

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046052.D
 Acq On : 06 May 2025 10:39
 Operator : JC/MD
 Sample : VX0506WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBL01

Quant Time: May 07 01:44:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

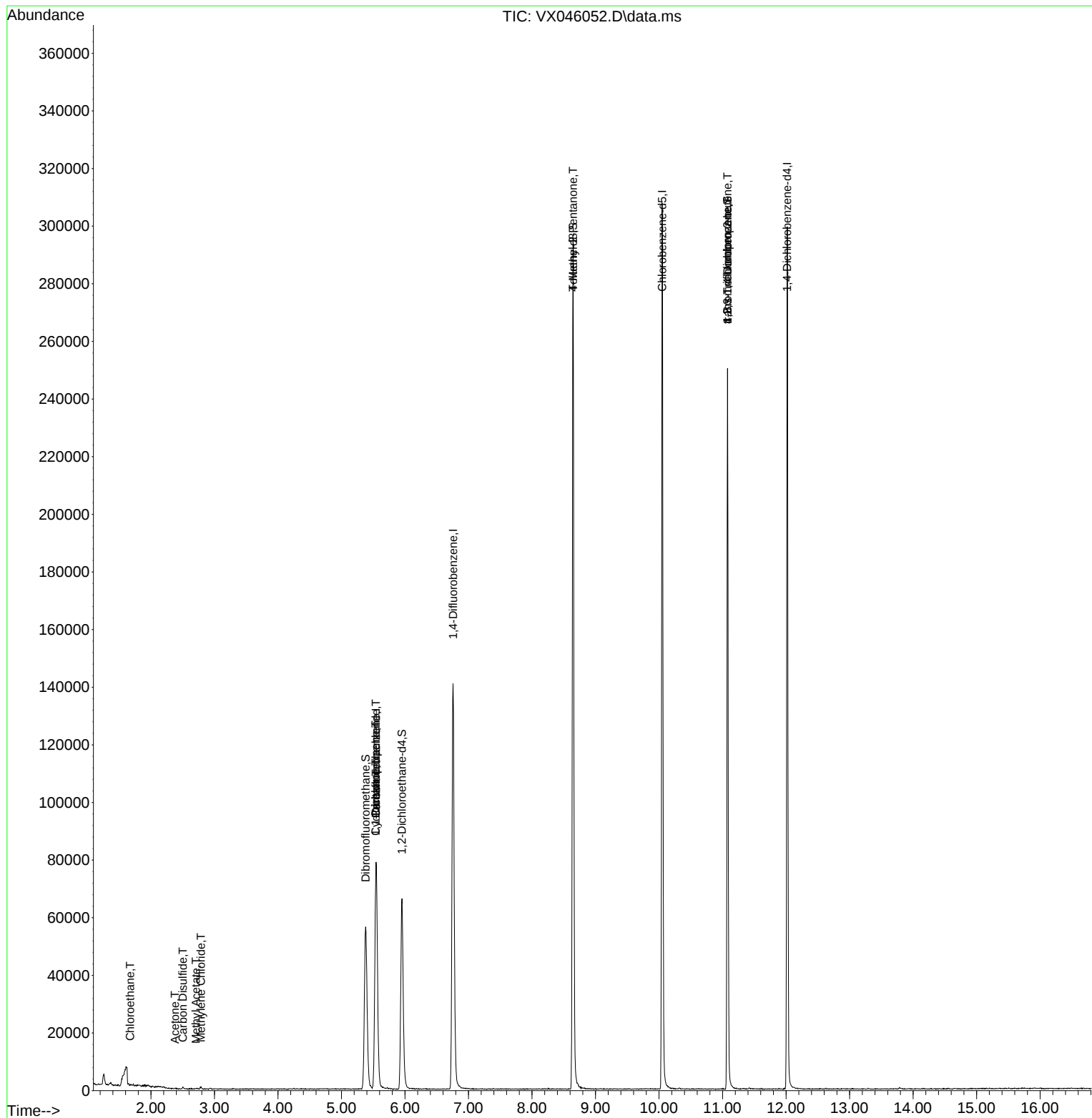
Internal Standards						
1) Pentafluorobenzene	5.544	168	68197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67874	53.385	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.760%	
35) Dibromofluoromethane	5.379	113	49460	50.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.680%	
50) Toluene-d8	8.647	98	168818	49.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	11.079	95	64799	49.679	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.360%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	157	0.312	ug/l #	44
16) Acetone	2.380	43	181	0.355	ug/l #	48
17) Carbon Disulfide	2.501	76	558	0.291	ug/l #	76
18) Methyl Acetate	2.709	43	252	0.213	ug/l #	55
20) Methylene Chloride	2.788	84	316	0.323	ug/l #	78
31) Cyclohexane	5.538	56	1893	1.249	ug/l #	21
36) 1,1-Dichloropropene	5.538	75	6812	5.160	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7795	5.256	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	969	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37863	28.734	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37863	93.550	ug/l #	1

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
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VX0506WBL01

Quant Time: May 07 01:44:41 2025
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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

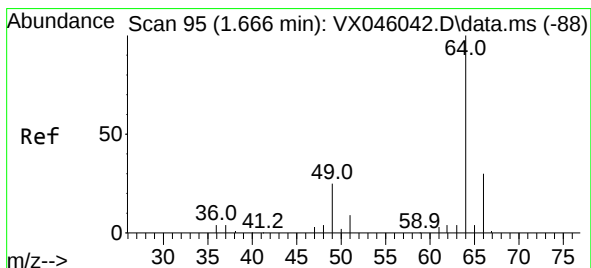
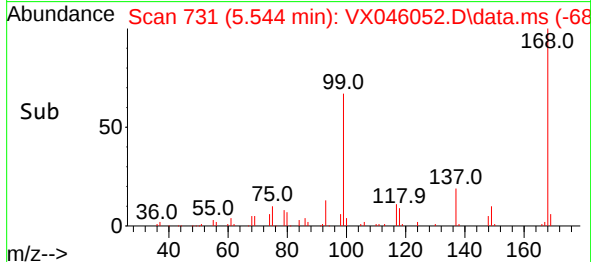
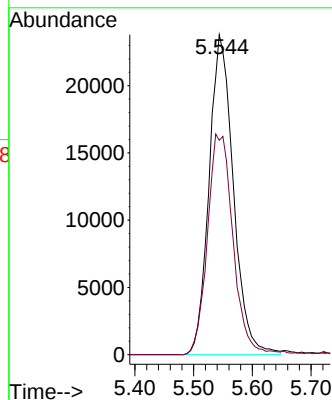
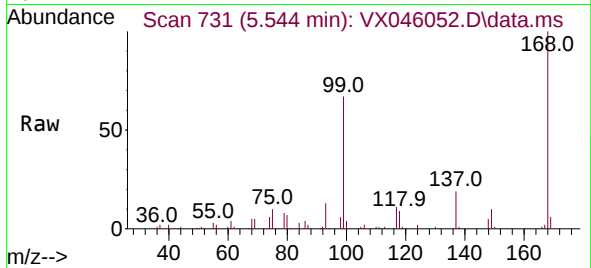




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

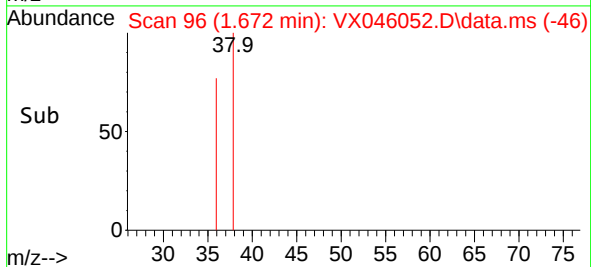
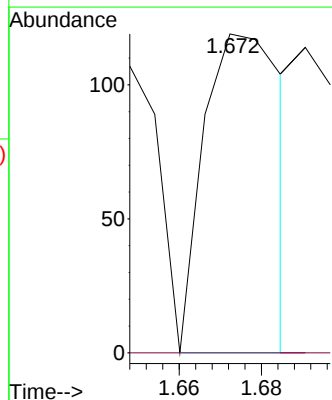
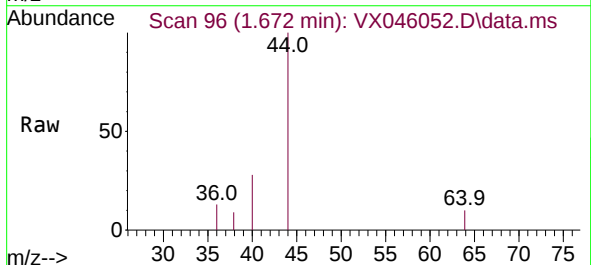
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

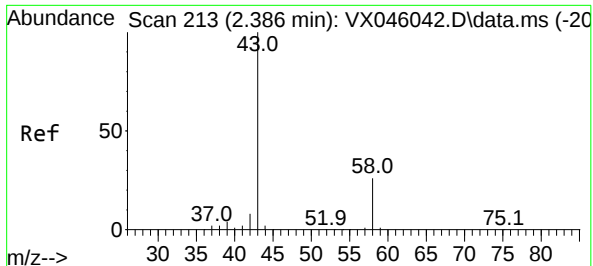
Tgt Ion:168 Resp: 68197
Ion Ratio Lower Upper
168 100
99 67.0 54.9 82.3



#6
Chloroethane
Concen: 0.312 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 64 Resp: 157
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#

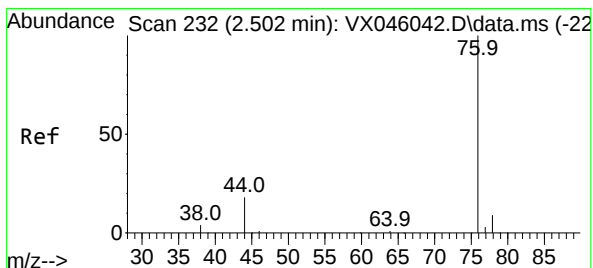
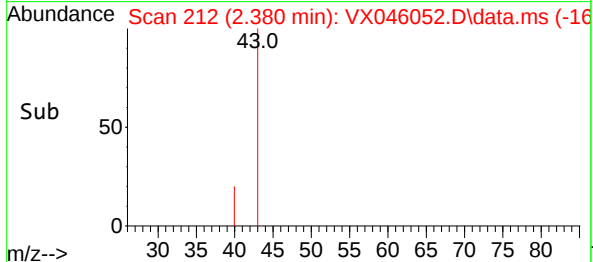
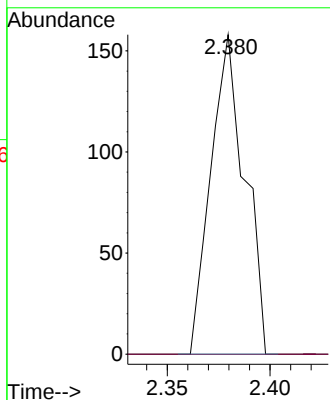
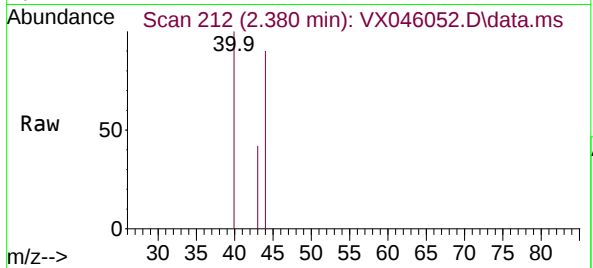




#16
Acetone
Concen: 0.355 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

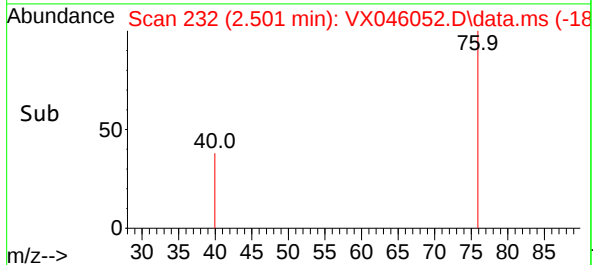
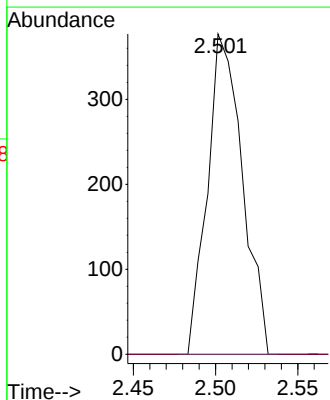
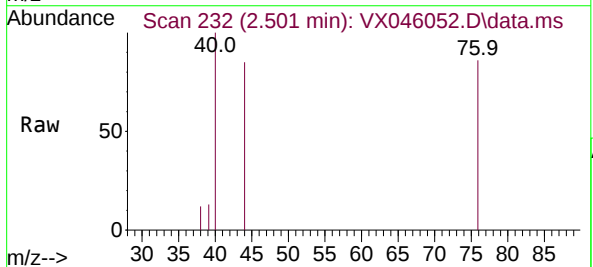
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

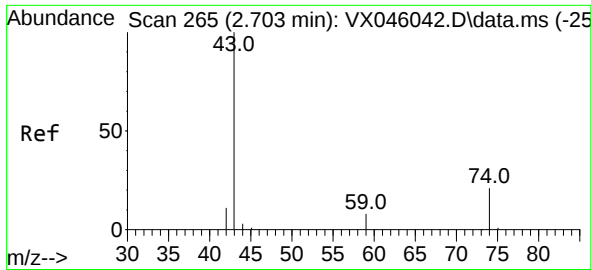
Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.291 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 76 Resp: 558
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

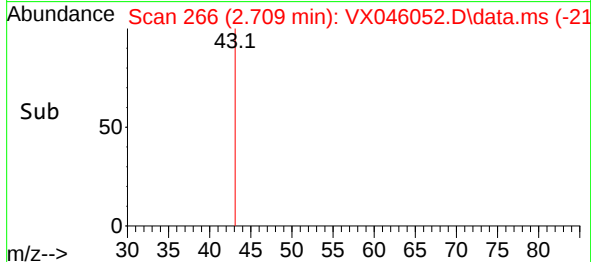
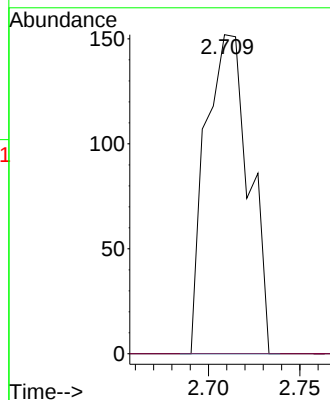
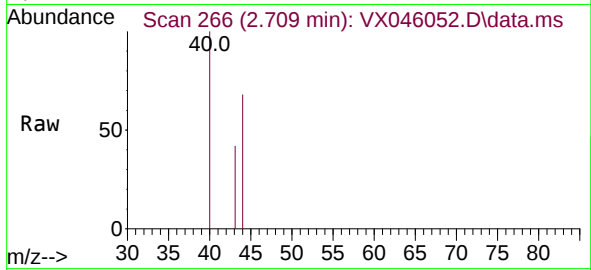




#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

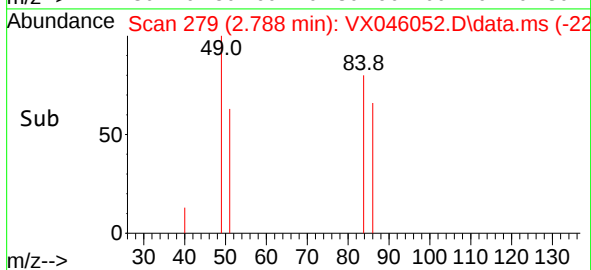
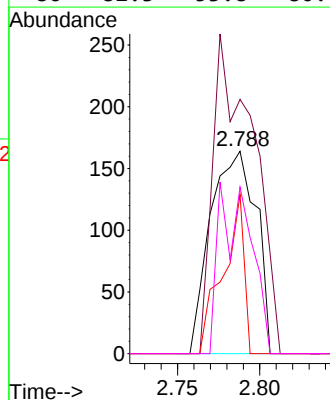
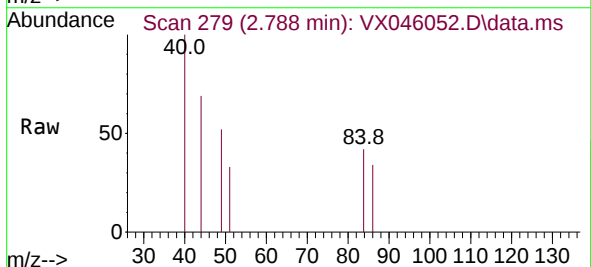
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

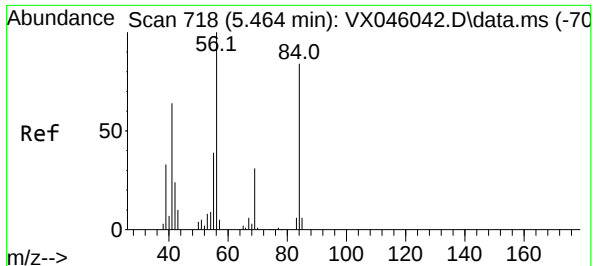
Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 84 Resp: 316
Ion Ratio Lower Upper
84 100
49 125.6 113.9 170.9
51 78.7 33.5 50.3#
86 82.3 53.8 80.8#

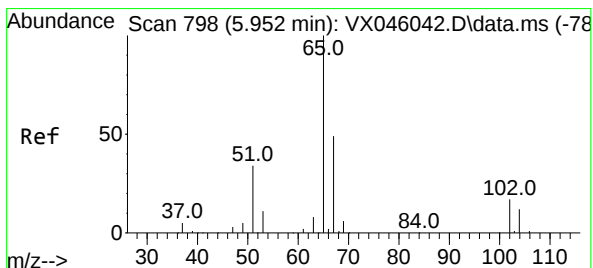
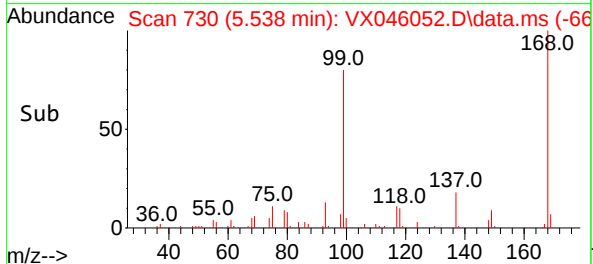
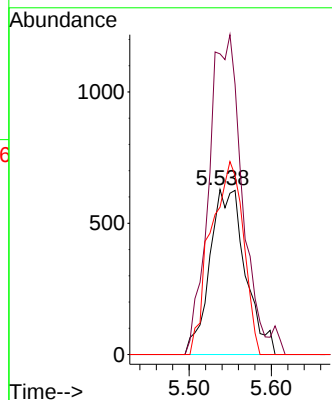
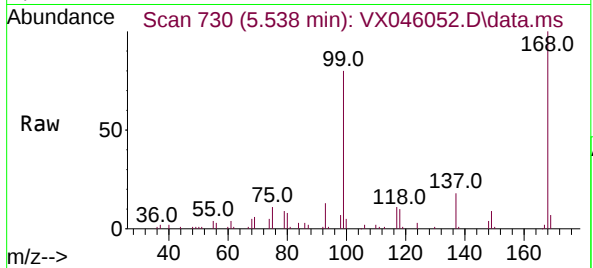




#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

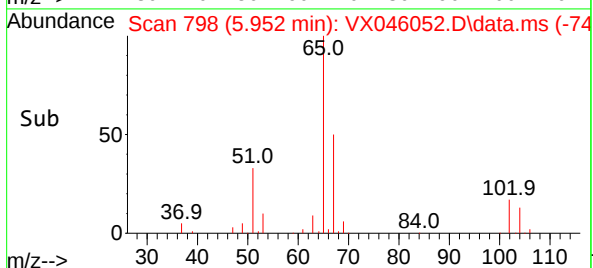
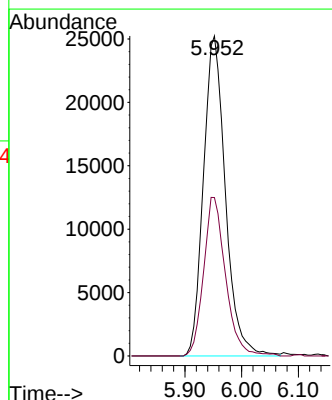
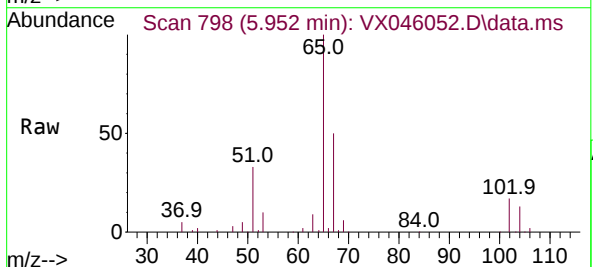
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

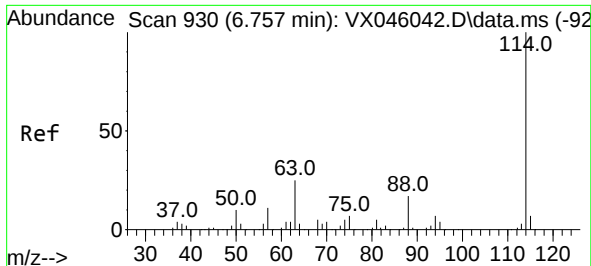
Tgt Ion: 56 Resp: 1893
Ion Ratio Lower Upper
56 100
69 182.3 24.4 36.6#
84 89.3 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.385 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 65 Resp: 67874
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

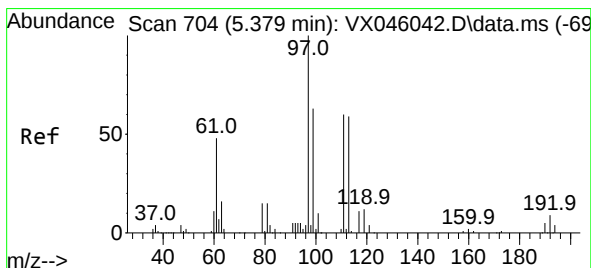
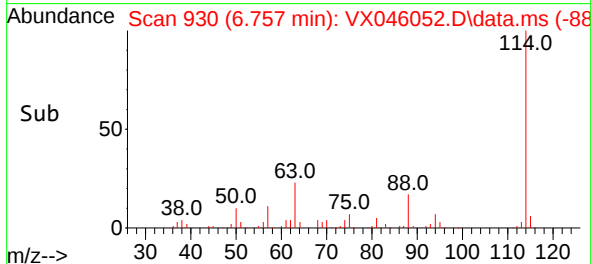
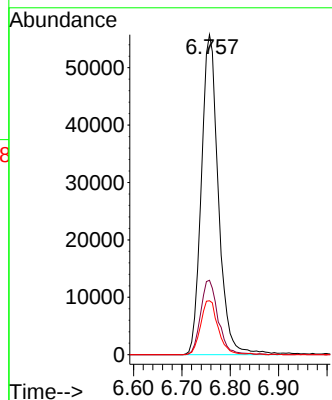
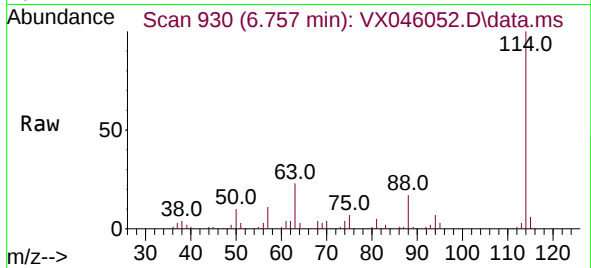




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

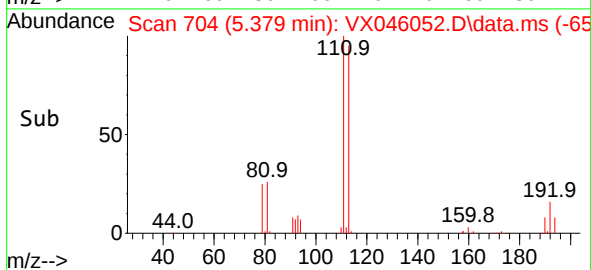
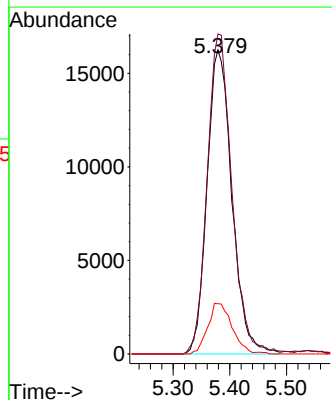
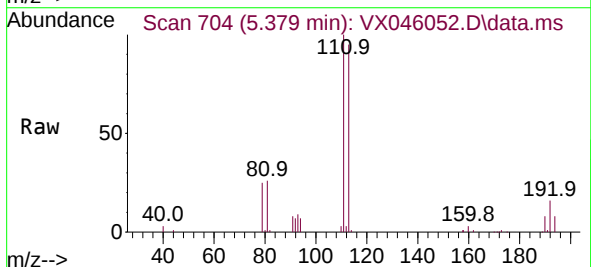
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

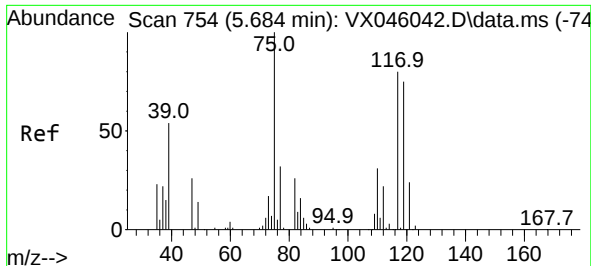
Tgt Ion:114 Resp: 136434
Ion Ratio Lower Upper
114 100
63 23.2 0.0 49.2
88 16.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.343 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion:113 Resp: 49460
Ion Ratio Lower Upper
113 100
111 104.8 83.1 124.7
192 16.2 13.3 19.9

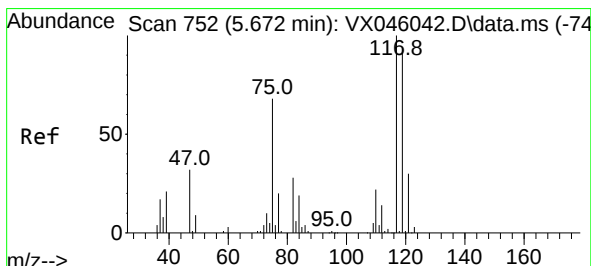
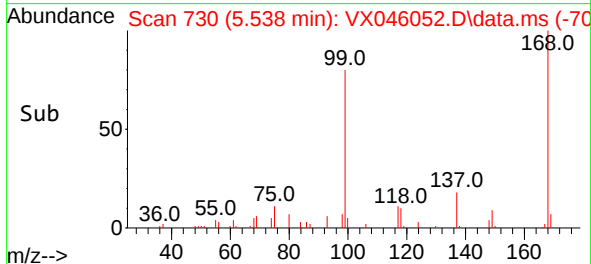
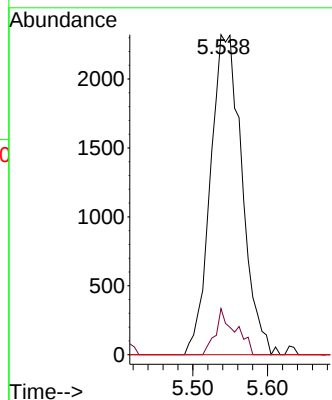
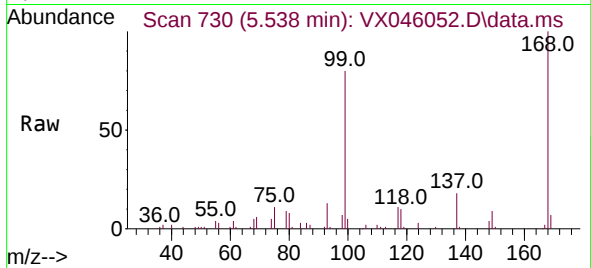




#36
1,1-Dichloropropene
Concen: 5.160 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

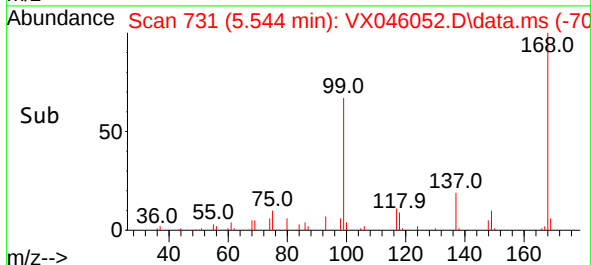
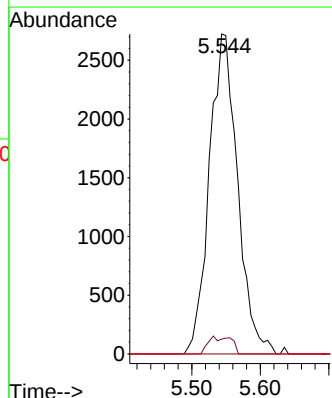
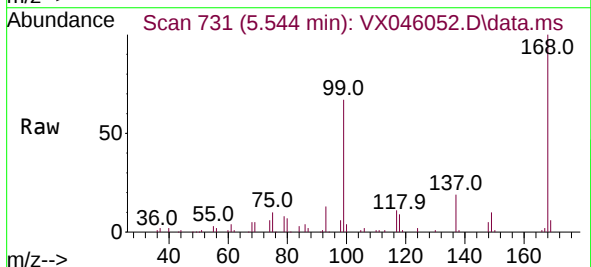
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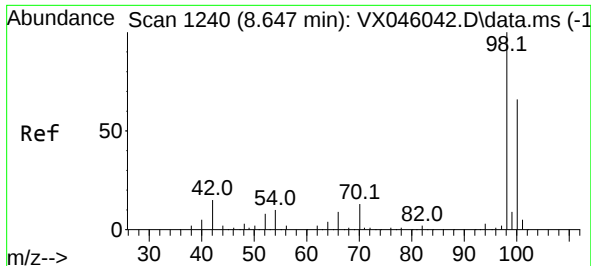
Tgt Ion: 75 Resp: 6812
Ion Ratio Lower Upper
75 100
110 9.1 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.256 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 117 Resp: 7795
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.2 36.4#

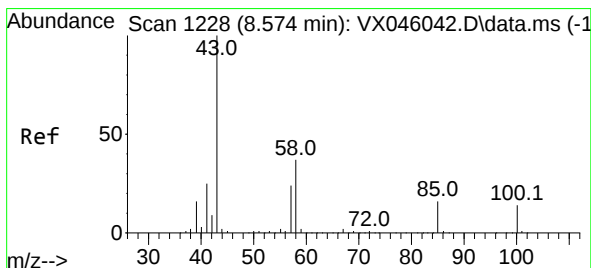
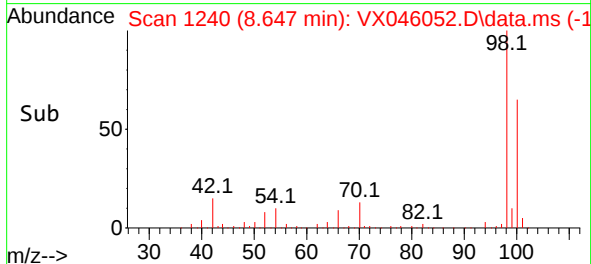
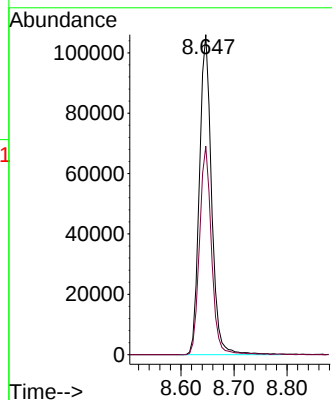
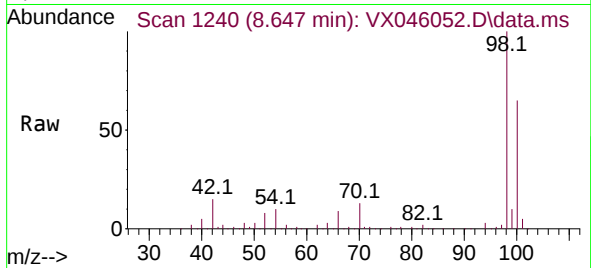




#50
Toluene-d8
Concen: 49.646 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

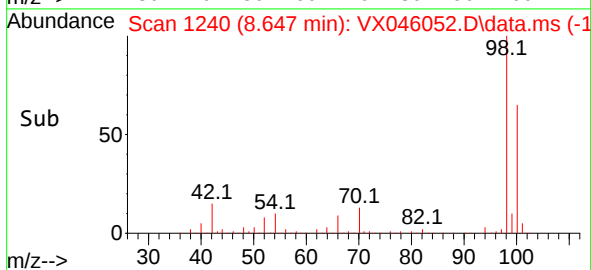
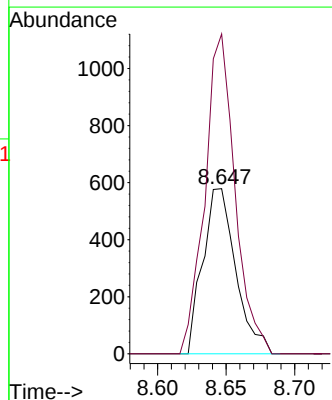
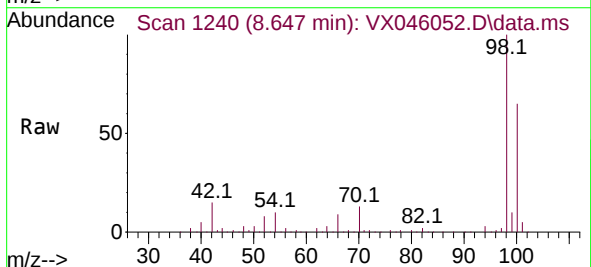
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

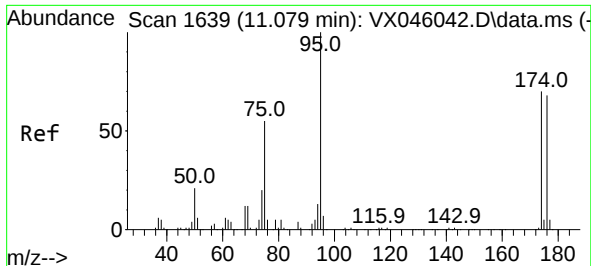
Tgt Ion: 98 Resp: 168818
Ion Ratio Lower Upper
98 100
100 64.2 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 177.4 28.9 43.3#

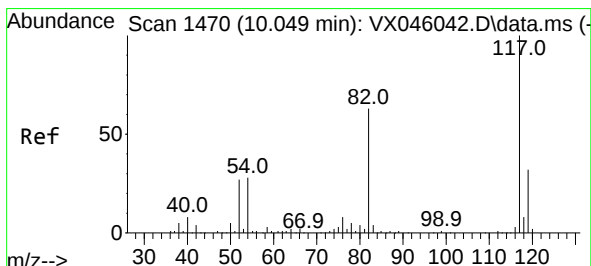
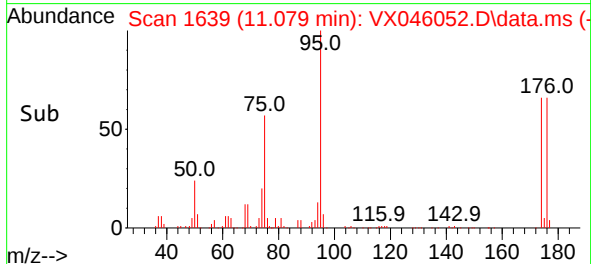
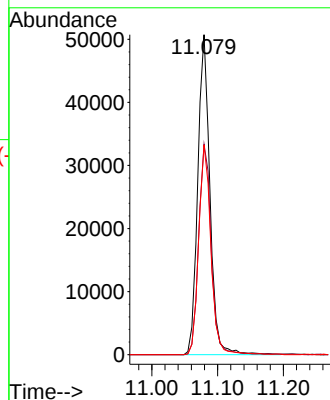
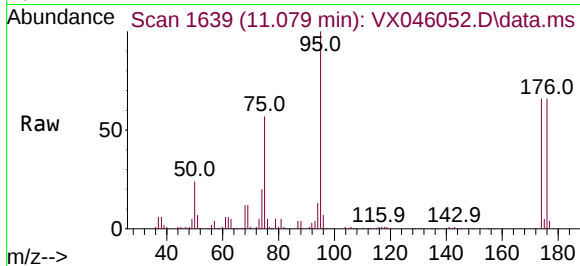




#62
4-Bromofluorobenzene
Concen: 49.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

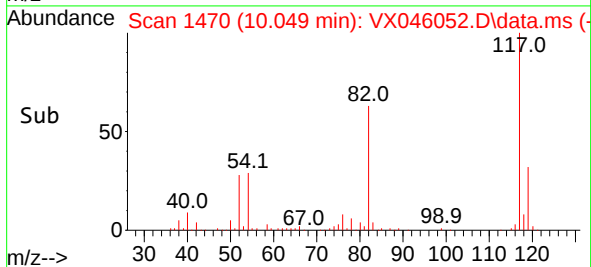
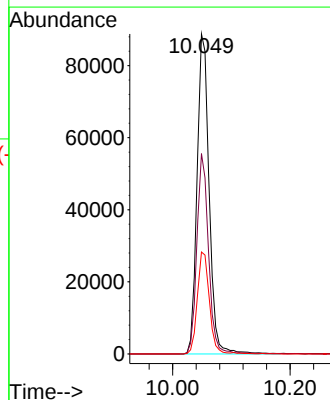
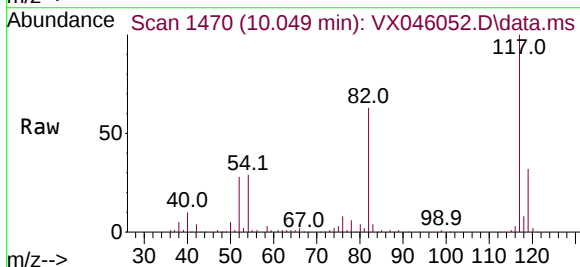
Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

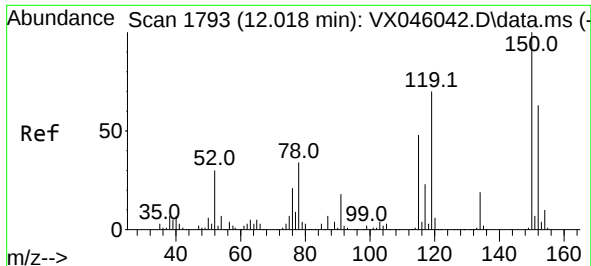
Tgt Ion: 95 Resp: 64799
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 66.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 117 Resp: 126551
Ion Ratio Lower Upper
117 100
82 62.6 50.6 76.0
119 31.8 25.8 38.6

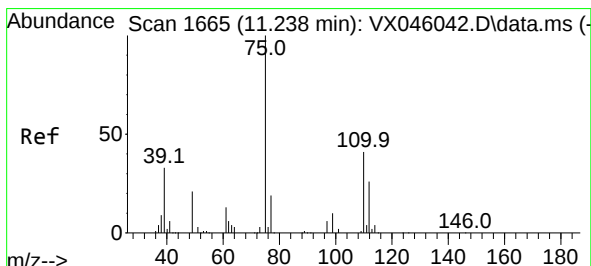
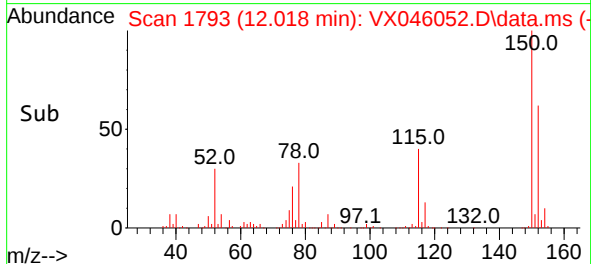
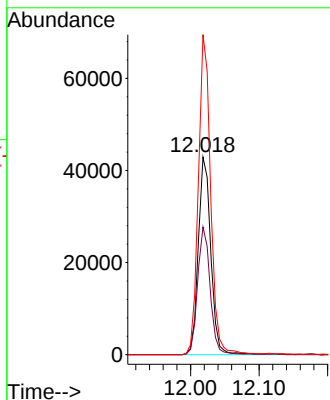
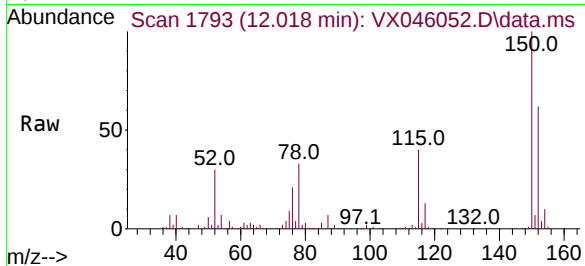




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046052.D
 Acq: 06 May 2025 10:39

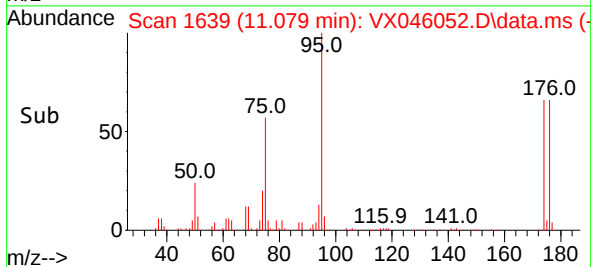
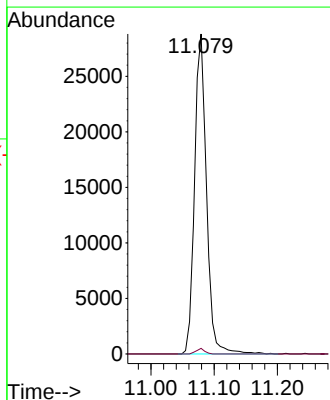
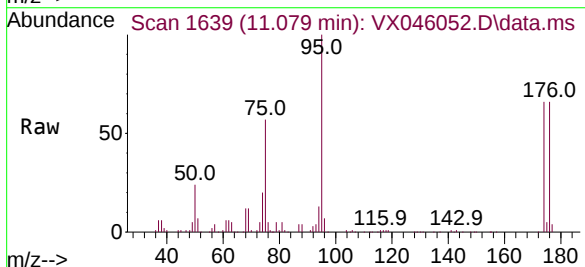
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBL01

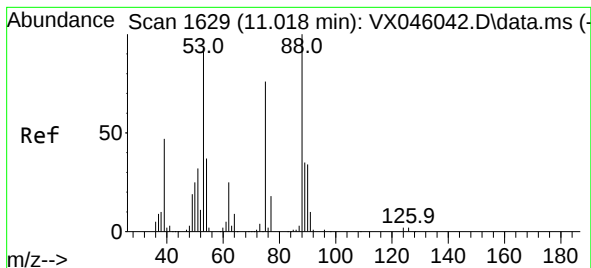
Tgt Ion:152 Resp: 54743
 Ion Ratio Lower Upper
 152 100
 115 64.8 46.9 140.7
 150 158.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.734 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046052.D
 Acq: 06 May 2025 10:39

Tgt Ion: 75 Resp: 37863
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.550 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046052.D
 Acq: 06 May 2025 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBL01

Tgt Ion: 75 Resp: 37863
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

