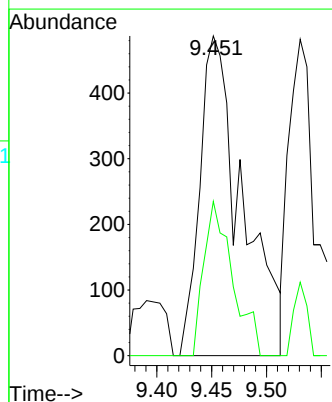
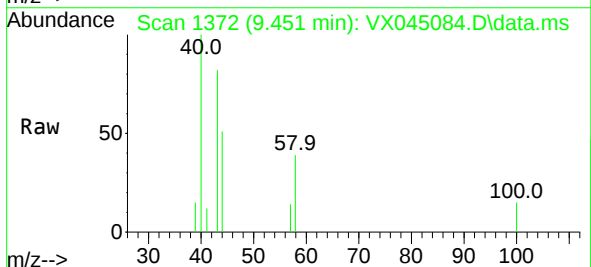
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250220

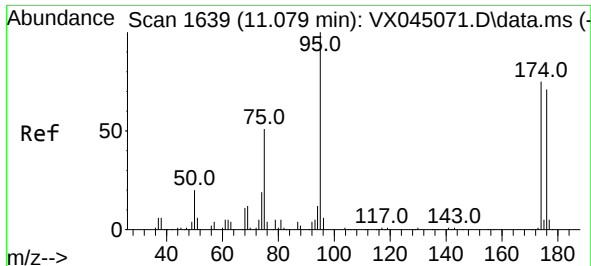
Tgt Ion: 98 Resp: 175141
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#59
2-Hexanone
Concen: 1.105 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.024 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
58 32.8 25.9 77.6

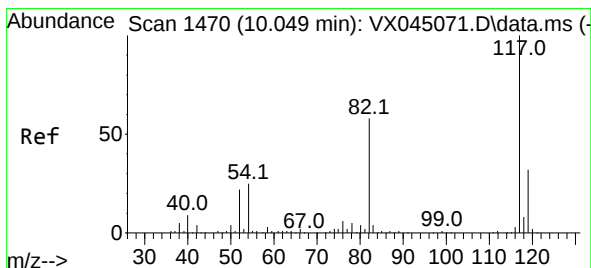
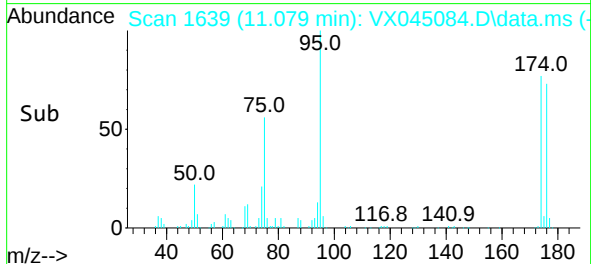
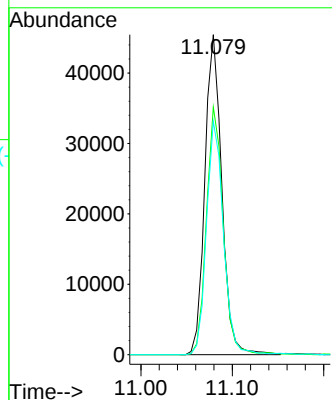
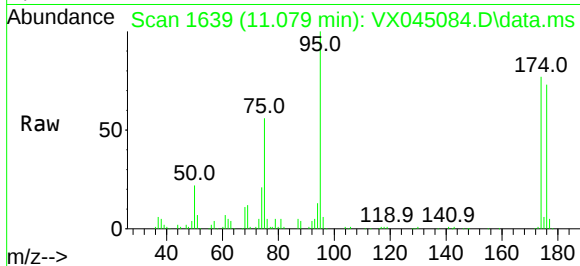




#62
4-Bromofluorobenzene
Concen: 52.290 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

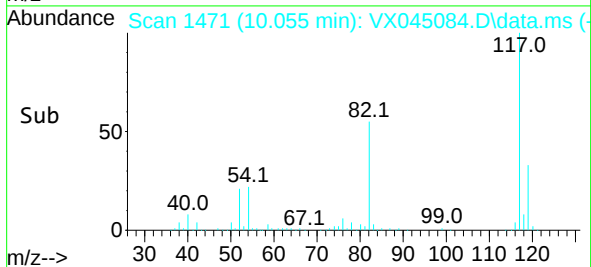
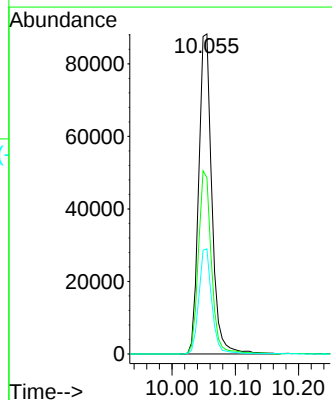
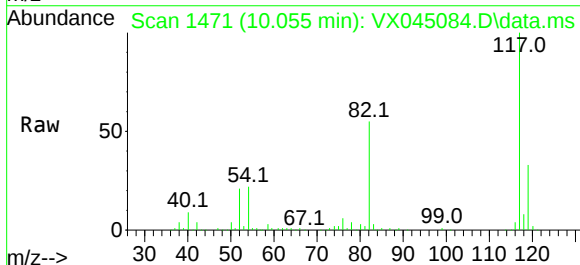
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250220

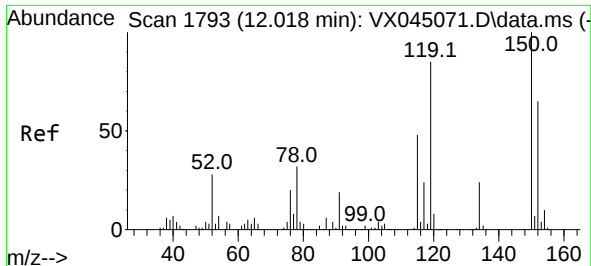
Tgt Ion: 95 Resp: 58482
Ion Ratio Lower Upper
95 100
174 76.7 0.0 148.2
176 72.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

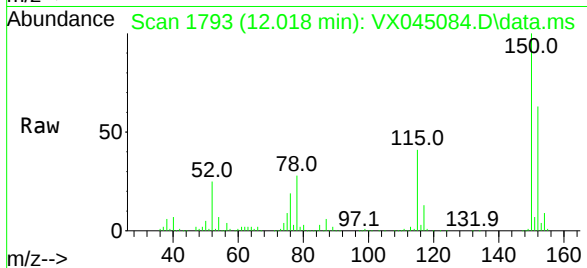
Tgt Ion: 117 Resp: 127899
Ion Ratio Lower Upper
117 100
82 55.1 46.3 69.5
119 32.8 25.7 38.5



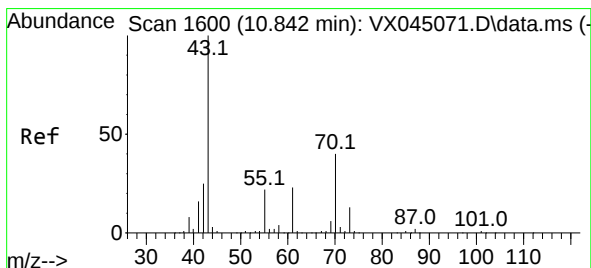
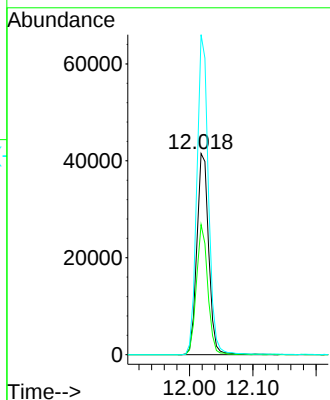
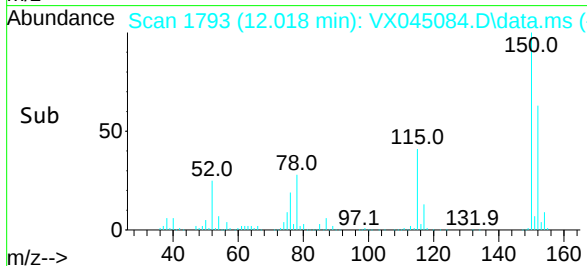


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250220

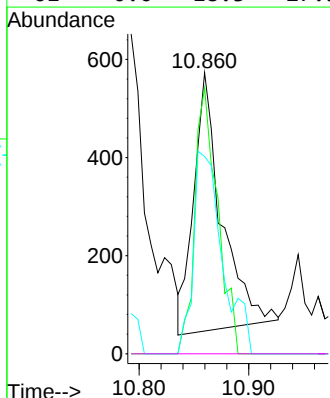
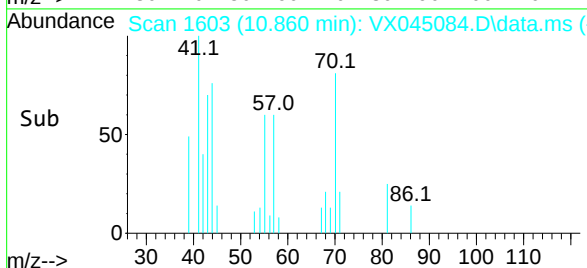
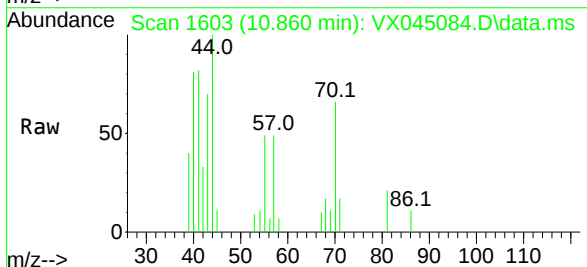


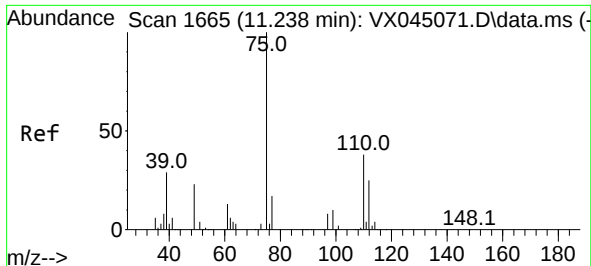
Tgt Ion:152 Resp: 54116
Ion Ratio Lower Upper
152 100
115 61.6 44.2 132.6
150 155.5 0.0 349.0



#74
N-ethyl acetate
Concen: 0.469 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
70 84.2 31.8 47.6#
55 81.5 18.3 27.5#
61 0.0 18.3 27.5#

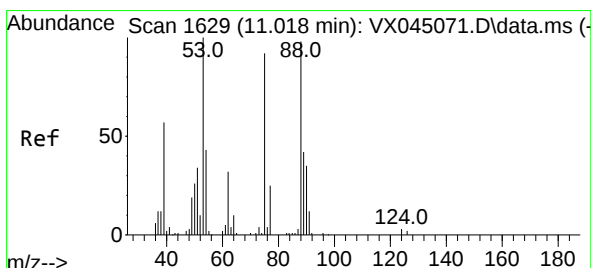
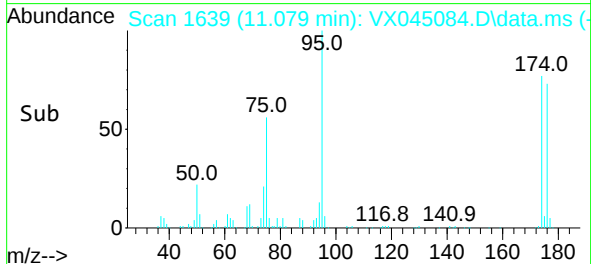
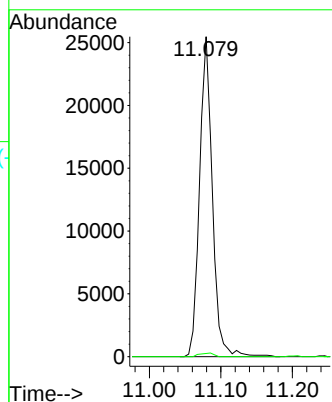
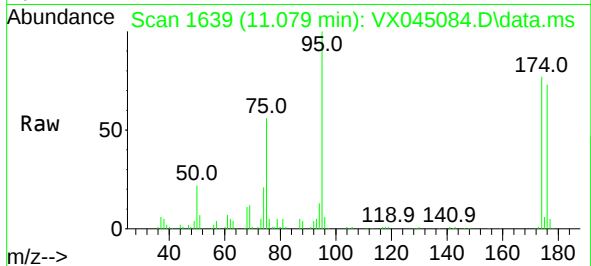




#76
1,2,3-Trichloropropane
Concen: 25.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

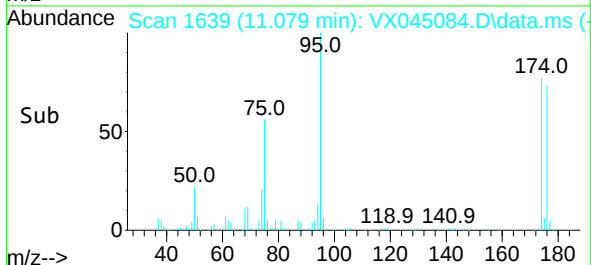
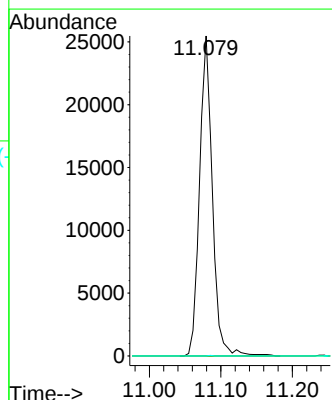
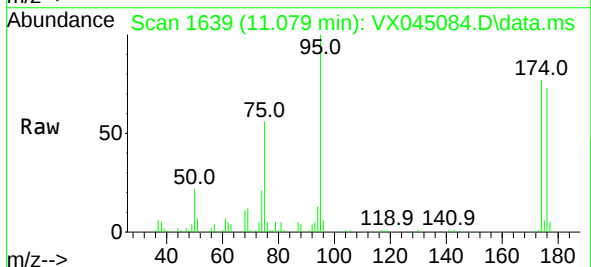
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250220

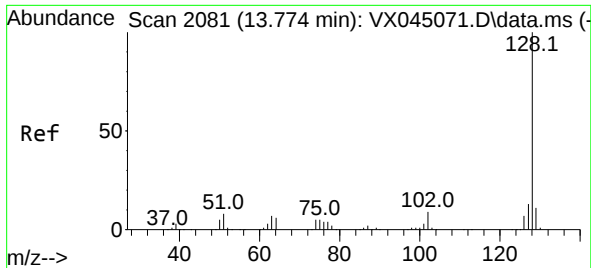
Tgt Ion: 75 Resp: 31679
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.071 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

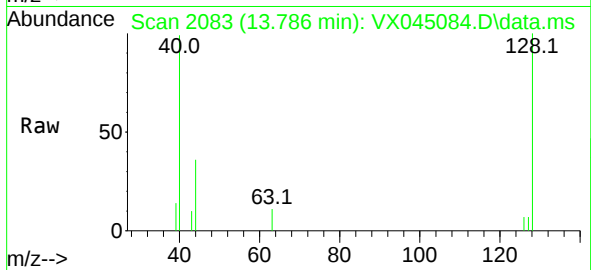
Tgt Ion: 75 Resp: 31679
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.1 36.2 54.4#





#95
Naphthalene
Concen: 0.260 ug/l
RT: 13.786 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045084.D
Acq: 28 Feb 2025 13:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250220



Tgt Ion:128 Resp: 1014
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 0.0 8.7 13.1#

