

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046806.D
 Acq On : 23 Jun 2025 09:52
 Operator : JC/MD
 Sample : VX0623WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBL01

Quant Time: Jun 24 03:59:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

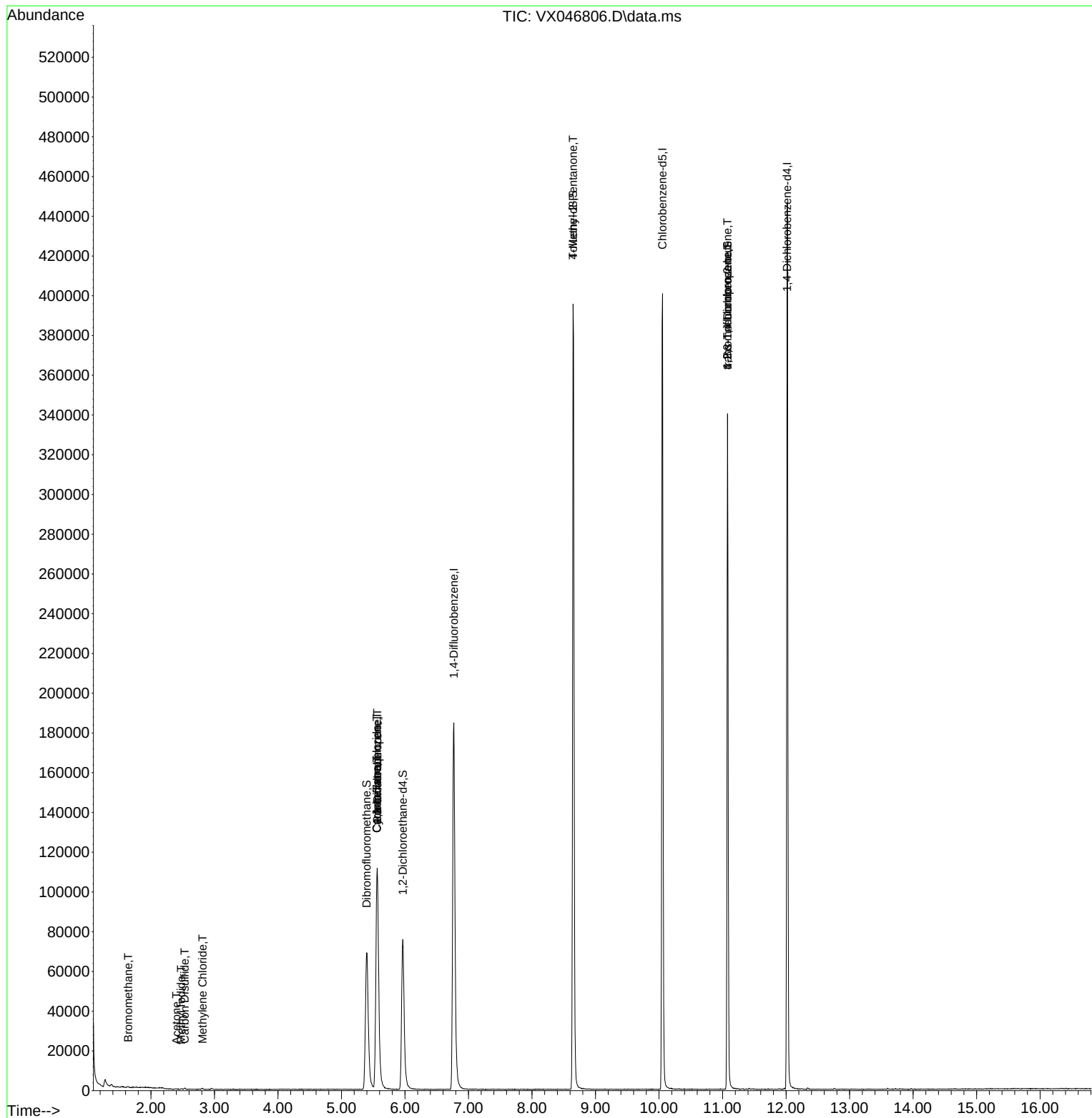
Internal Standards						
1) Pentafluorobenzene	5.562	168	116254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	204888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80176	49.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.720%
35) Dibromofluoromethane	5.397	113	67207	49.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.160%
50) Toluene-d8	8.647	98	245115	50.328	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	91216	50.243	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	189	0.235	ug/l	85
10) Methyl Iodide	2.477	142	327	4.513	ug/l #	46
16) Acetone	2.398	43	273	0.509	ug/l #	68
17) Carbon Disulfide	2.532	76	788	0.203	ug/l #	74
20) Methylene Chloride	2.812	84	306	0.205	ug/l #	73
31) Cyclohexane	5.556	56	2483	1.031	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	9274	4.739	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12189	5.740	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1117	0.663	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45999	27.390	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45999	77.421	ug/l #	7

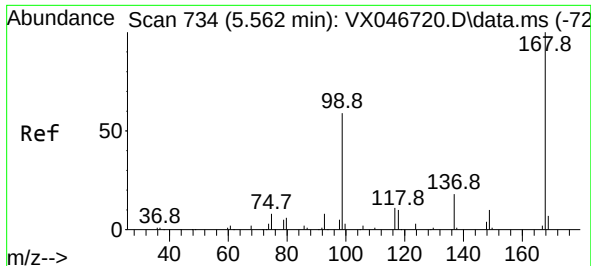
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
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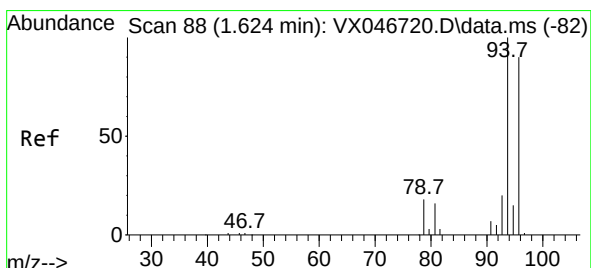
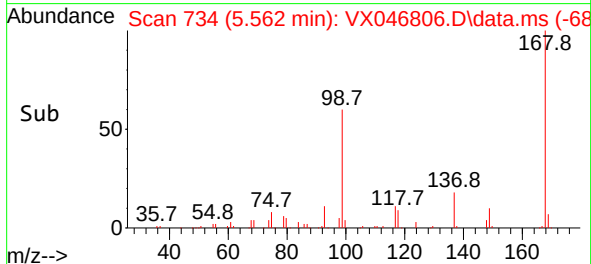
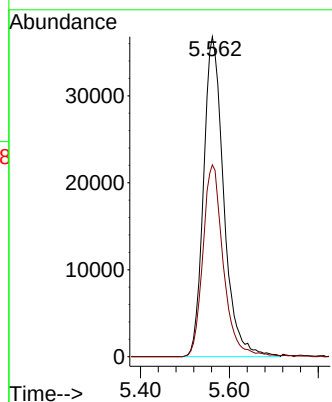
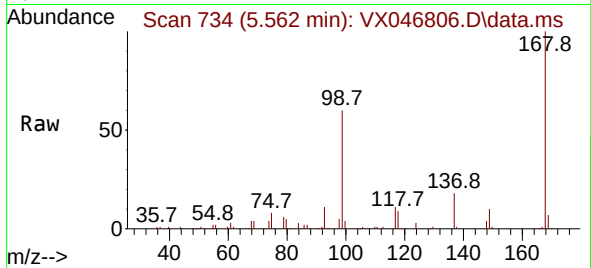




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

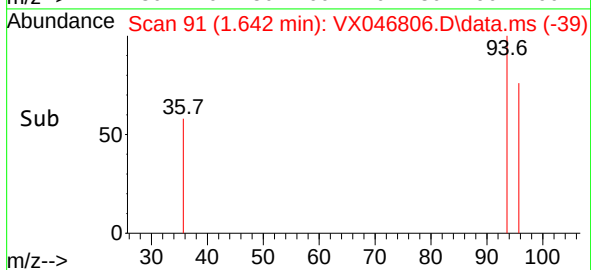
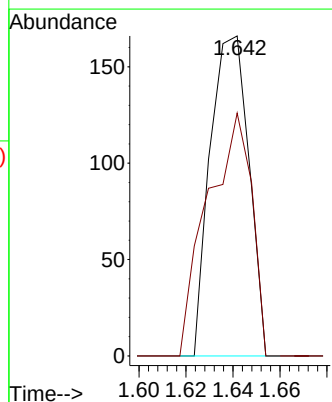
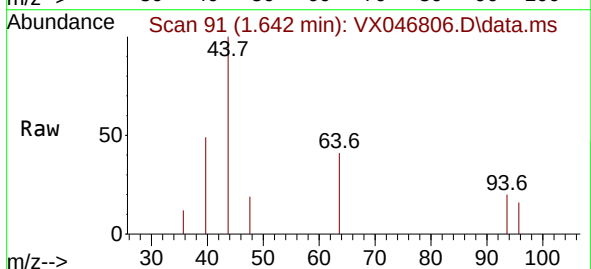
Instrument :
MSVOA_X
ClientSampleId :
VX0623WBL01

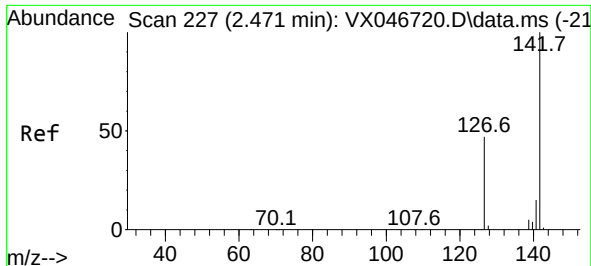
Tgt Ion:168 Resp: 116254
Ion Ratio Lower Upper
168 100
99 59.9 48.5 72.7



#5
Bromomethane
Concen: 0.235 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

Tgt Ion: 94 Resp: 189
Ion Ratio Lower Upper
94 100
96 75.9 72.3 108.5

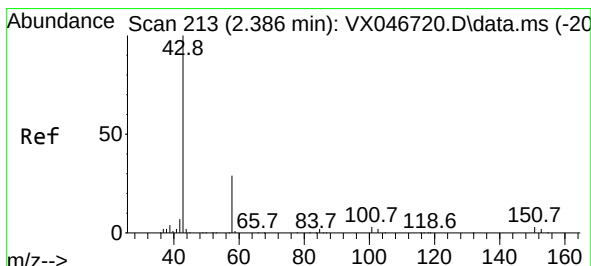
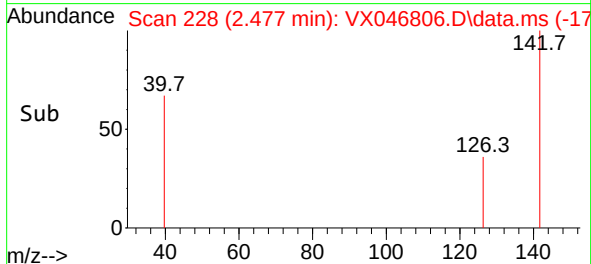
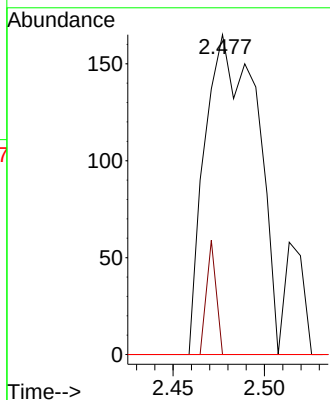
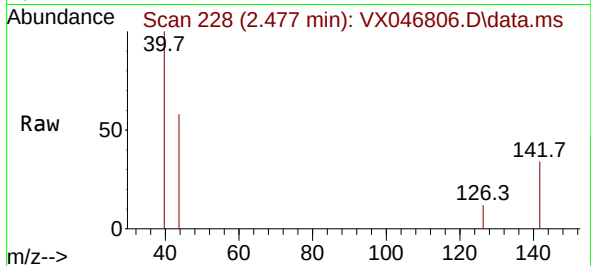




#10
Methyl Iodide
Concen: 4.513 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

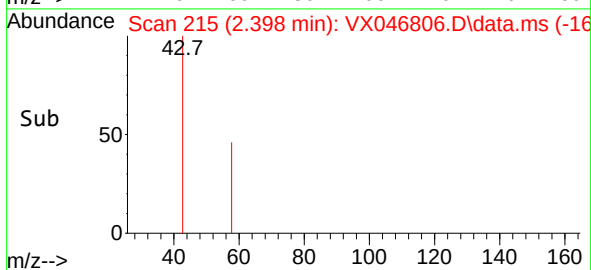
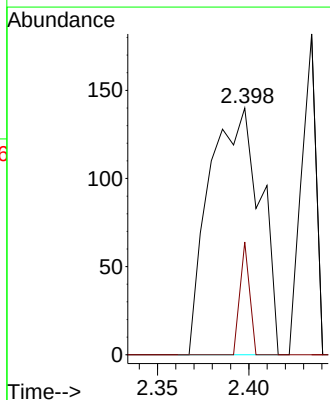
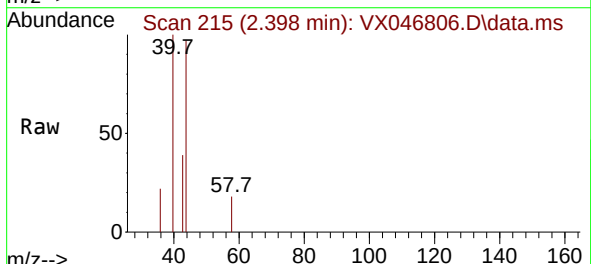
Instrument :
MSVOA_X
ClientSampleId :
VX0623WBL01

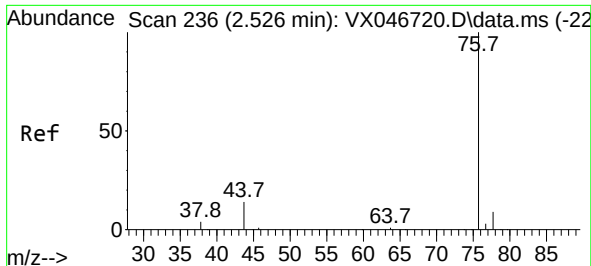
Tgt Ion:142 Resp: 327
Ion Ratio Lower Upper
142 100
127 6.7 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.509 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
58 13.1 24.5 36.7#

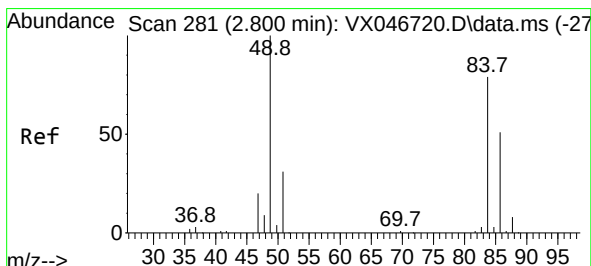
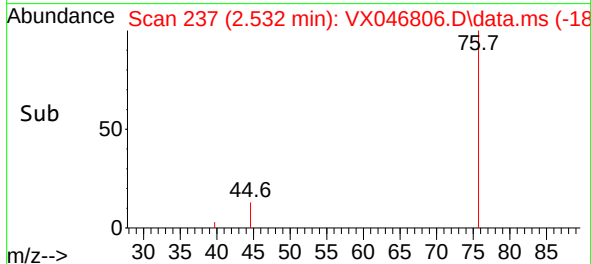
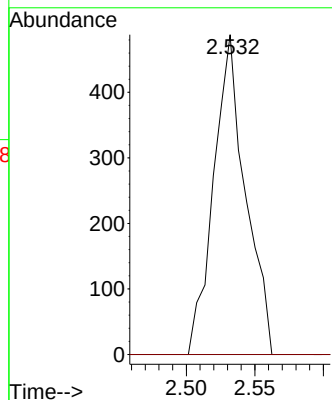
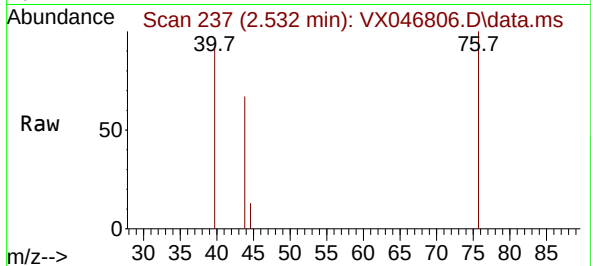




#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

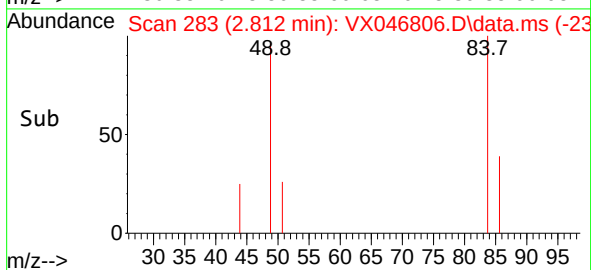
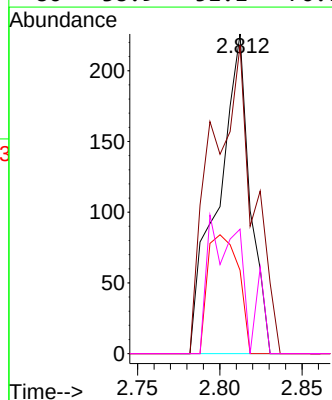
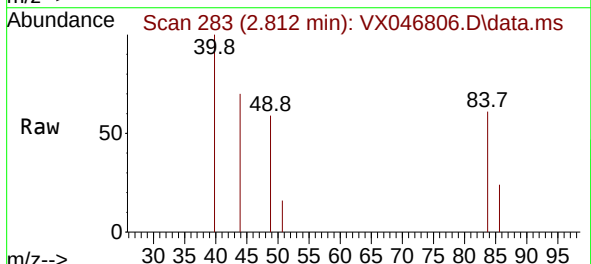
Instrument :
MSVOA_X
ClientSampleId :
VX0623WBL01

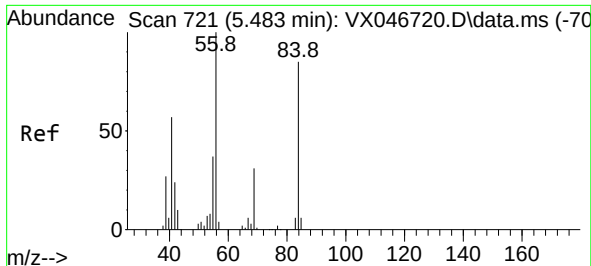
Tgt Ion: 76 Resp: 788
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.012 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

Tgt Ion: 84 Resp: 306
Ion Ratio Lower Upper
84 100
49 96.5 101.3 151.9#
51 26.1 31.0 46.6#
86 38.9 51.1 76.7#

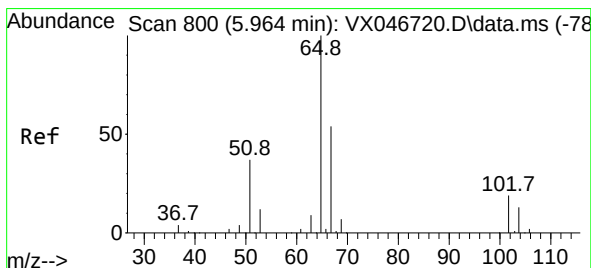
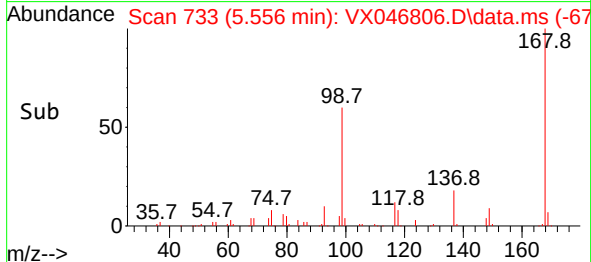
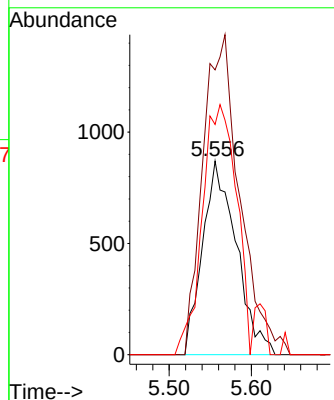
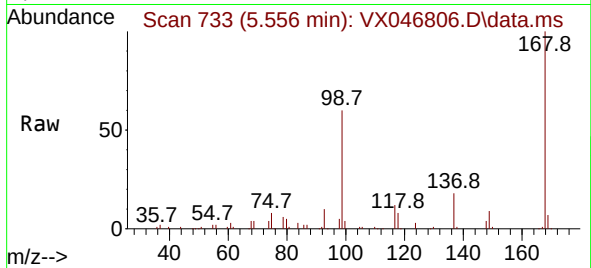




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

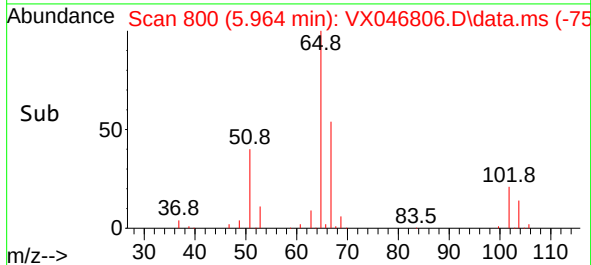
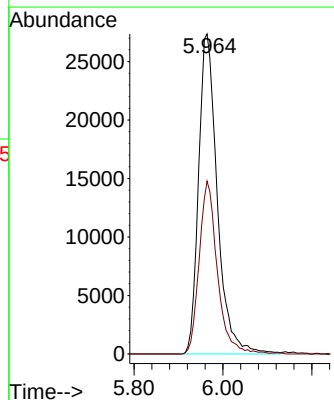
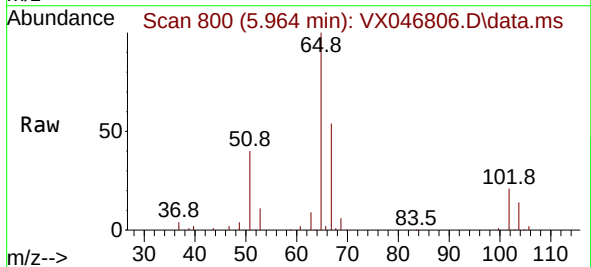
Instrument :
MSVOA_X
ClientSampleId :
VX0623WBL01

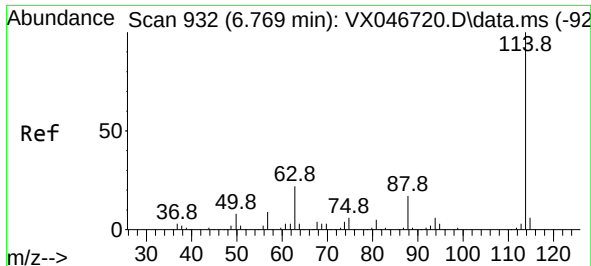
Tgt Ion: 56 Resp: 2483
Ion Ratio Lower Upper
56 100
69 147.1 24.8 37.2#
84 119.0 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 49.861 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

Tgt Ion: 65 Resp: 80176
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

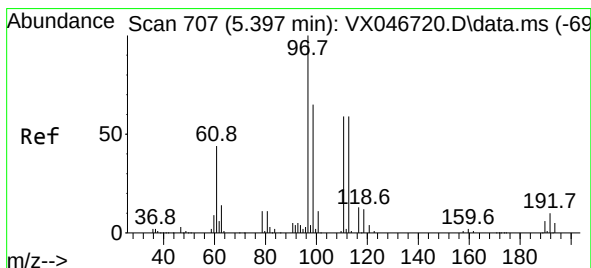
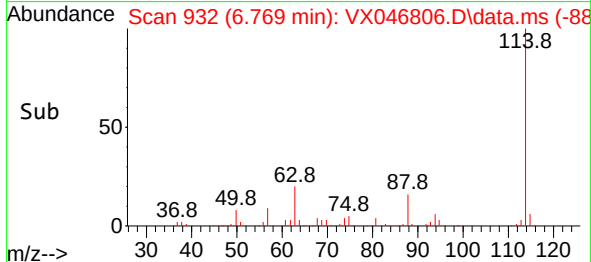
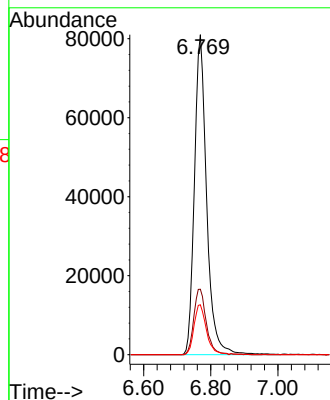
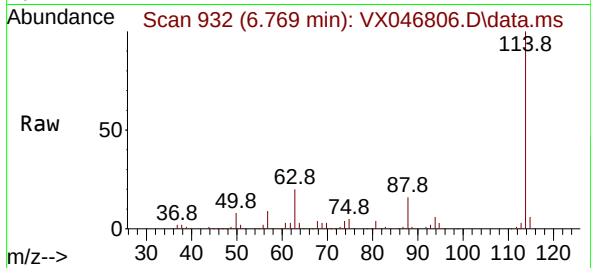




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

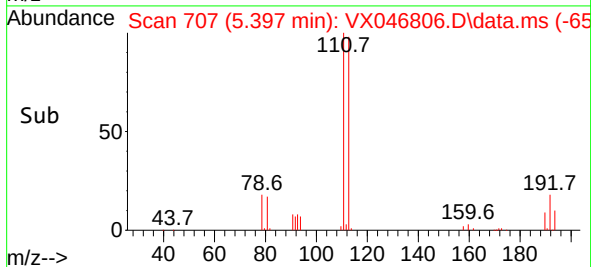
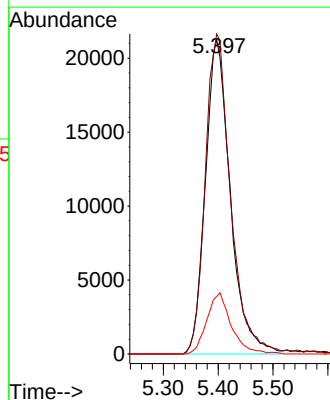
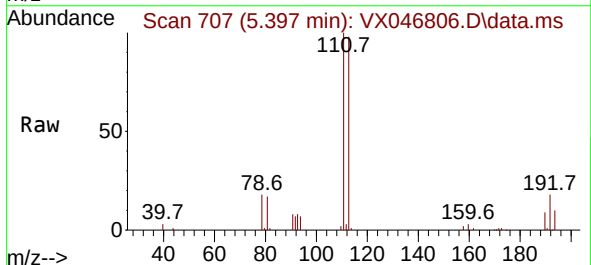
Instrument :
MSVOA_X
ClientSampleId :
VX0623WBL01

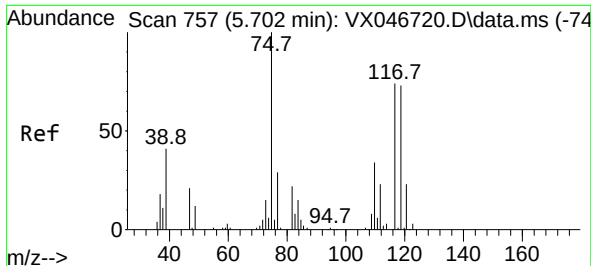
Tgt Ion:114 Resp: 204888
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.2
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.577 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

Tgt Ion:113 Resp: 67207
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 19.1 15.3 22.9

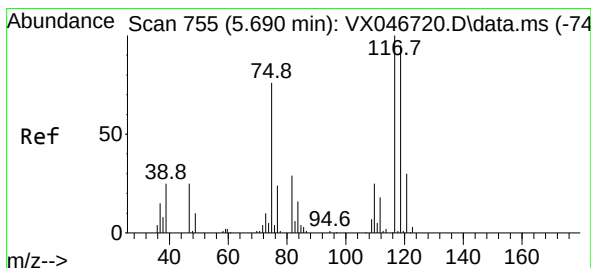
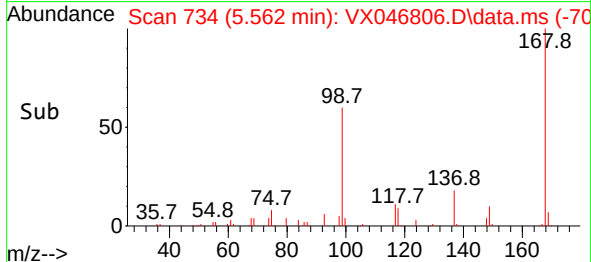
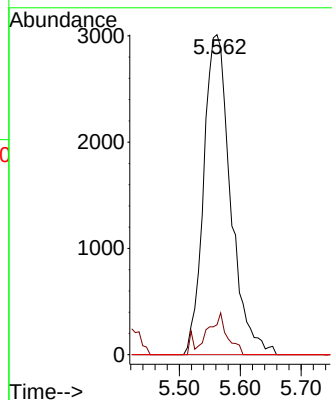
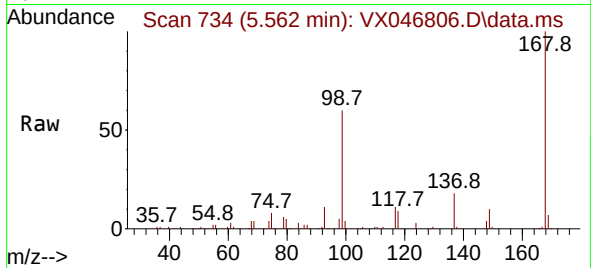




#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

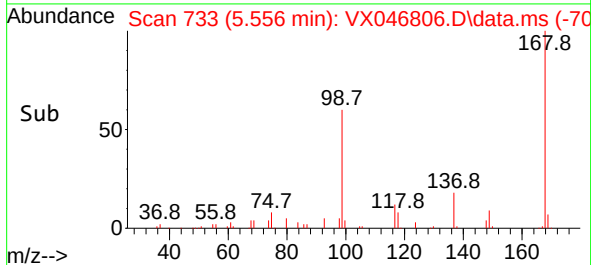
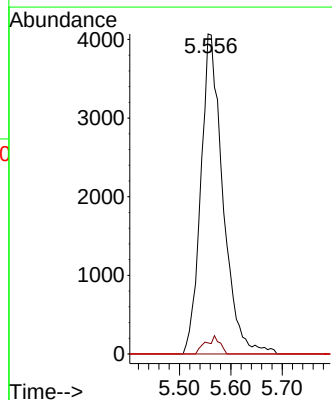
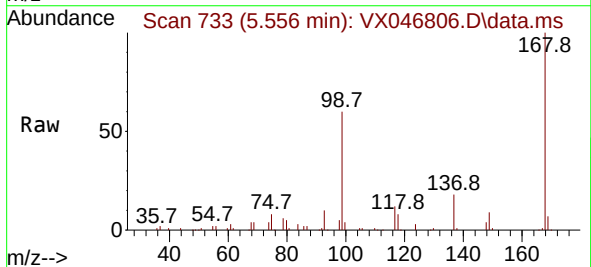
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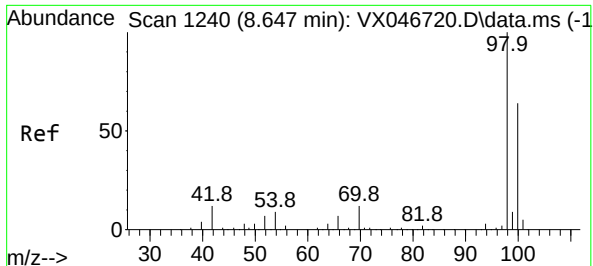
Tgt Ion: 75 Resp: 9274
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

Tgt Ion: 117 Resp: 12189
Ion Ratio Lower Upper
117 100
119 3.5 75.2 112.8#
121 0.0 24.1 36.1#

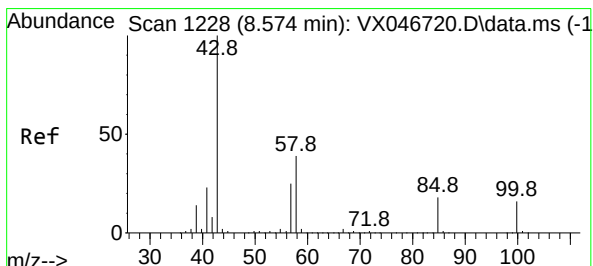
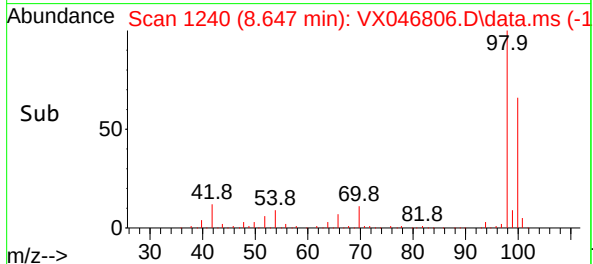
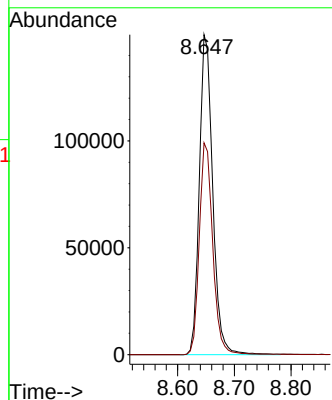
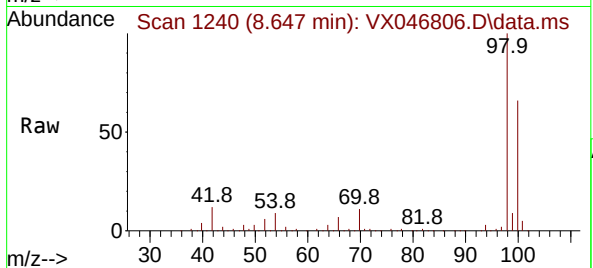




#50
Toluene-d8
Concen: 50.328 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

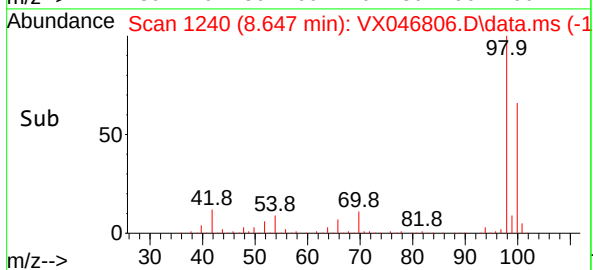
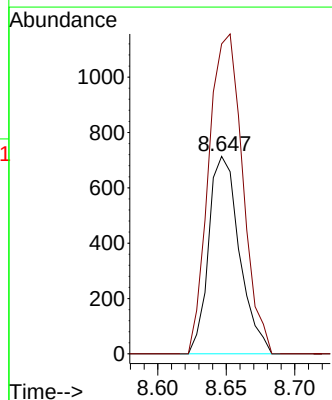
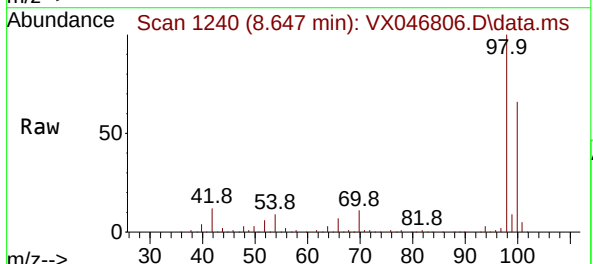
Instrument :
MSVOA_X
ClientSampleId :
VX0623WBL01

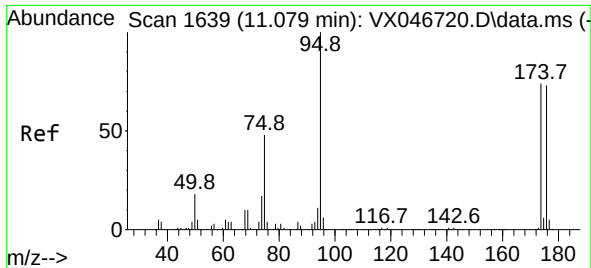
Tgt Ion: 98 Resp: 245115
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.663 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 178.5 30.8 46.2#

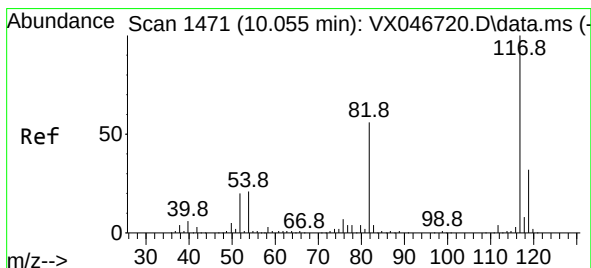
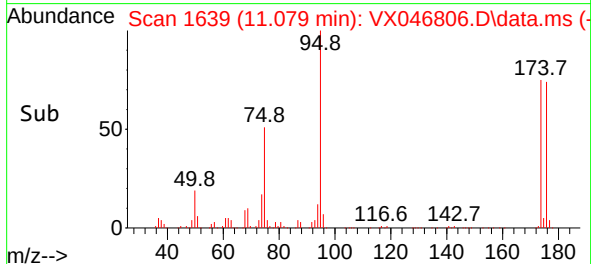
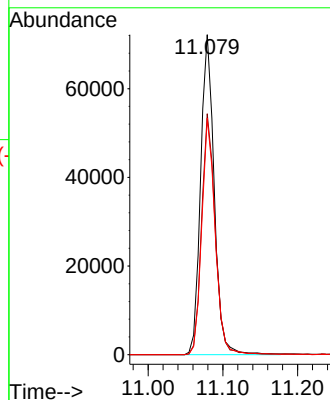
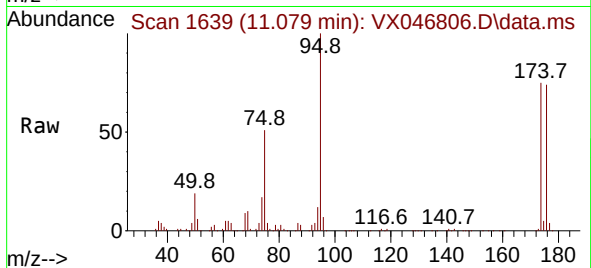




#62
4-Bromofluorobenzene
Concen: 50.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

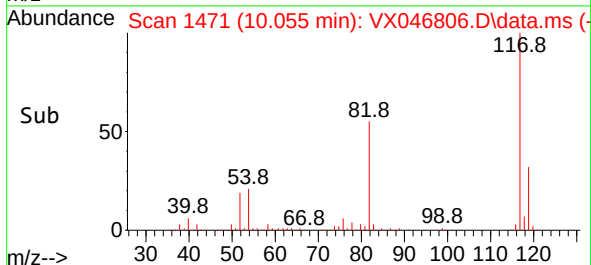
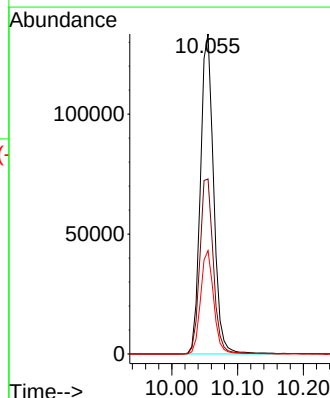
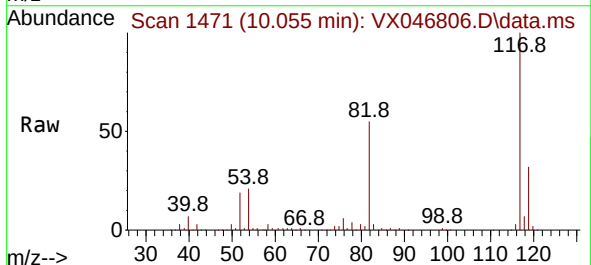
Instrument :
MSVOA_X
ClientSampleId :
VX0623WBL01

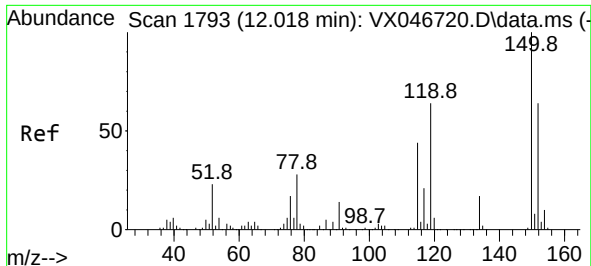
Tgt Ion: 95 Resp: 91216
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 73.1 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046806.D
Acq: 23 Jun 2025 09:52

Tgt Ion: 117 Resp: 186128
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 32.3 25.8 38.8

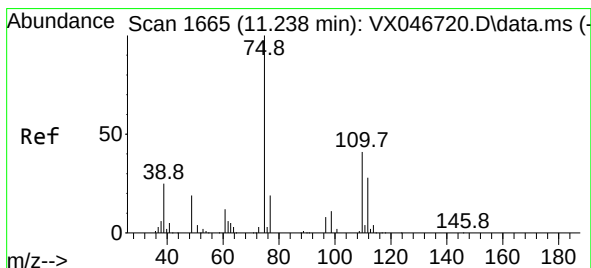
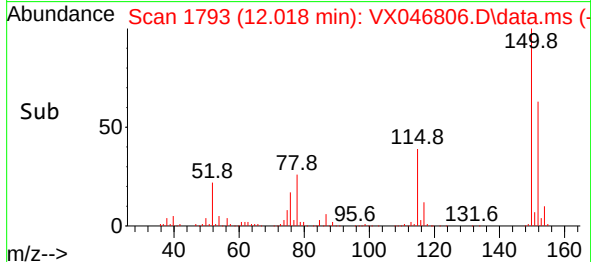
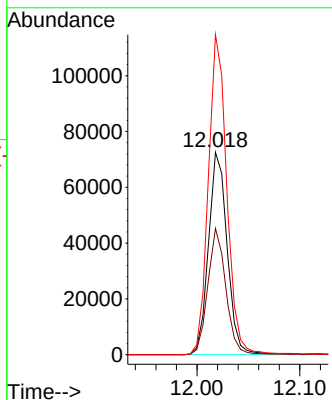
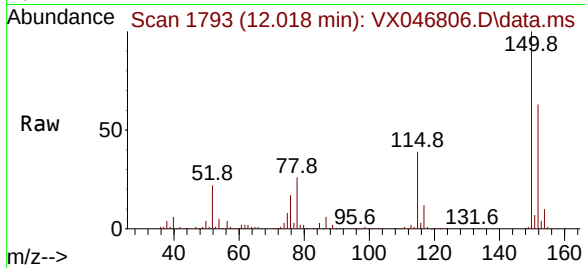




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046806.D
 Acq: 23 Jun 2025 09:52

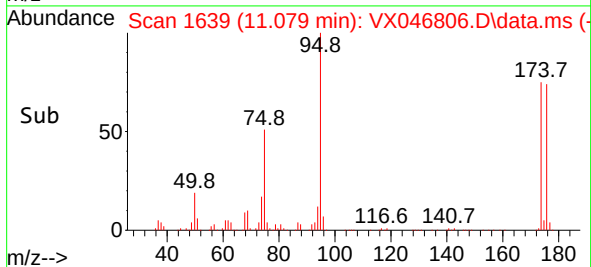
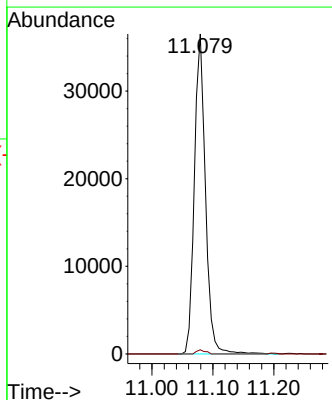
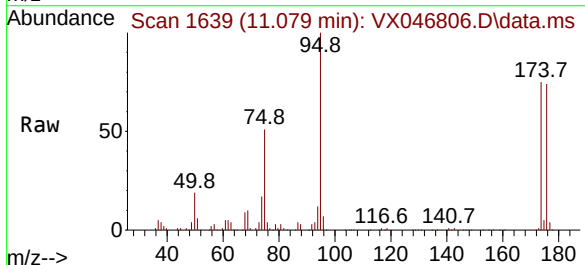
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBL01

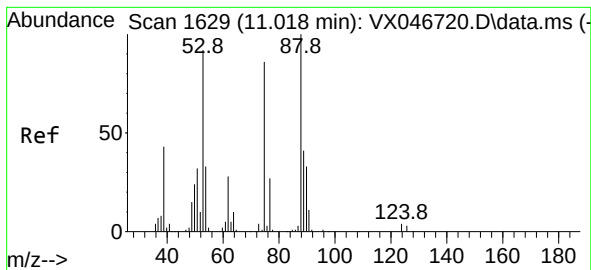
Tgt Ion:152 Resp: 91694
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.2 129.6
 150 156.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 27.390 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046806.D
 Acq: 23 Jun 2025 09:52

Tgt Ion: 75 Resp: 45999
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.421 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046806.D
 Acq: 23 Jun 2025 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBL01

Tgt Ion: 75 Resp: 45999
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

