

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045987.D
 Acq On : 30 Apr 2025 10:55
 Operator : JC/MD
 Sample : VX0430WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBL01

Quant Time: May 01 03:35:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

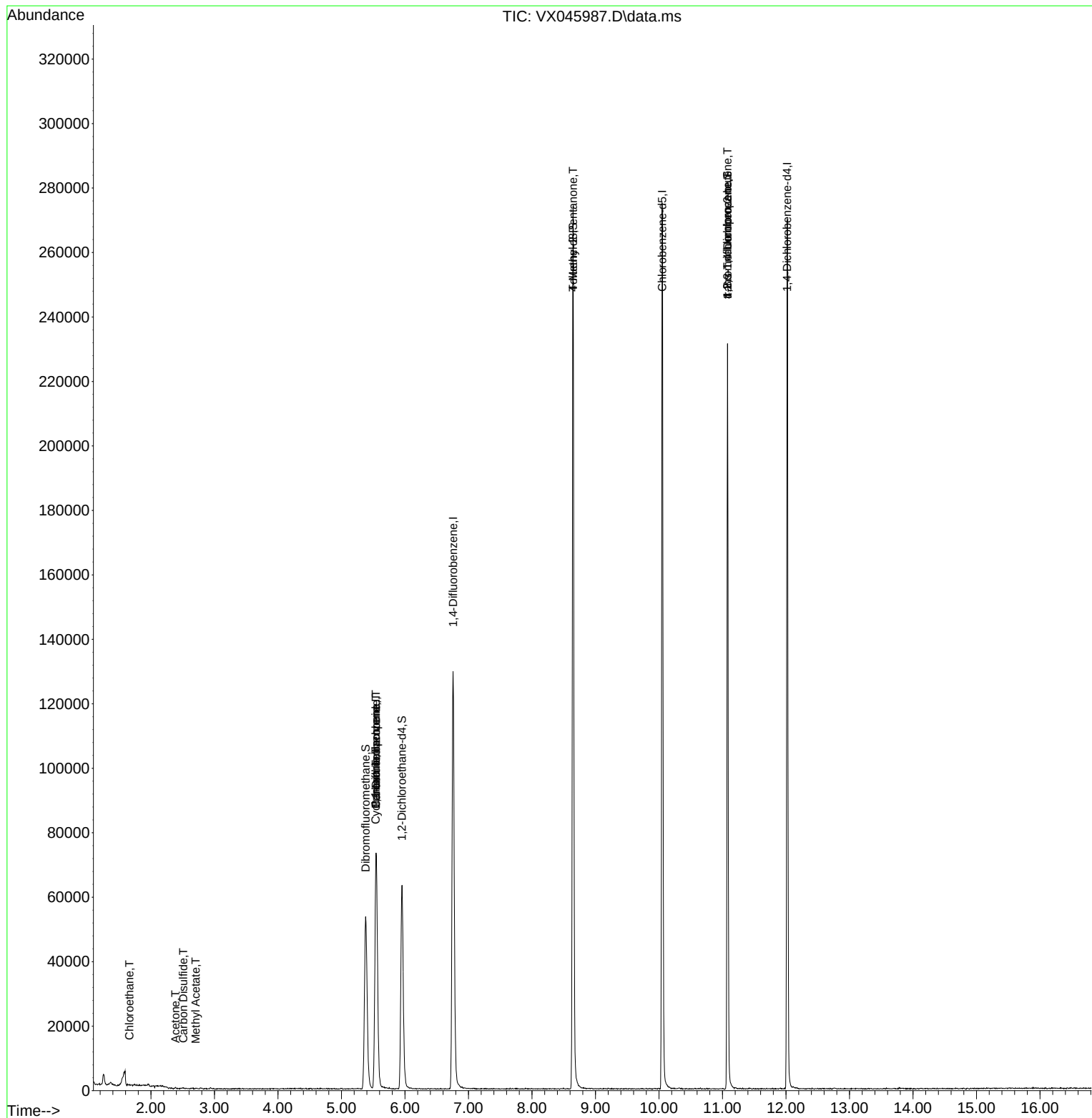
Internal Standards						
1) Pentafluorobenzene	5.544	168	62274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64126	56.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	5.379	113	46693	52.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	8.647	98	156289	50.392	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	58679	51.942	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.880%			
Target Compounds						Qvalue
6) Chloroethane	1.660	64	130	0.280	ug/l #	42
16) Acetone	2.386	43	218	0.466	ug/l #	47
17) Carbon Disulfide	2.508	76	433	0.235	ug/l #	76
18) Methyl Acetate	2.703	43	236	0.219	ug/l #	54
31) Cyclohexane	5.538	56	1931	1.382	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	6167	5.140	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7709	5.945	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	847	0.558	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34371	28.306	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34371	96.066	ug/l #	1

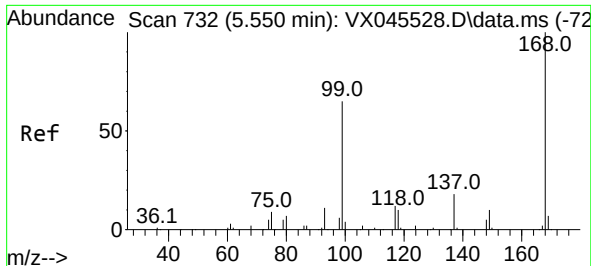
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: May 01 03:35:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

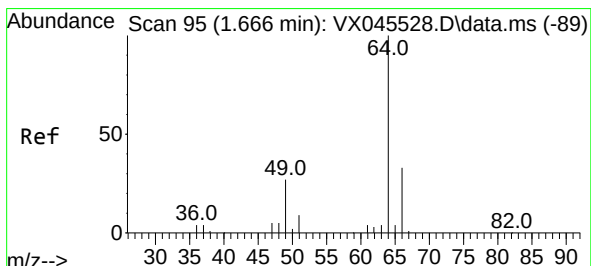
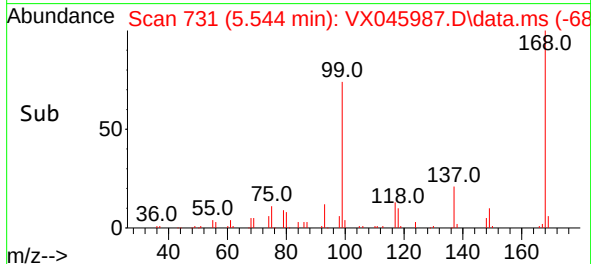
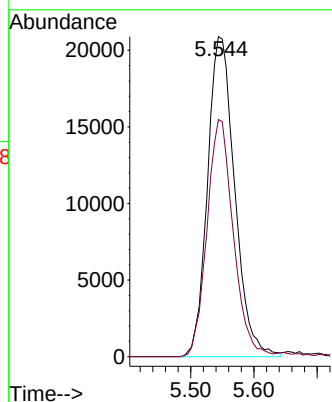
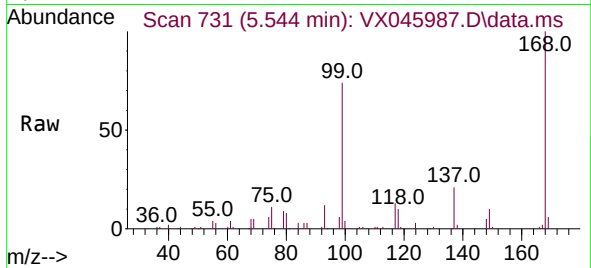




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

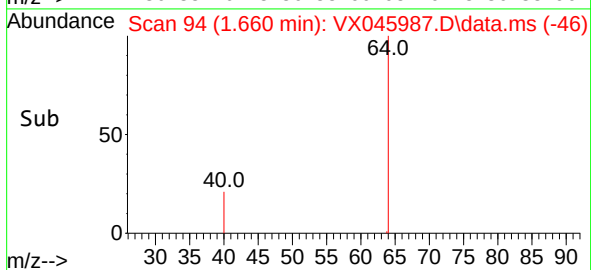
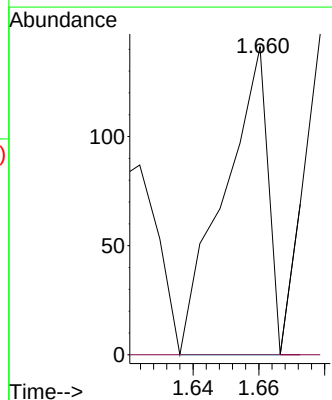
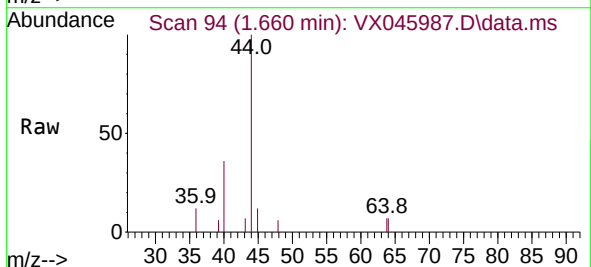
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

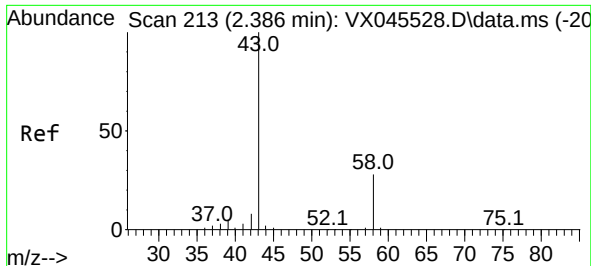
Tgt Ion:168 Resp: 62274
Ion Ratio Lower Upper
168 100
99 74.1 52.3 78.5



#6
Chloroethane
Concen: 0.280 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5

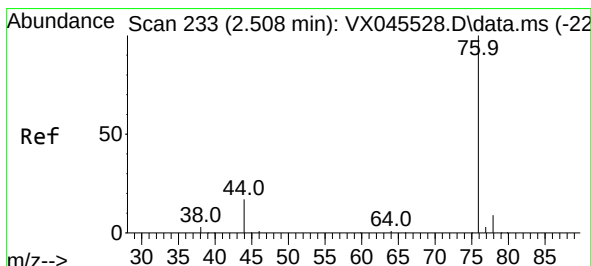
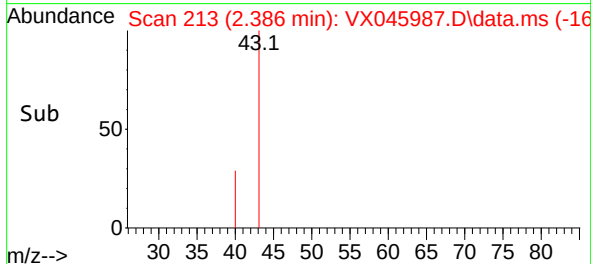
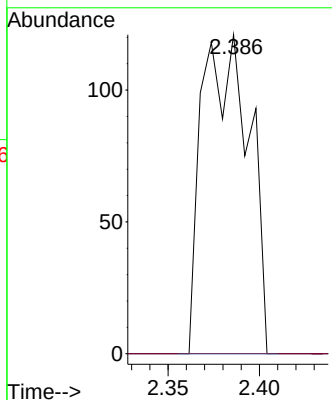
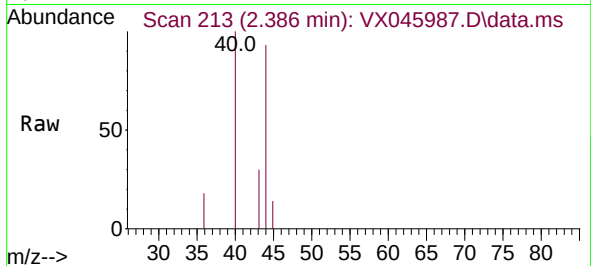




#16
Acetone
Concen: 0.466 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

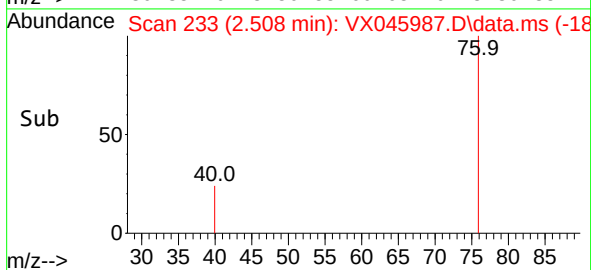
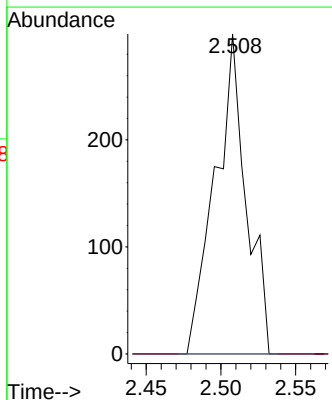
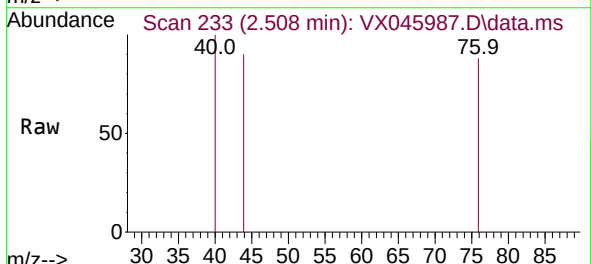
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

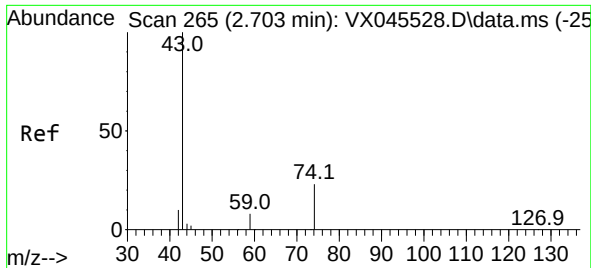
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 76 Resp: 433
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

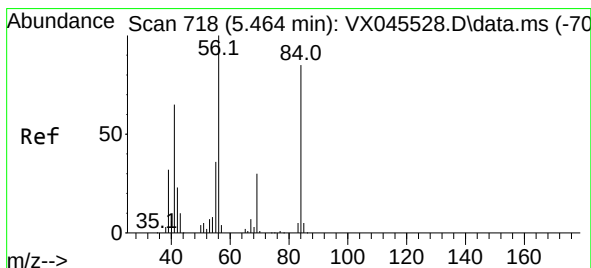
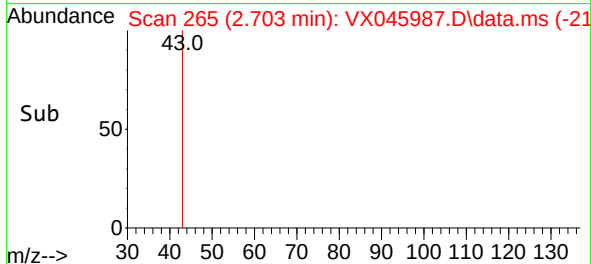
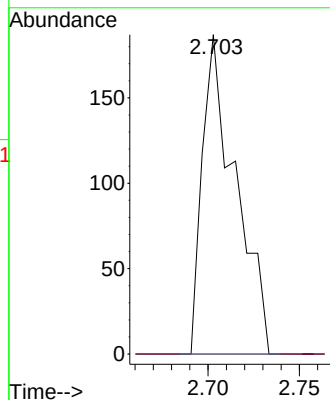
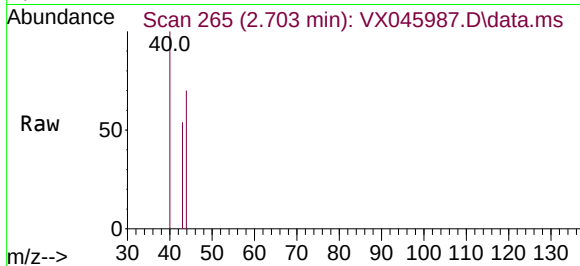




#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.703 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

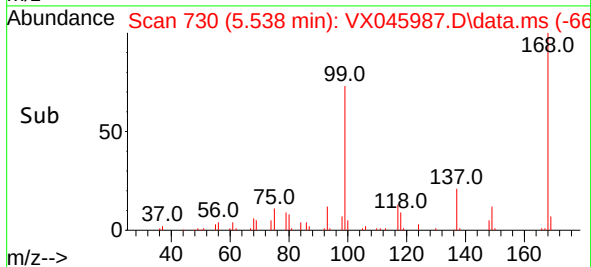
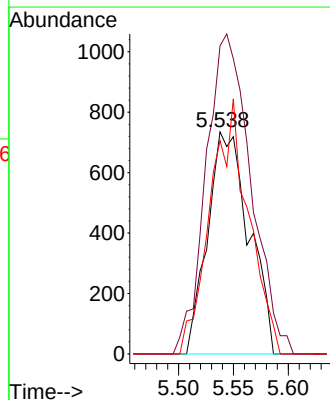
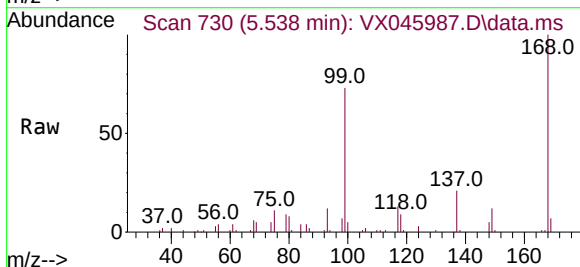
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

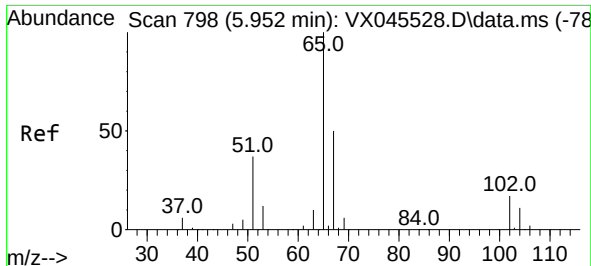
Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 1.382 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 56 Resp: 1931
Ion Ratio Lower Upper
56 100
69 131.2 23.6 35.4#
84 96.1 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 56.309 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045987.D

Acq: 30 Apr 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

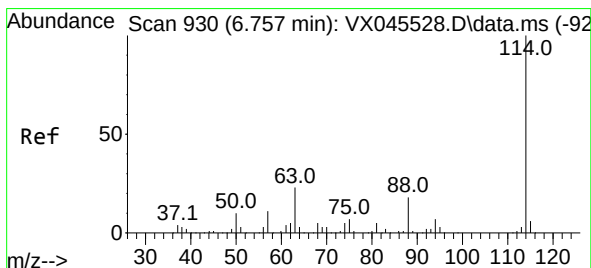
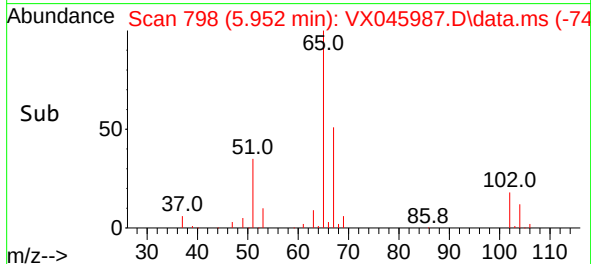
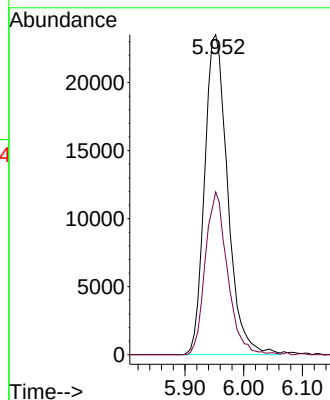
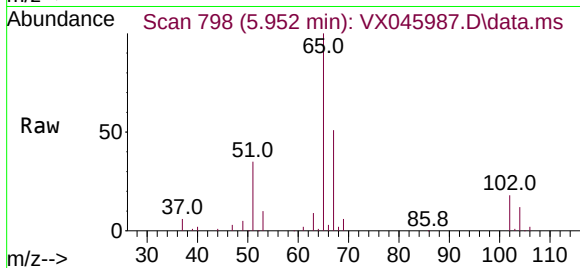
VX0430WBL01

Tgt Ion: 65 Resp: 64126

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045987.D

Acq: 30 Apr 2025 10:55

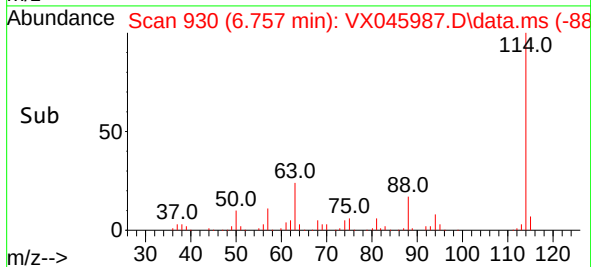
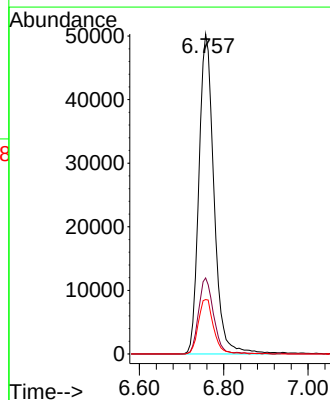
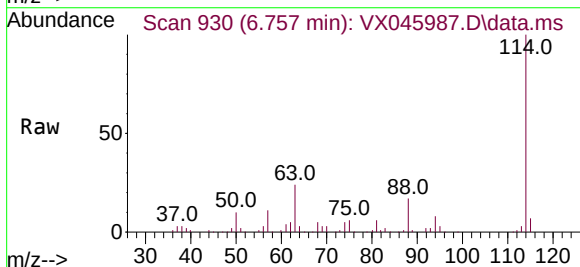
Tgt Ion: 114 Resp: 125239

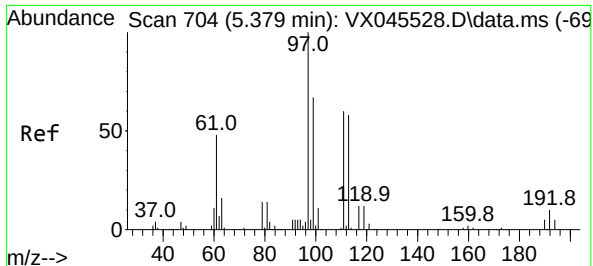
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.8

88 17.0 0.0 35.4

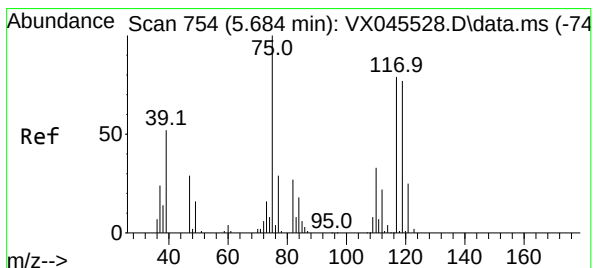
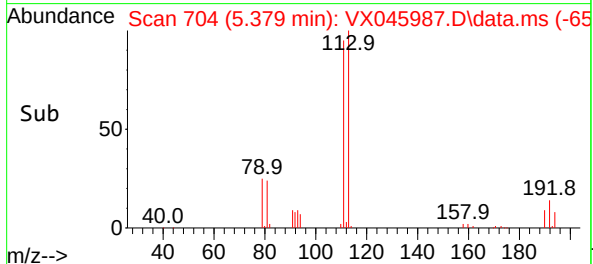
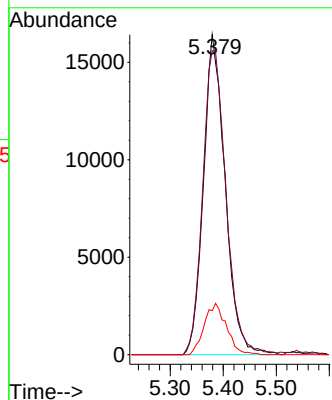
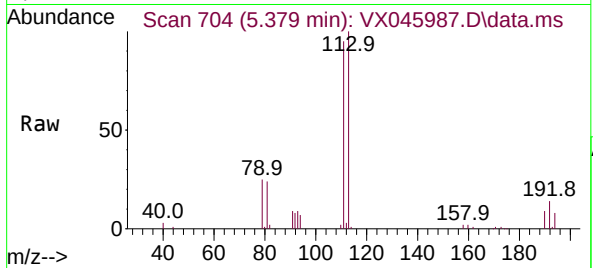




#35
Dibromofluoromethane
Concen: 52.548 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

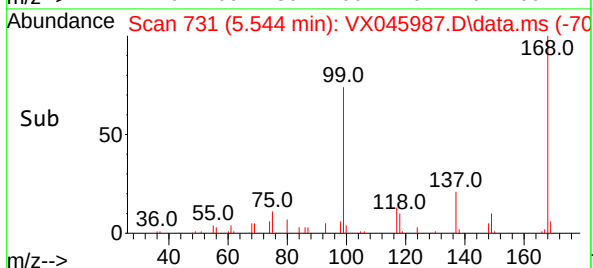
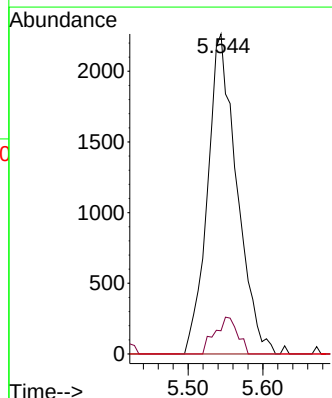
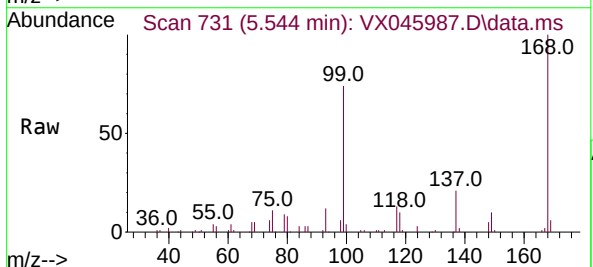
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

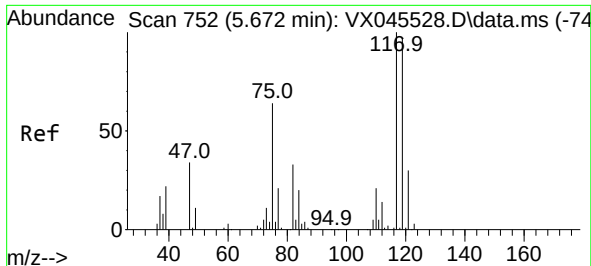
Tgt Ion:113 Resp: 46693
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.4 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.140 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

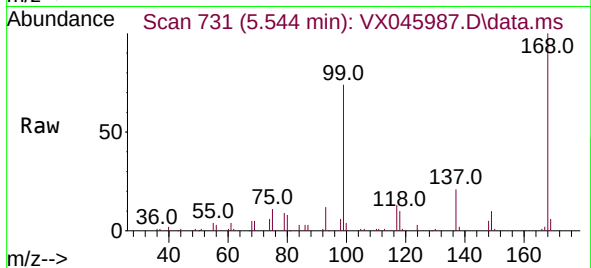
Tgt Ion: 75 Resp: 6167
Ion Ratio Lower Upper
75 100
110 8.8 16.9 50.6#
77 0.0 25.0 37.4#



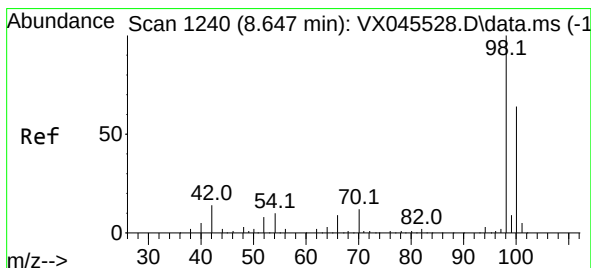
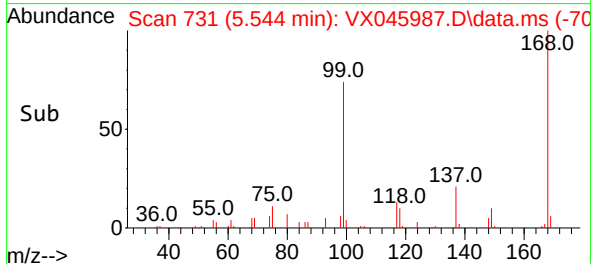
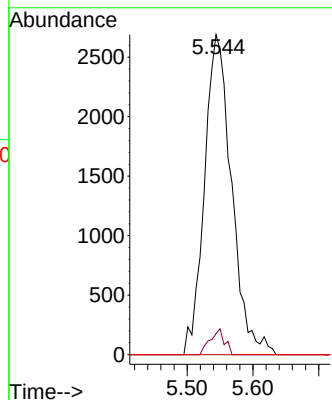


#38
Carbon Tetrachloride
Concen: 5.945 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

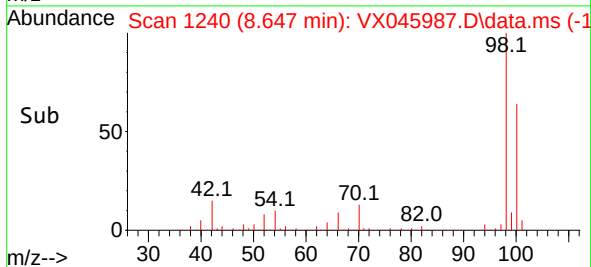
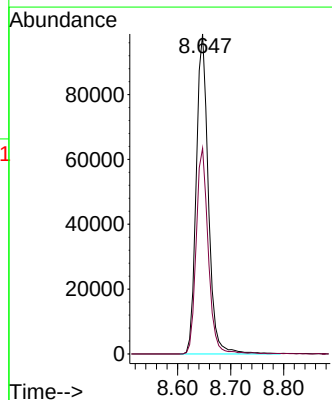
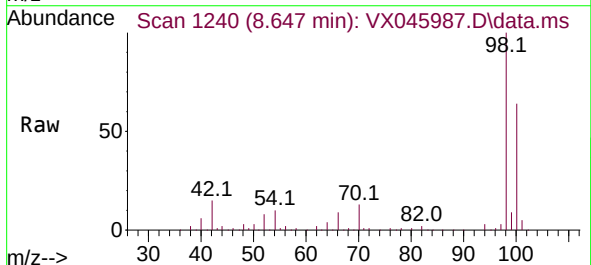


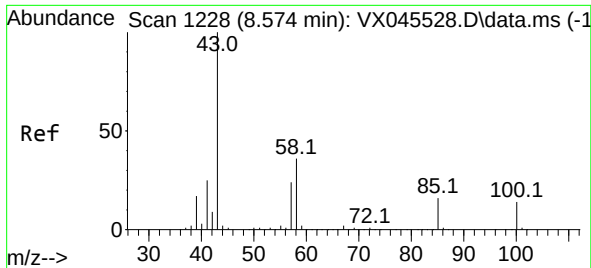
Tgt Ion:117 Resp: 7709
Ion Ratio Lower Upper
117 100
119 6.5 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.392 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 98 Resp: 156289
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4

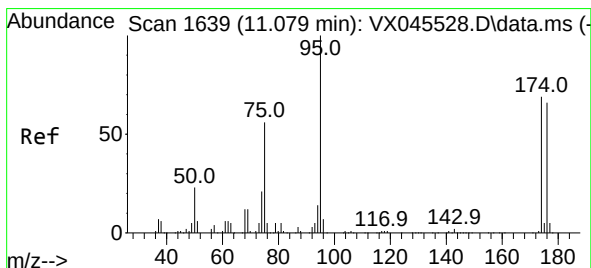
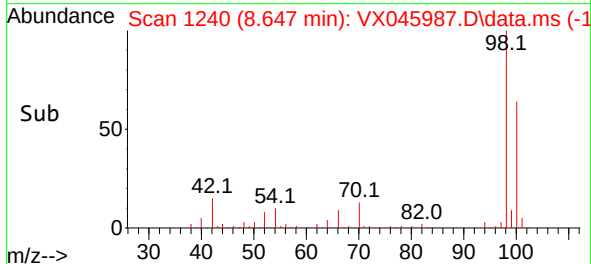
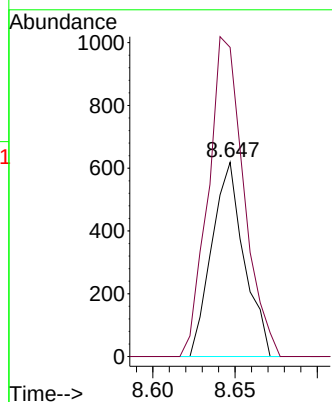
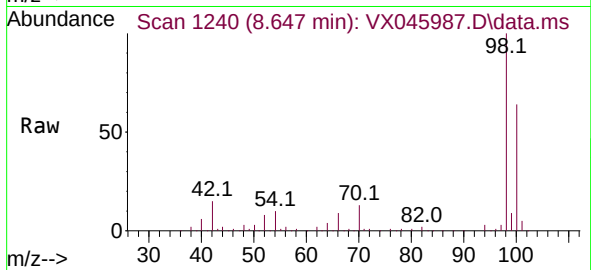




#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

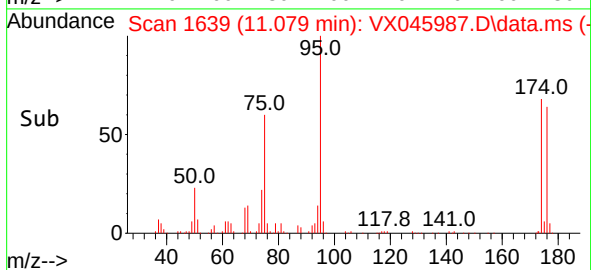
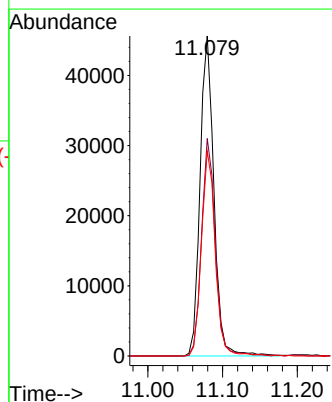
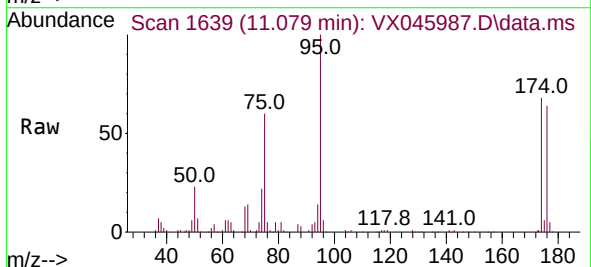
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

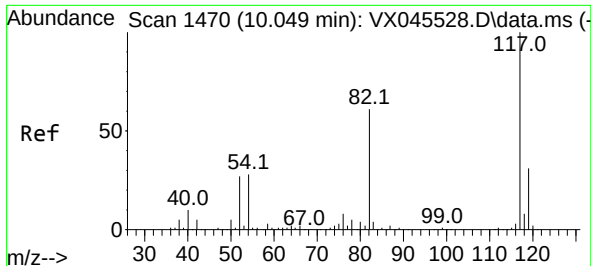
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 181.1 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 51.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 95 Resp: 58679
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 63.7 0.0 131.4

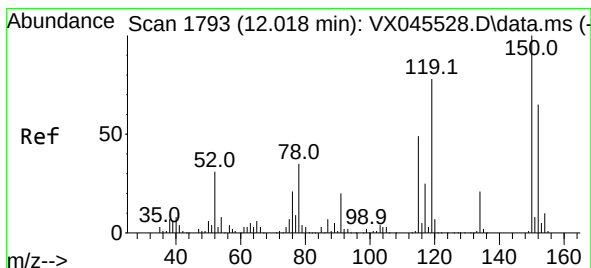
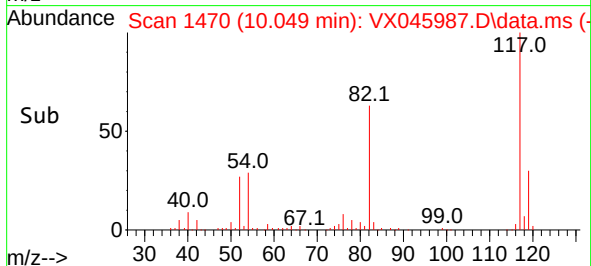
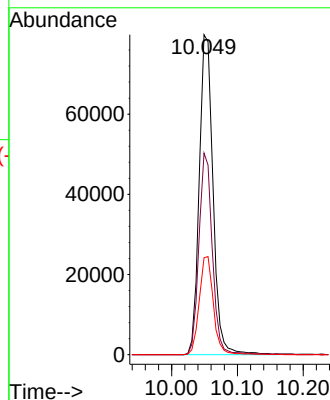
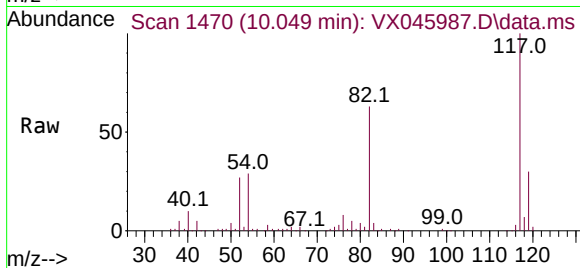




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

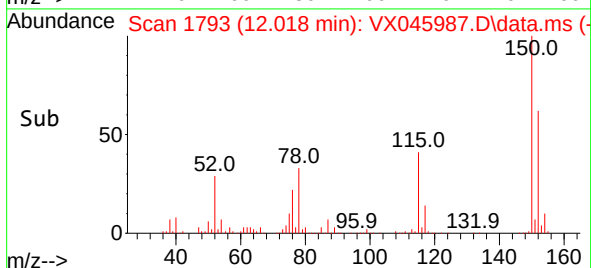
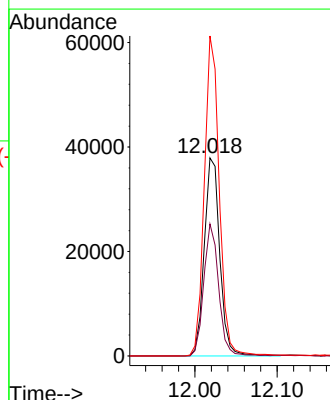
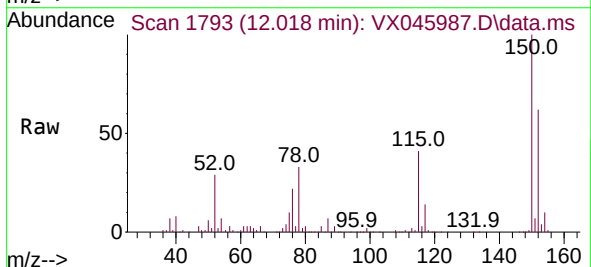
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

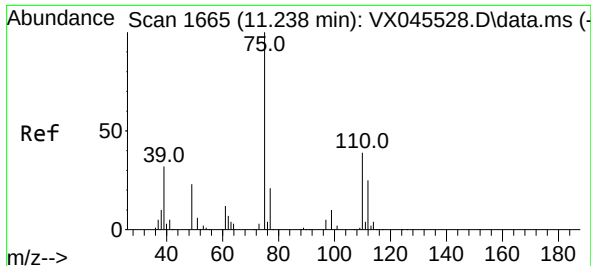
Tgt Ion:117 Resp: 116463
Ion Ratio Lower Upper
117 100
82 63.0 49.2 73.8
119 30.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion:152 Resp: 49781
Ion Ratio Lower Upper
152 100
115 63.9 46.9 140.7
150 155.8 0.0 349.4

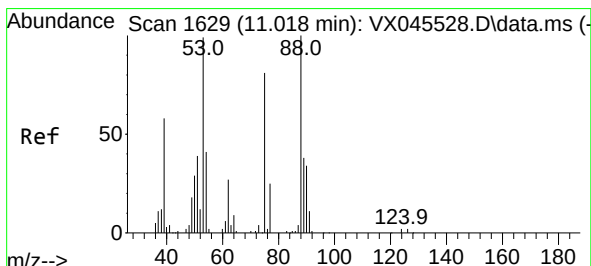
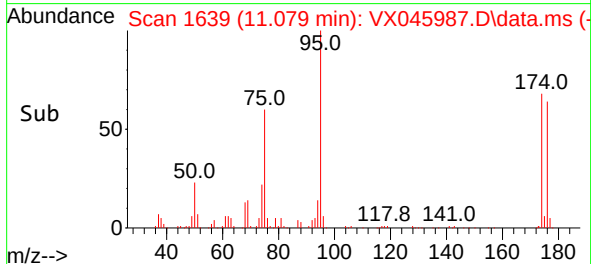
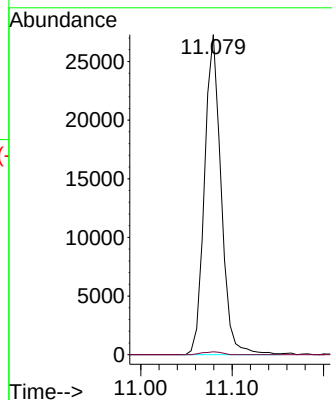
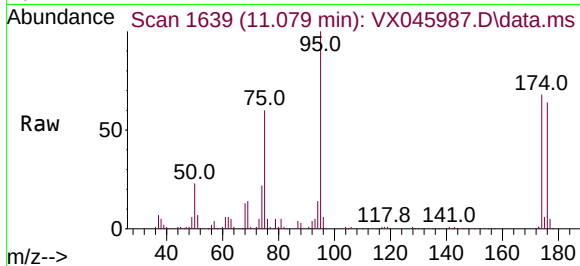




#76
1,2,3-Trichloropropane
Concen: 28.306 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion: 75 Resp: 34371
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 75 Resp: 34371
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

