

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048458.D
 Acq On : 03 Nov 2025 15:41
 Operator : JC/MD
 Sample : Q3422-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:15:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

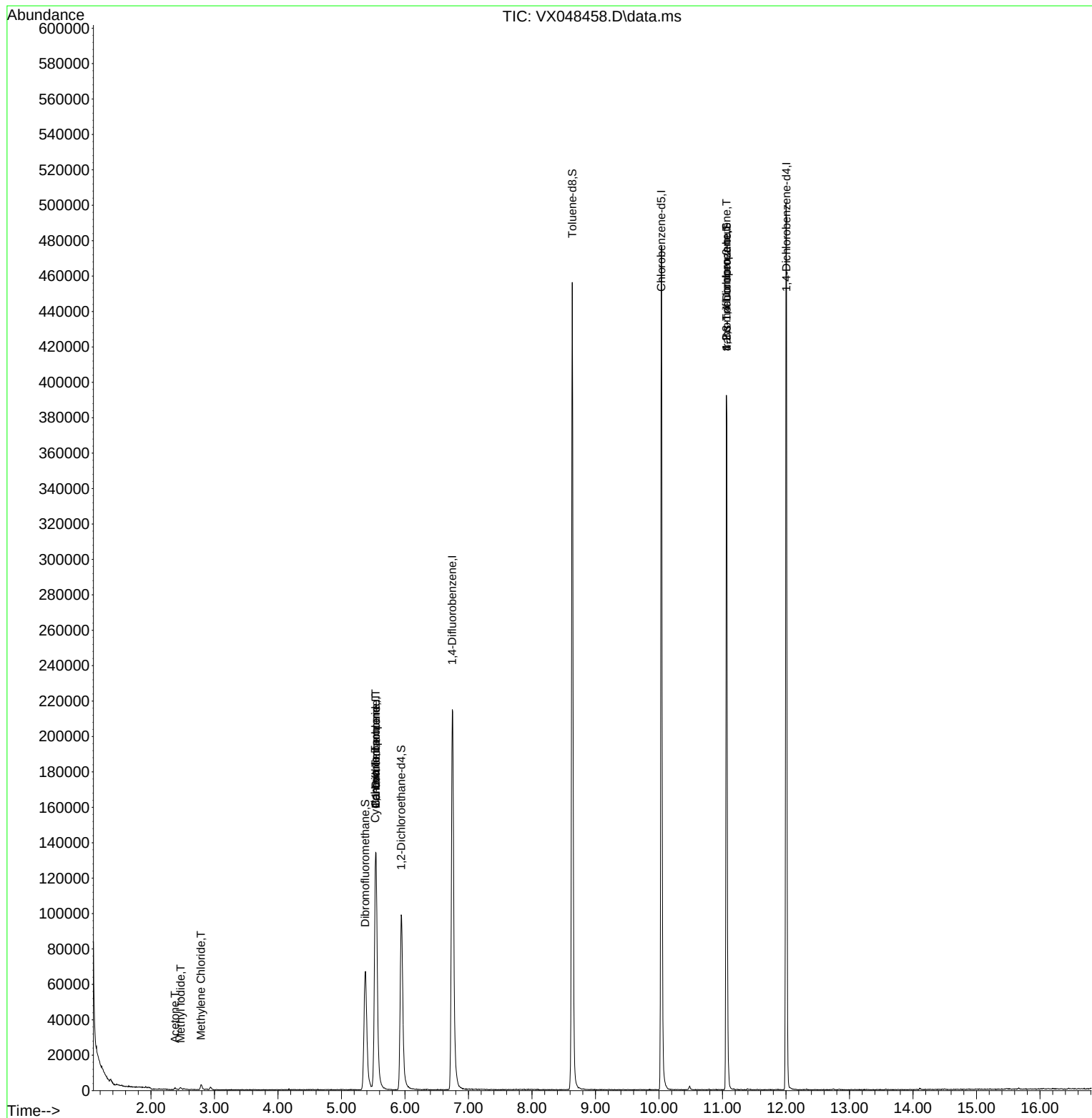
Internal Standards						
1) Pentafluorobenzene	5.544	168	134520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	239042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	216803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112631	58.219	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 116.440%		
35) Dibromofluoromethane	5.373	113	64704	47.476	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.960%		
50) Toluene-d8	8.635	98	272189	45.244	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 90.480%#		
62) 4-Bromofluorobenzene	11.061	95	108248	48.100	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.200%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	1373	0.222	ug/l #	93
16) Acetone	2.380	43	1529	3.487	ug/l	91
20) Methylene Chloride	2.788	84	1507	0.892	ug/l #	75
31) Cyclohexane	5.532	56	3263	1.220	ug/l #	14
36) 1,1-Dichloropropene	5.538	75	11889	5.195	ug/l #	50
38) Carbon Tetrachloride	5.538	117	14989	5.672	ug/l #	15
76) 1,2,3-Trichloropropane	11.061	75	61036	39.836	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	61036	137.855	ug/l #	10

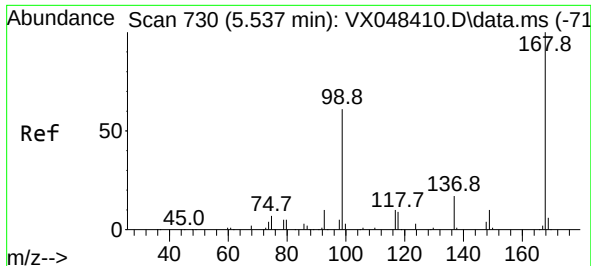
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

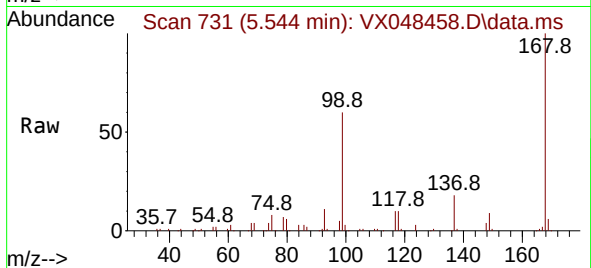
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



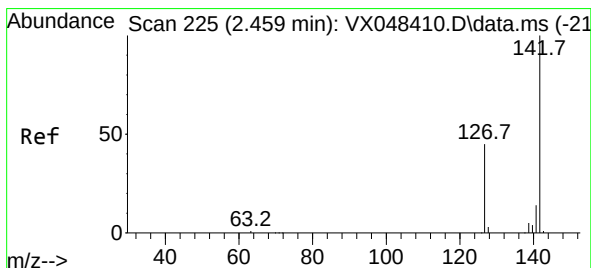
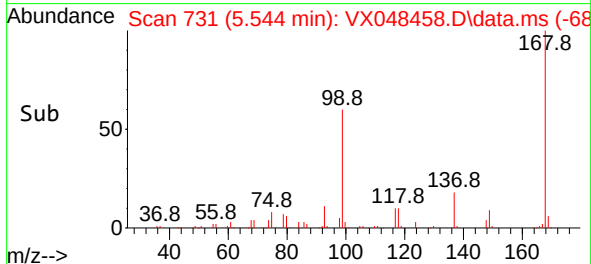
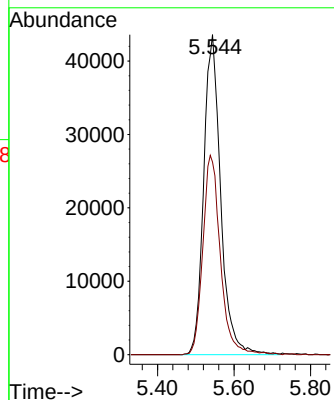


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :

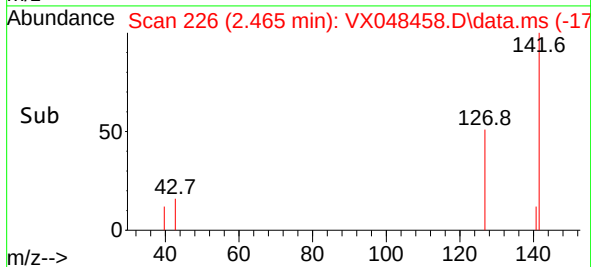
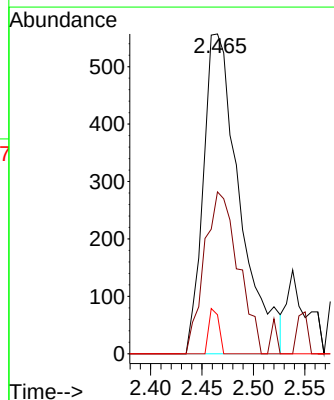
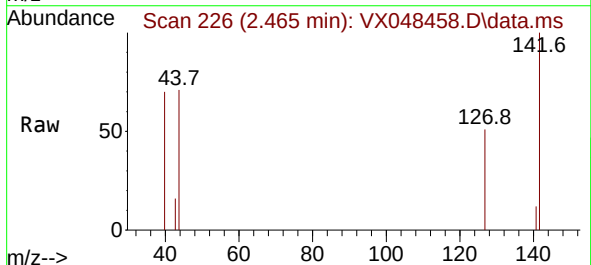


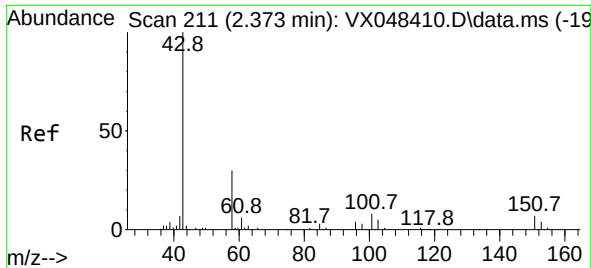
Tgt Ion:168 Resp: 134520
Ion Ratio Lower Upper
168 100
99 60.2 46.4 69.6



#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Tgt Ion:142 Resp: 1373
Ion Ratio Lower Upper
142 100
127 47.1 38.5 57.7
141 3.9 11.6 17.4#

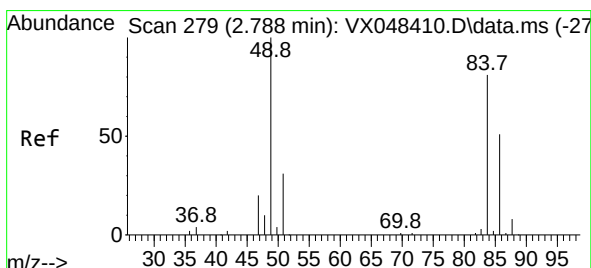
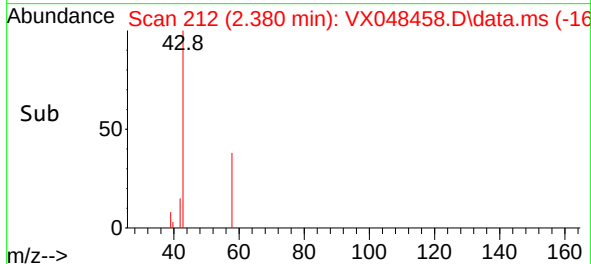
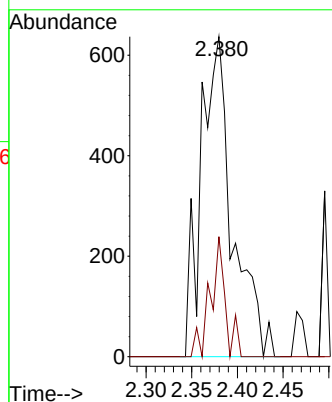
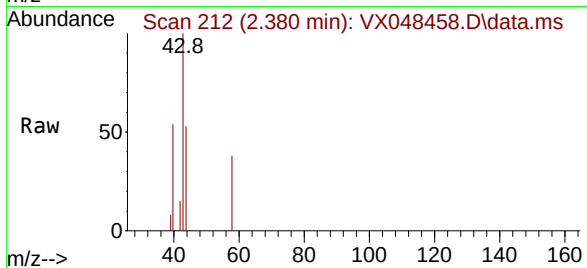




#16
Acetone
Concen: 3.487 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

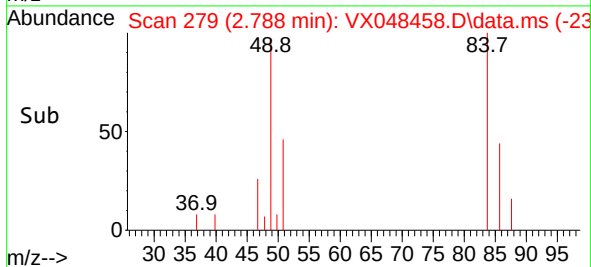
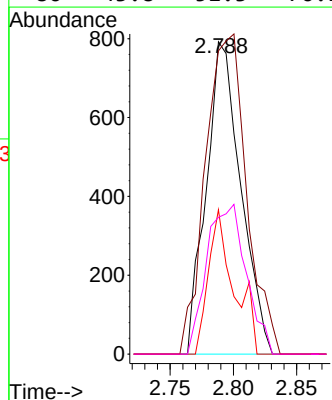
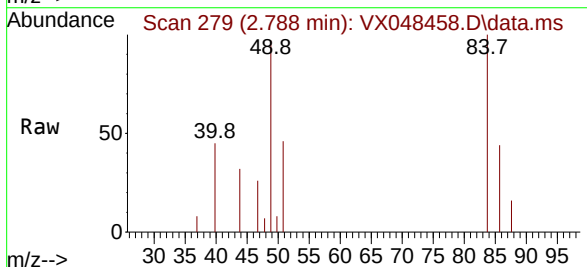
Instrument :
MSVOA_X
ClientSampleId :

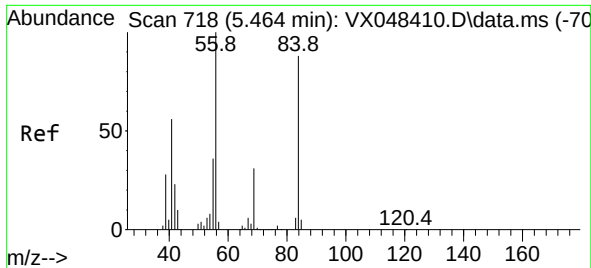
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 24.6 23.4 35.2



#20
Methylene Chloride
Concen: 0.892 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Tgt Ion: 84 Resp: 1507
Ion Ratio Lower Upper
84 100
49 97.1 104.1 156.1#
51 46.2 31.3 46.9
86 43.8 51.3 76.9#

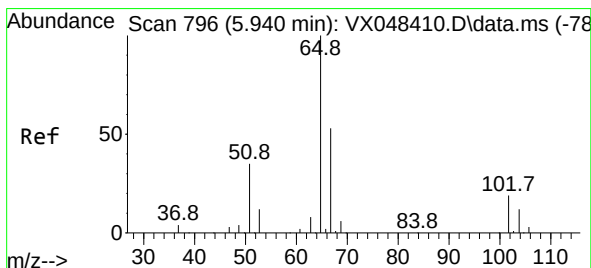
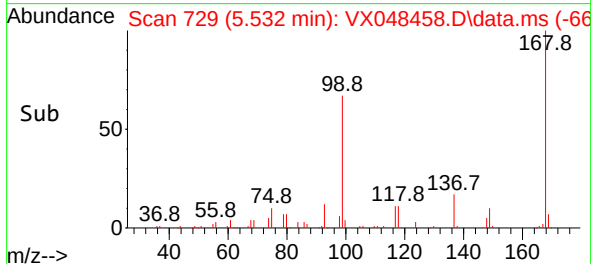
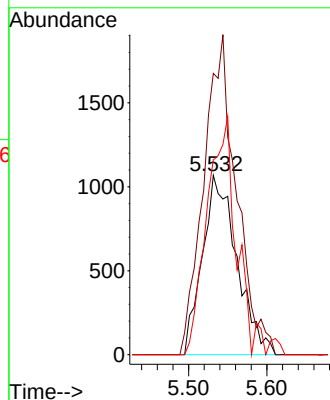
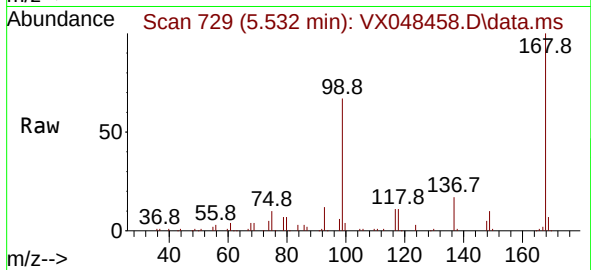




#31
Cyclohexane
Concen: 1.220 ug/l
RT: 5.532 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

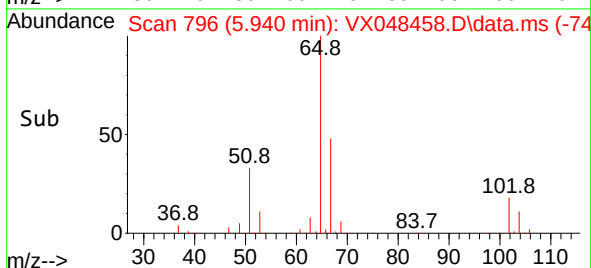
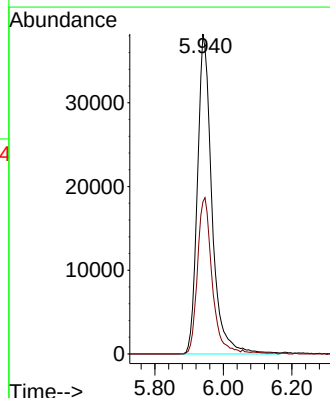
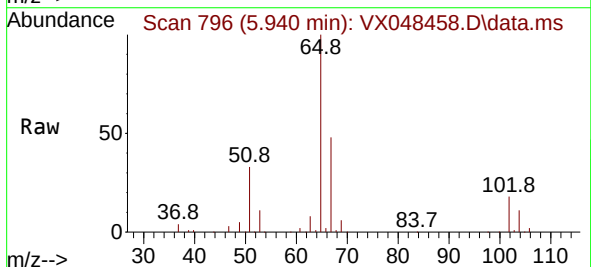
Instrument :
MSVOA_X
ClientSampleId :

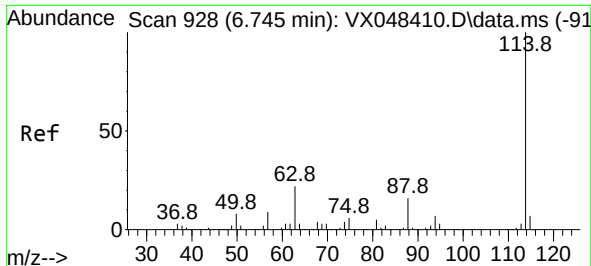
Tgt Ion: 56 Resp: 3263
Ion Ratio Lower Upper
56 100
69 156.8 23.0 34.6#
84 108.6 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 58.219 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Tgt Ion: 65 Resp: 112631
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.0

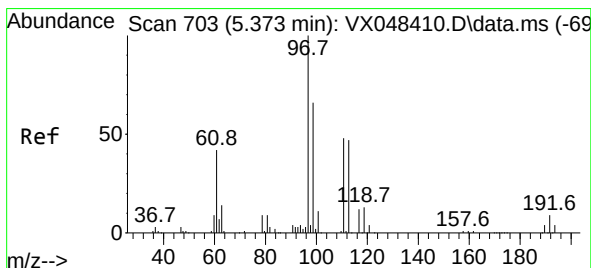
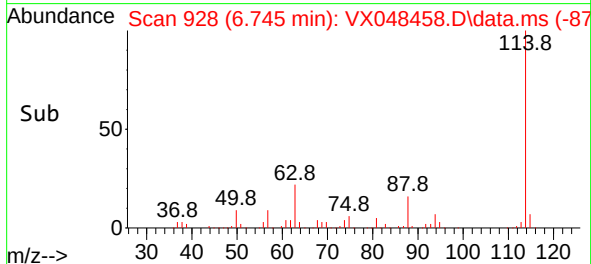
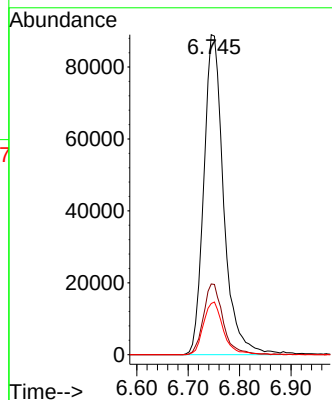
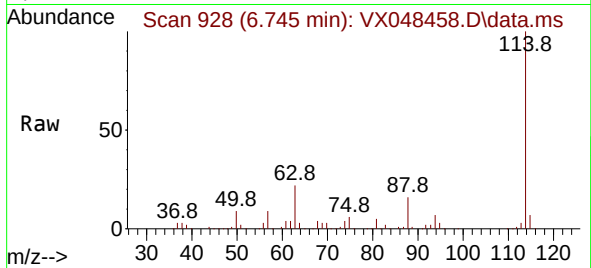




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

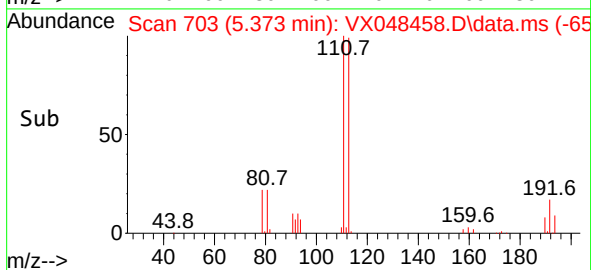
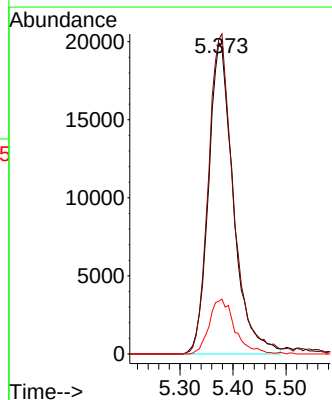
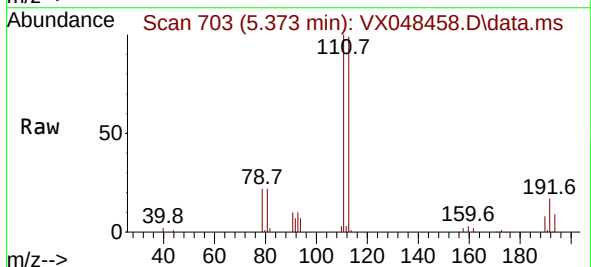
Instrument :
MSVOA_X
ClientSampleId :

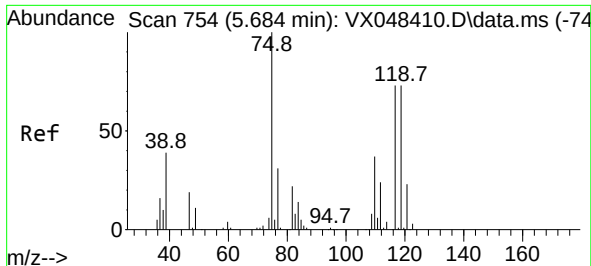
Tgt Ion:114 Resp: 239042
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.2
88 16.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 47.476 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Tgt Ion:113 Resp: 64704
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 18.1 15.1 22.7

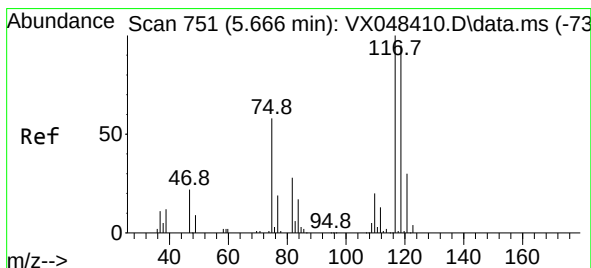
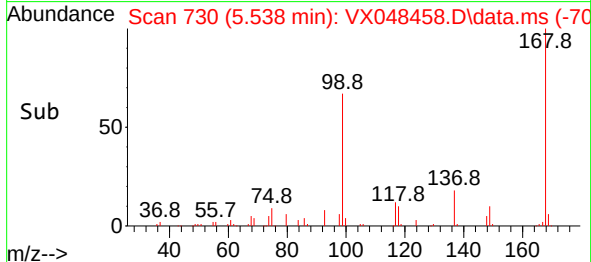
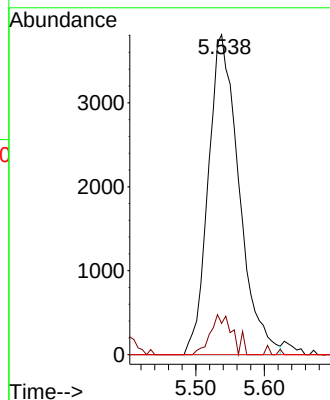
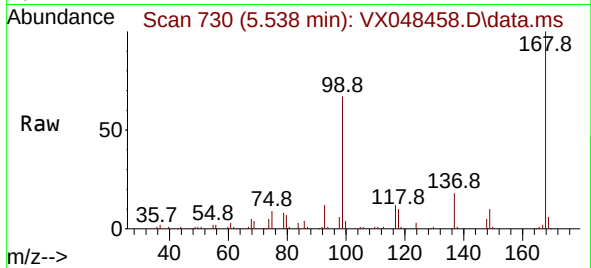




#36
1,1-Dichloropropene
Concen: 5.195 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

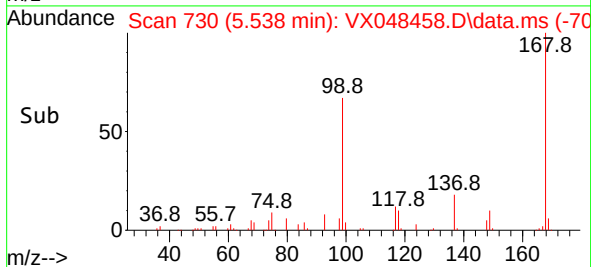
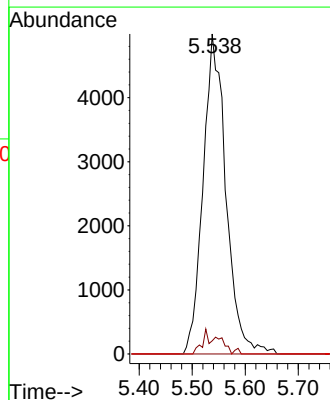
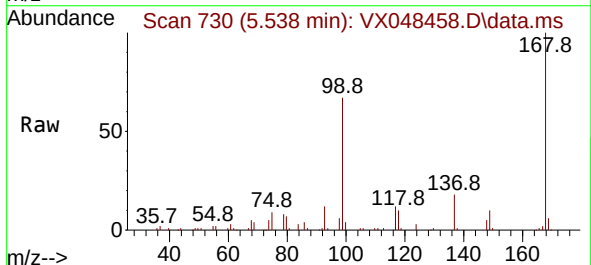
Instrument :
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ClientSampleId :

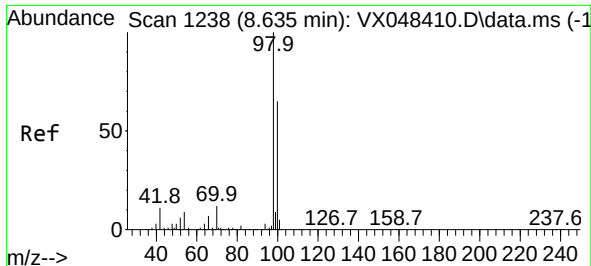
Tgt Ion: 75 Resp: 11889
Ion Ratio Lower Upper
75 100
110 9.0 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Tgt Ion: 117 Resp: 14989
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.8 37.2#

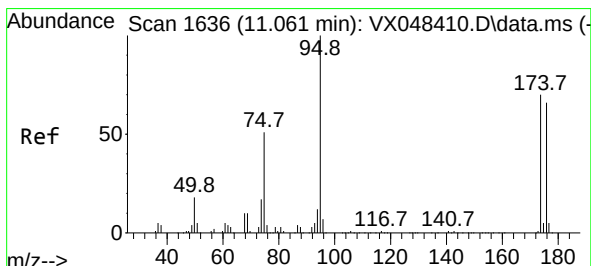
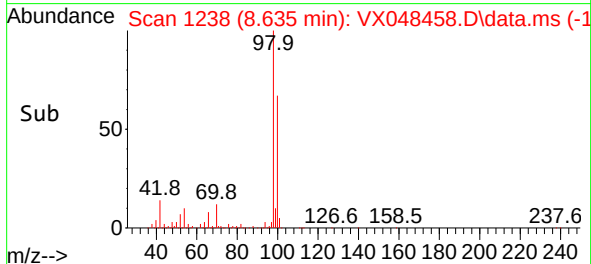
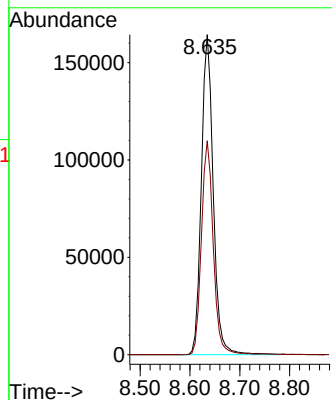
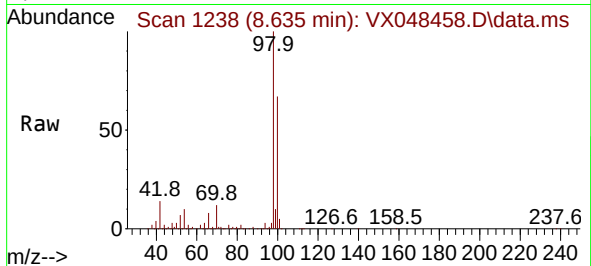




#50
Toluene-d8
Concen: 45.244 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

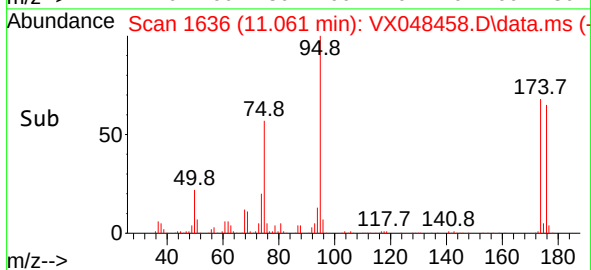
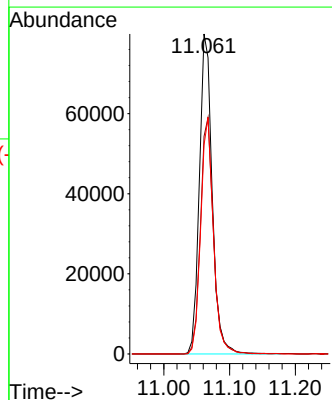
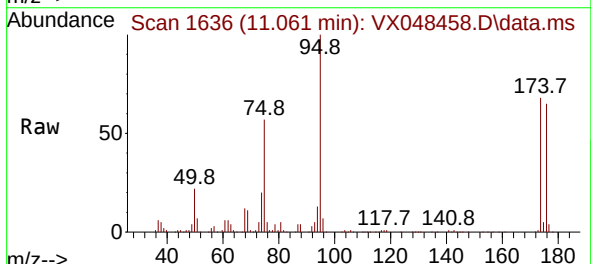
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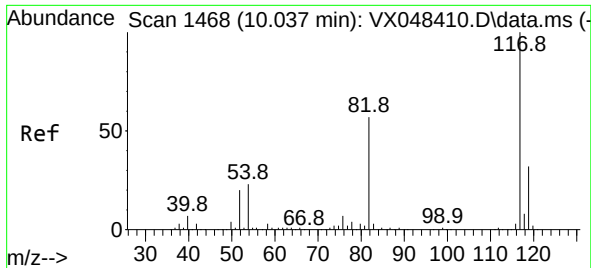
Tgt Ion: 98 Resp: 272189
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.100 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Tgt Ion: 95 Resp: 108248
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.8
176 73.0 0.0 142.8

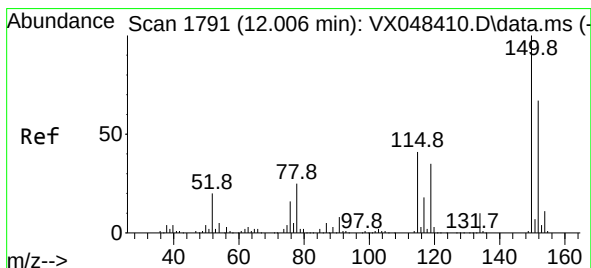
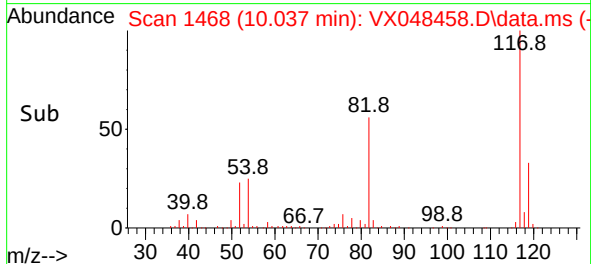
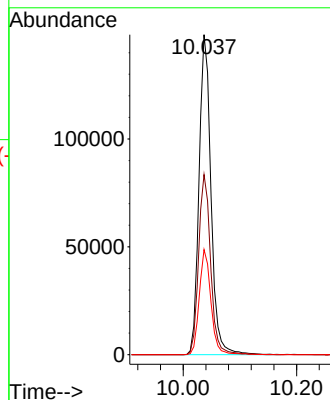
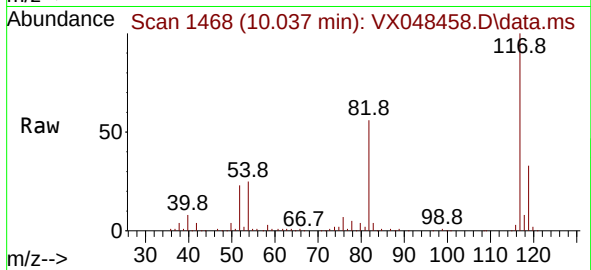




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

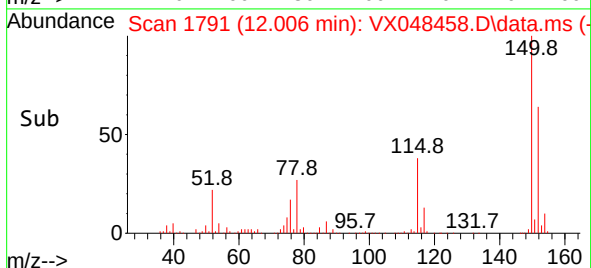
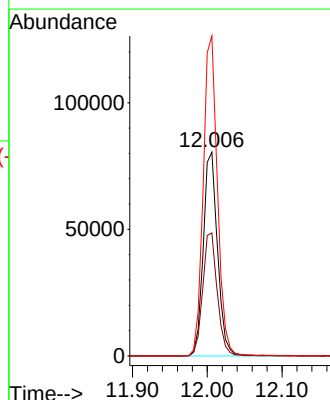
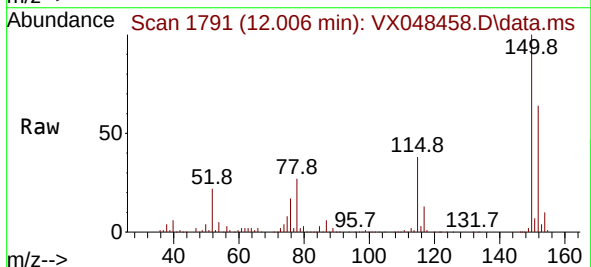
Instrument :
MSVOA_X
ClientSampleId :

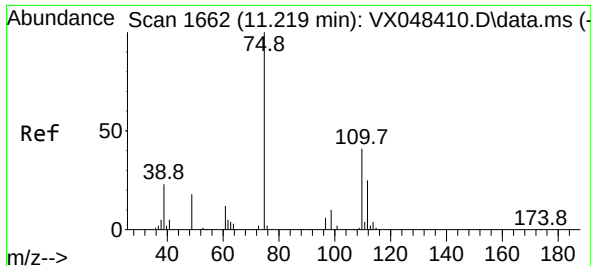
Tgt Ion:117 Resp: 216803
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Tgt Ion:152 Resp: 106541
Ion Ratio Lower Upper
152 100
115 61.8 43.1 129.4
150 157.0 0.0 353.0

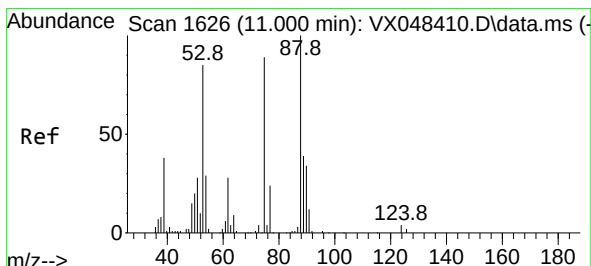
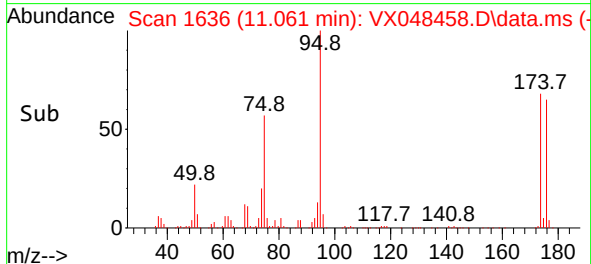
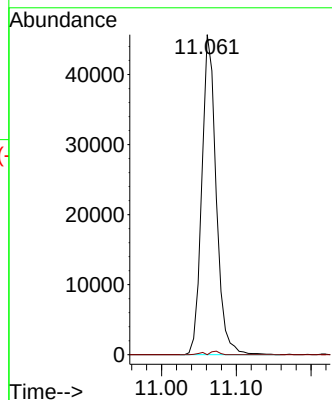
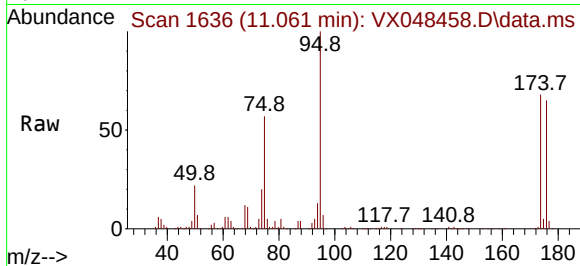




#76
1,2,3-Trichloropropane
Concen: 39.836 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61036
Ion Ratio Lower Upper
75 100
77 1.0 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.855 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048458.D
Acq: 03 Nov 2025 15:41

Tgt Ion: 75 Resp: 61036
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

