

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048246.D
 Acq On : 20 Oct 2025 18:02
 Operator : JC/MD
 Sample : Q3371-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-920-922

Quant Time: Oct 25 03:41:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

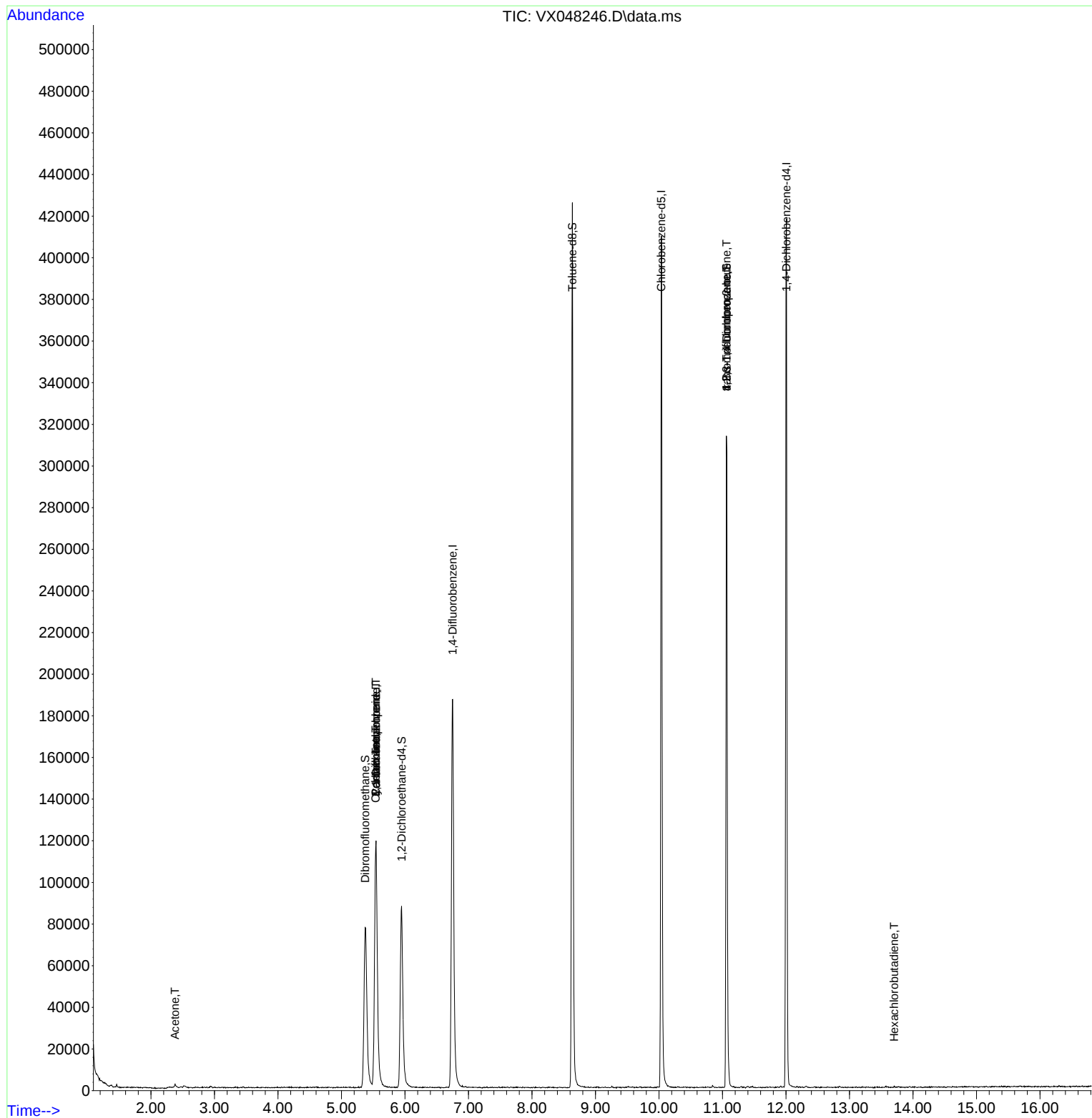
Internal Standards						
1) Pentafluorobenzene	5.544	168	122446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	210478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	193818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	92863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95954	55.892	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.780%	
35) Dibromofluoromethane	5.373	113	76505	53.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.480%	
50) Toluene-d8	8.635	98	258724	51.369	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	11.061	95	93348	48.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.440%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1677	2.847	ug/l	95
31) Cyclohexane	5.538	56	2509	1.177	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9369	4.587	ug/l #	49
38) Carbon Tetrachloride	5.544	117	12631	5.013	ug/l #	14
76) 1,2,3-Trichloropropane	11.061	75	48581	32.260	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	48581	78.486	ug/l #	10
94) Hexachlorobutadiene	13.701	225	156	0.271	ug/l #	73

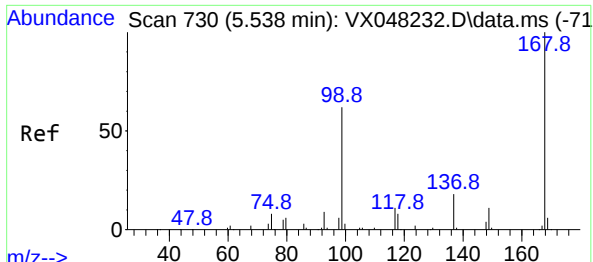
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-184-GW-920-922

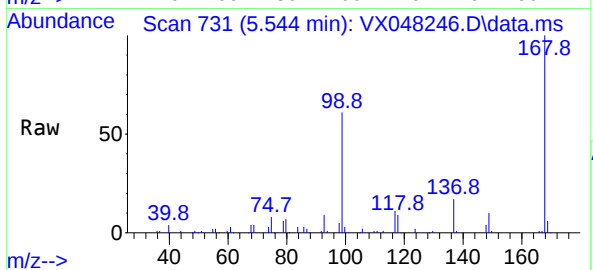
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
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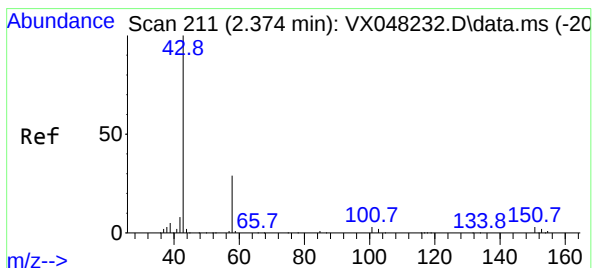
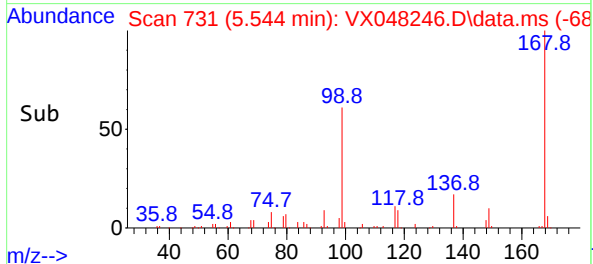
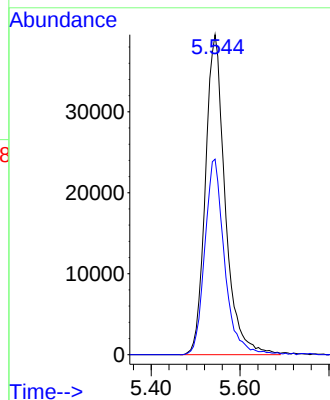


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-920-922

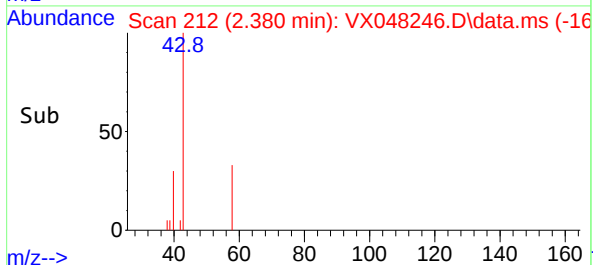
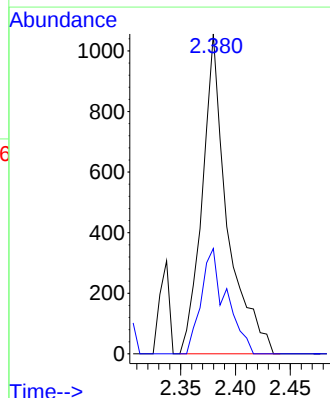
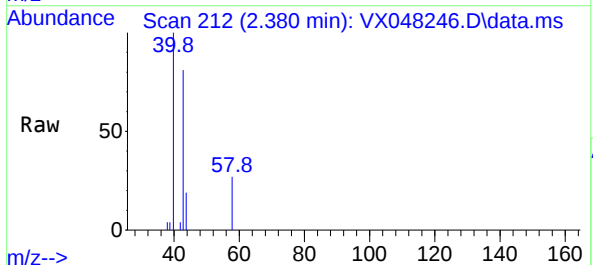


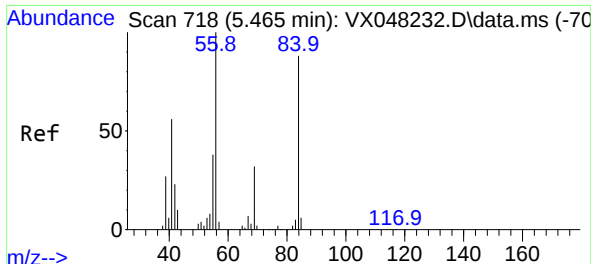
Tgt Ion:168 Resp: 122446
Ion Ratio Lower Upper
168 100
99 61.1 46.4 69.6



#16
Acetone
Concen: 2.847 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

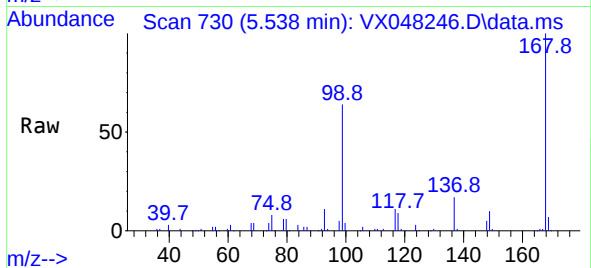
Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
58 26.5 23.4 35.2



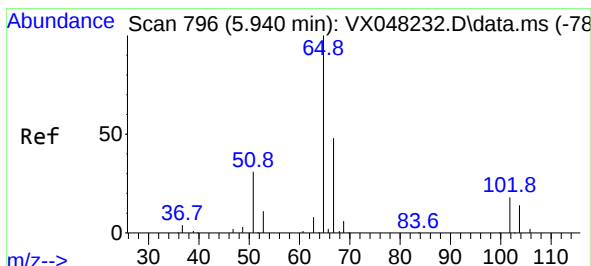
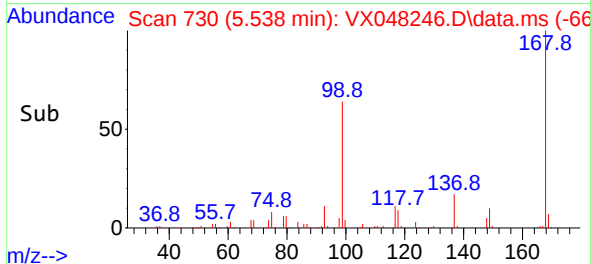
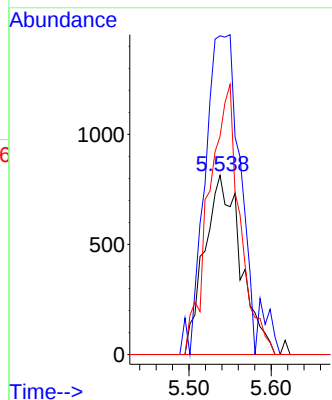


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-920-922

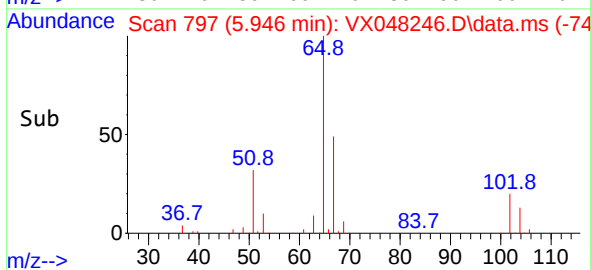
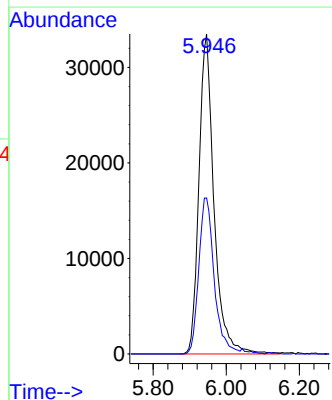
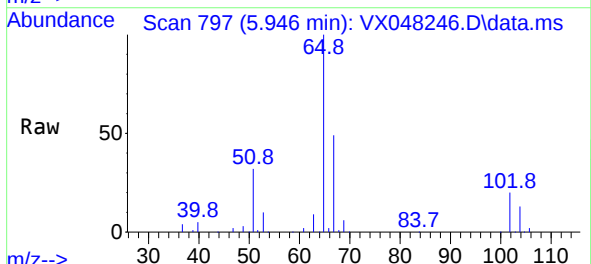


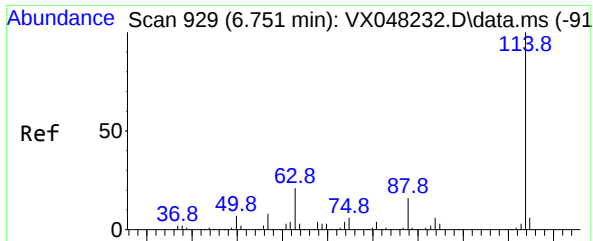
Tgt Ion: 56 Resp: 2509
Ion Ratio Lower Upper
56 100
69 177.9 23.0 34.6#
84 121.9 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 55.892 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

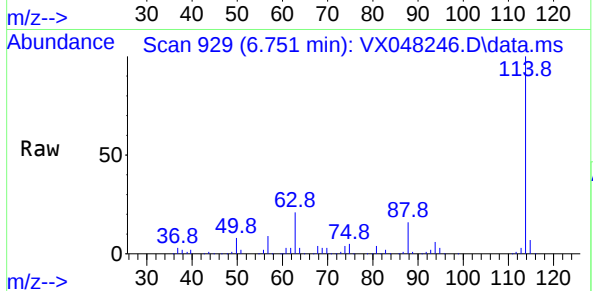
Tgt Ion: 65 Resp: 95954
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.0



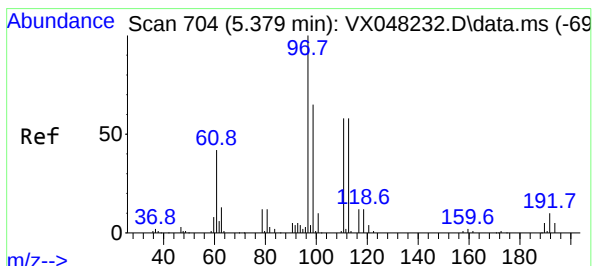
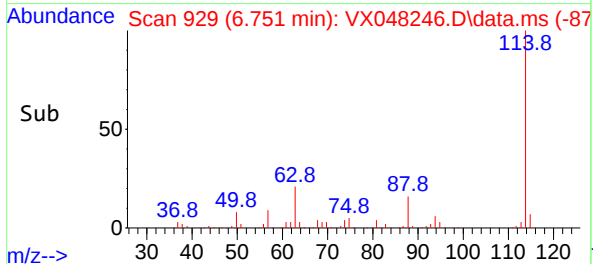
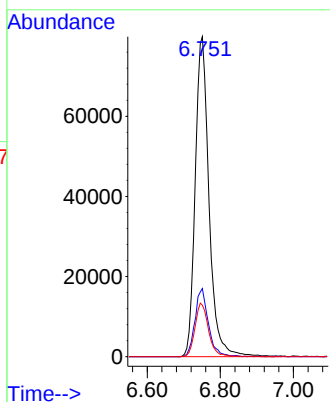


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-920-922

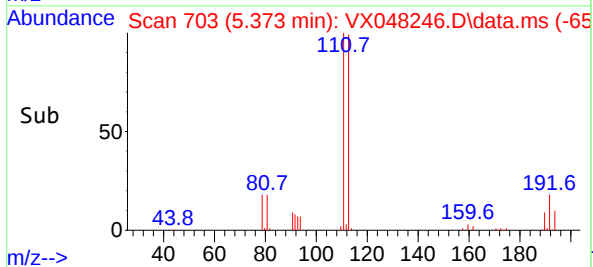
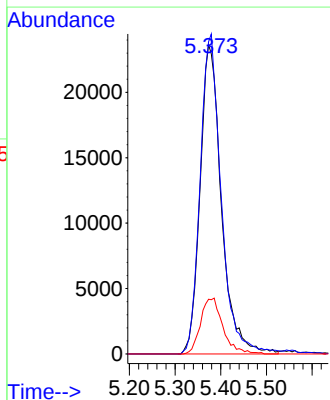
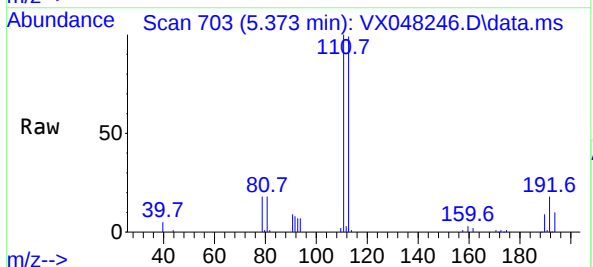


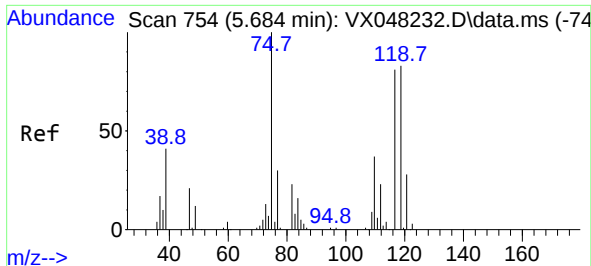
Tgt Ion:114 Resp: 210478
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 53.242 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

Tgt Ion:113 Resp: 76505
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.9 15.1 22.7

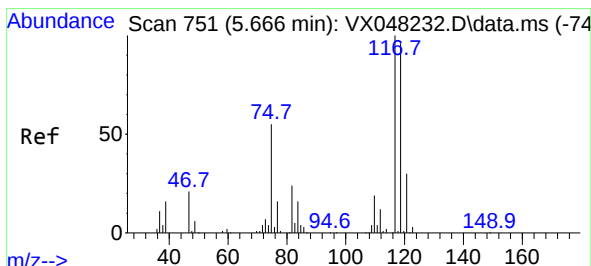
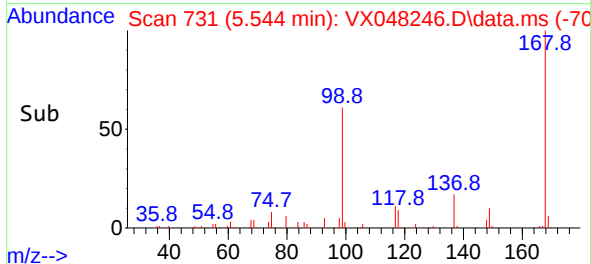
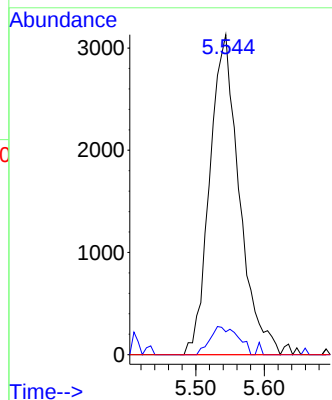
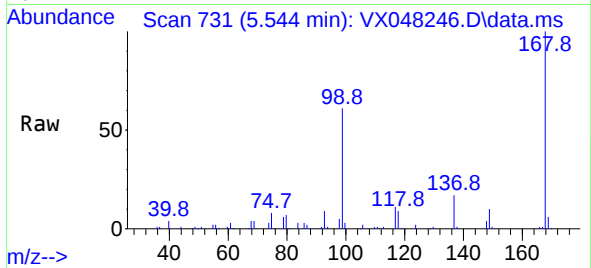




#36
1,1-Dichloropropene
Concen: 4.587 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

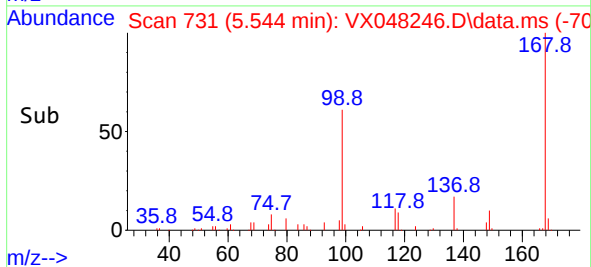
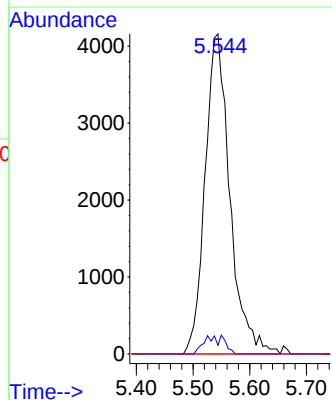
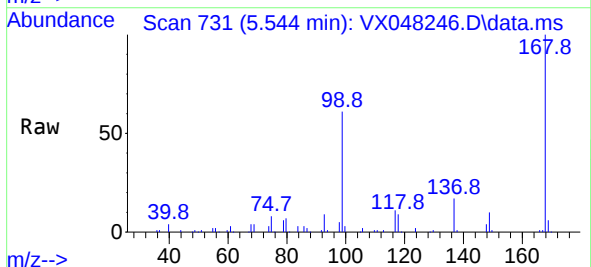
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-920-922

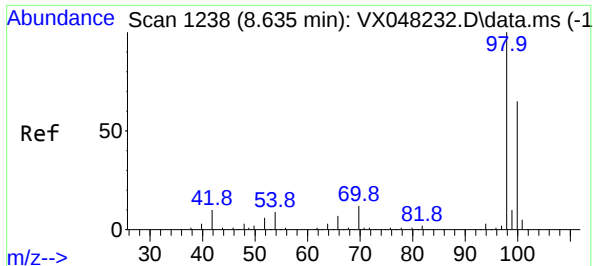
Tgt Ion: 75 Resp: 9369
Ion Ratio Lower Upper
75 100
110 8.3 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

Tgt Ion: 117 Resp: 12631
Ion Ratio Lower Upper
117 100
119 2.7 77.2 115.8#
121 0.0 24.8 37.2#

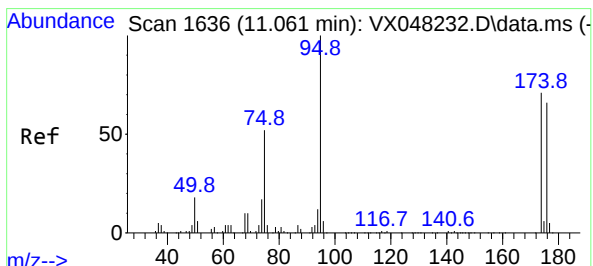
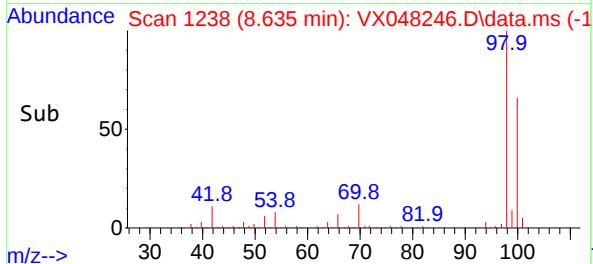
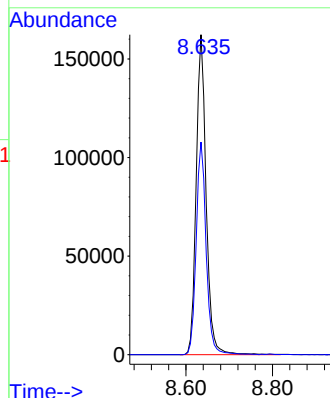
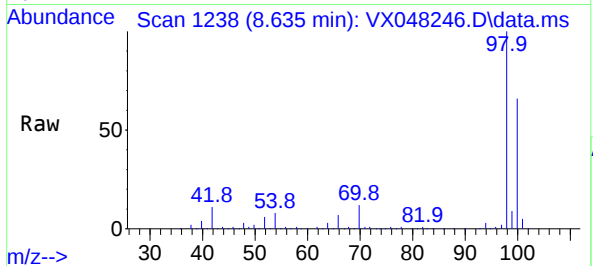




#50
Toluene-d8
Concen: 51.369 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

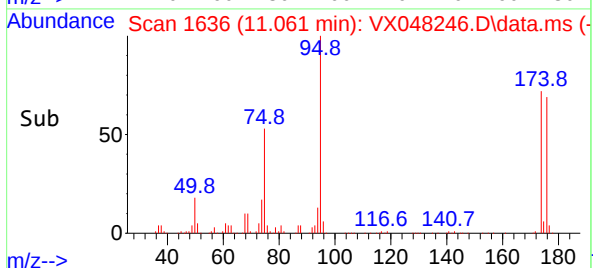
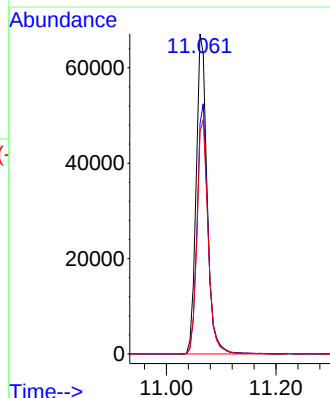
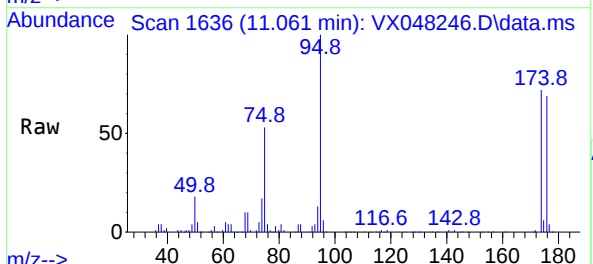
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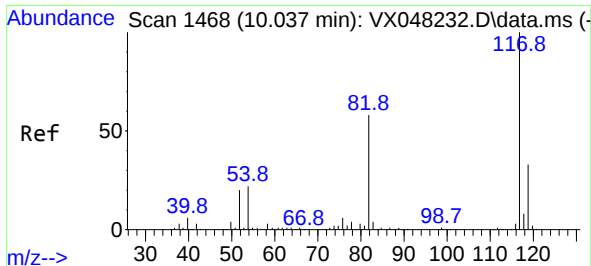
Tgt Ion: 98 Resp: 258724
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.719 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

Tgt Ion: 95 Resp: 93348
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.8
176 74.7 0.0 142.8

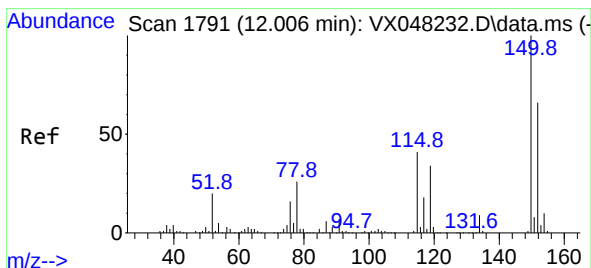
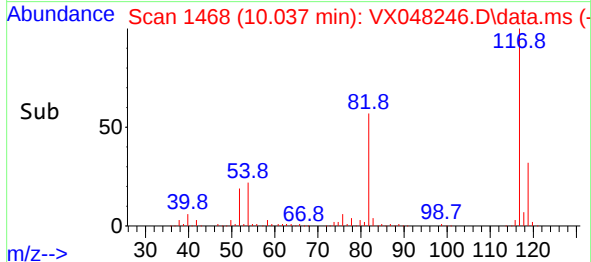
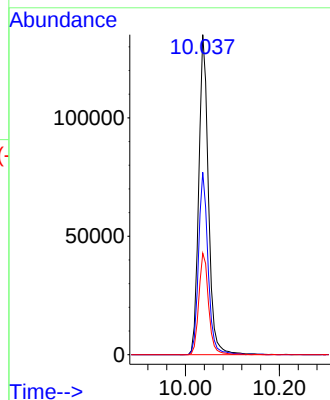
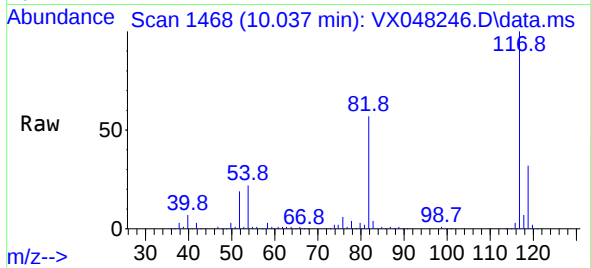




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

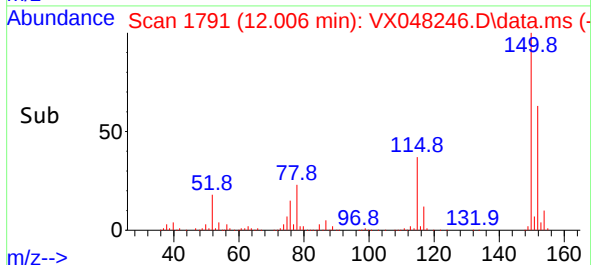
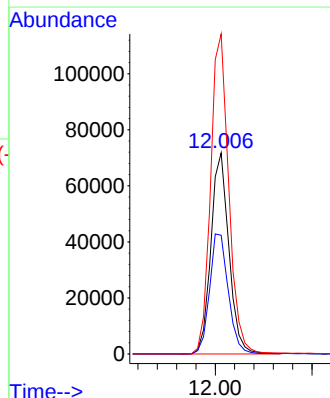
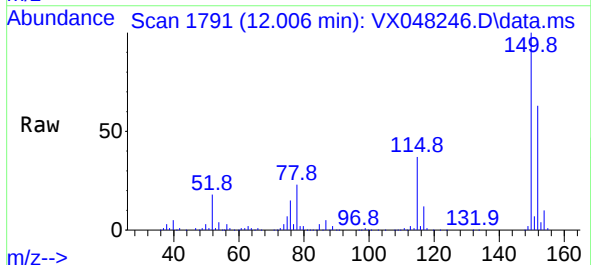
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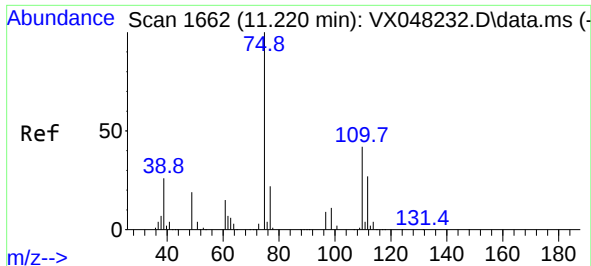
Tgt Ion:117 Resp: 193818
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

Tgt Ion:152 Resp: 92863
Ion Ratio Lower Upper
152 100
115 62.2 43.1 129.4
150 160.4 0.0 353.0

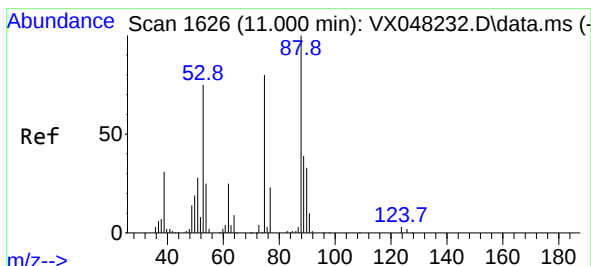
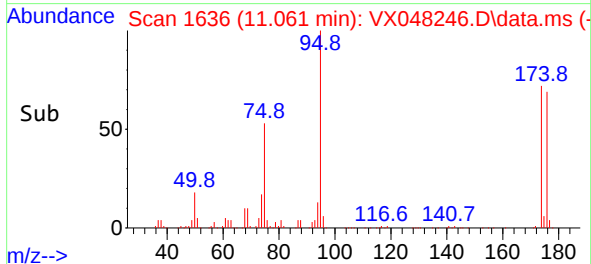
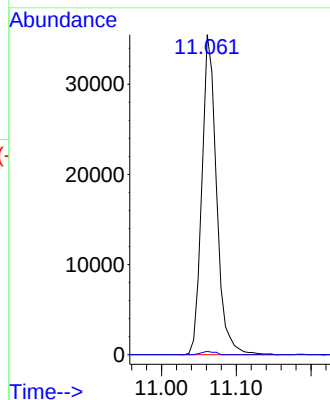
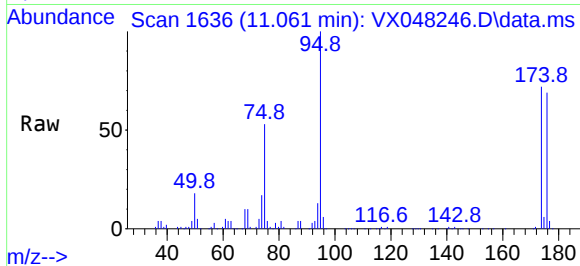




#76
1,2,3-Trichloropropane
Concen: 32.260 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

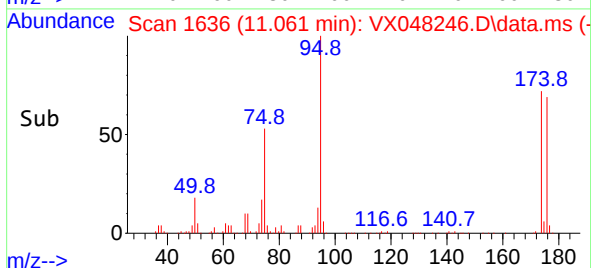
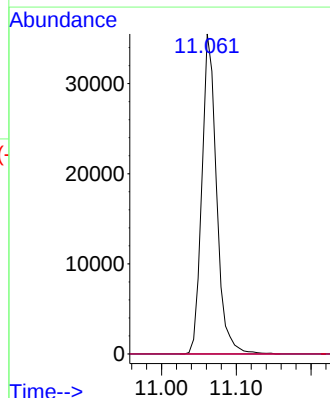
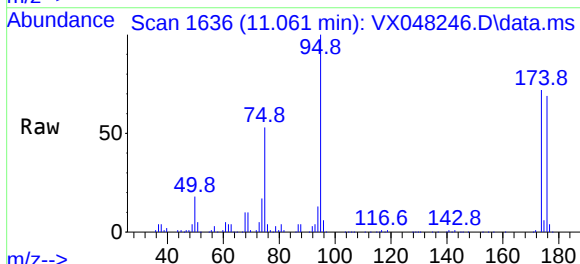
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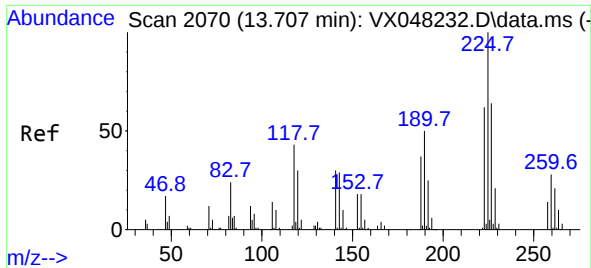
Tgt Ion: 75 Resp: 48581
Ion Ratio Lower Upper
75 100
77 1.0 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.486 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048246.D
Acq: 20 Oct 2025 18:02

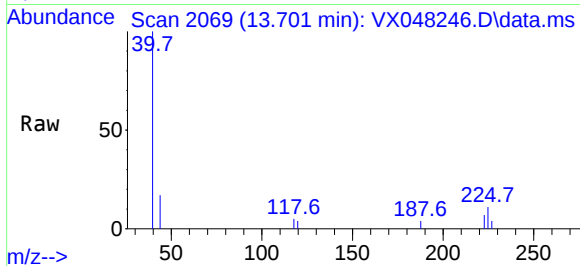
Tgt Ion: 75 Resp: 48581
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#





#94
 Hexachlorobutadiene
 Concen: 0.271 ug/l
 RT: 13.701 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX048246.D
 Acq: 20 Oct 2025 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-920-922



Tgt Ion:	225	Resp:	156
Ion	Ratio	Lower	Upper
225	100		
223	23.7	32.6	97.7#
227	66.7	32.5	97.4

