

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048259.D
 Acq On : 21 Oct 2025 11:35
 Operator : JC/MD
 Sample : Q3371-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20251016

Quant Time: Oct 24 04:26:14 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)

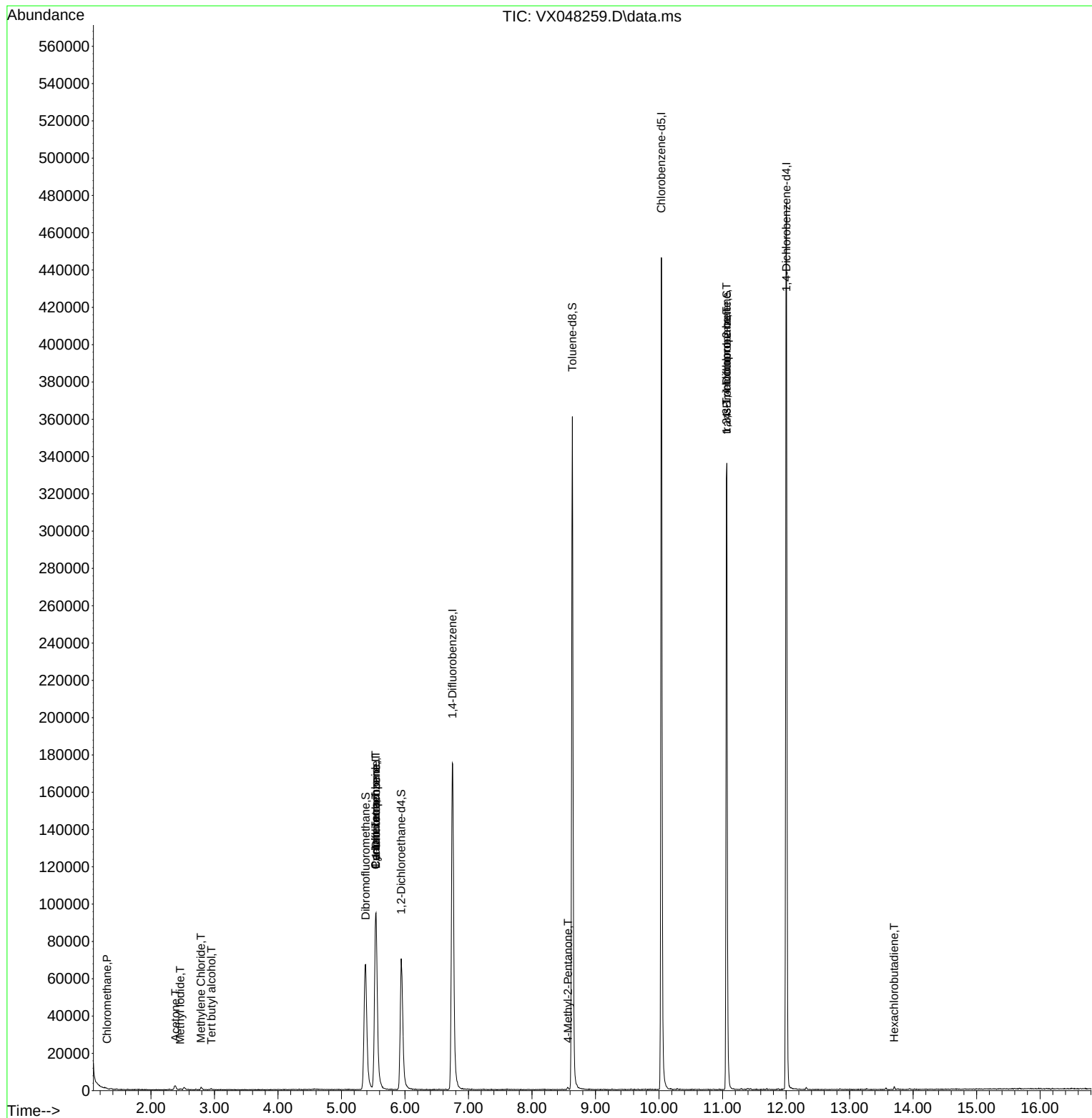
Internal Standards						
1) Pentafluorobenzene	5.543	168	100347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	196629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	76981	54.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.440%	
35) Dibromofluoromethane	5.379	113	66409	49.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.940%	
50) Toluene-d8	8.634	98	222231	47.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.460%	
62) 4-Bromofluorobenzene	11.067	95	98871	55.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.480%	
Target Compounds						Qvalue
3) Chloromethane	1.306	50	353	0.367	ug/l #	42
10) Methyl Iodide	2.459	142	364	0.267	ug/l #	73
11) Tert butyl alcohol	2.953	59	92	0.659	ug/l #	72
16) Acetone	2.386	43	3267	6.769	ug/l	91
20) Methylene Chloride	2.788	84	629	0.535	ug/l #	73
31) Cyclohexane	5.537	56	1830	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	7774	4.075	ug/l #	51
38) Carbon Tetrachloride	5.537	117	11038	4.689	ug/l #	15
51) 4-Methyl-2-Pentanone	8.567	43	1067	0.712	ug/l	90
76) 1,2,3-Trichloropropane	11.061	75	50464	28.496	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	50464	69.329	ug/l #	10
94) Hexachlorobutadiene	13.701	225	355	0.462	ug/l	88

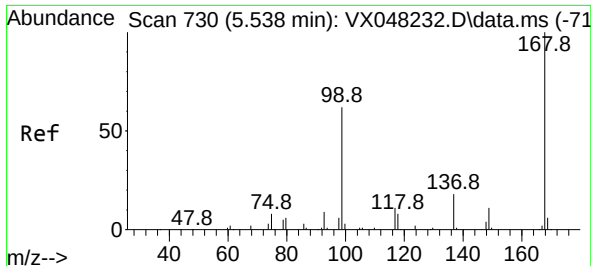
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
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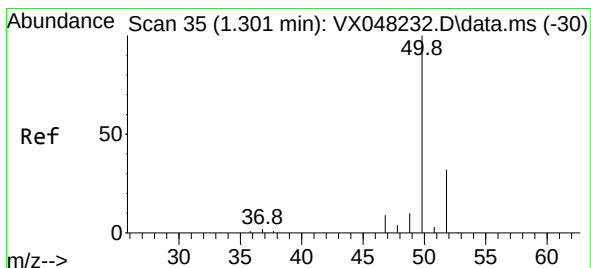
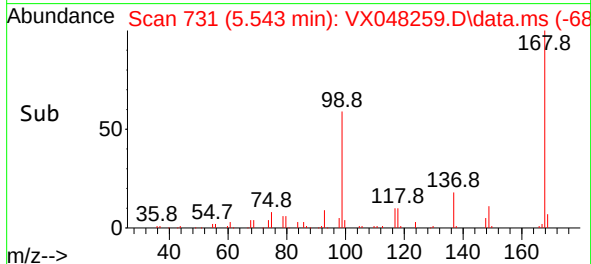
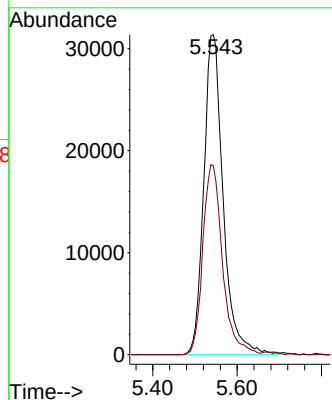
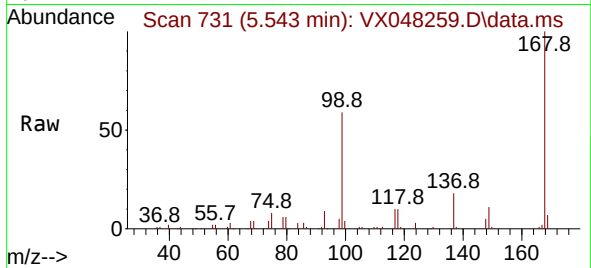




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

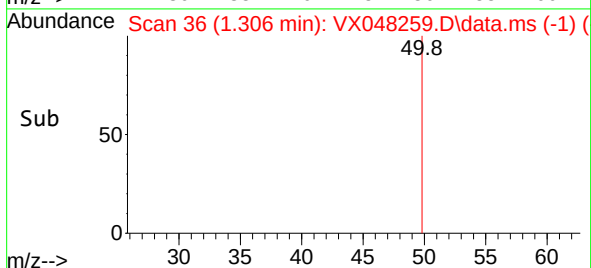
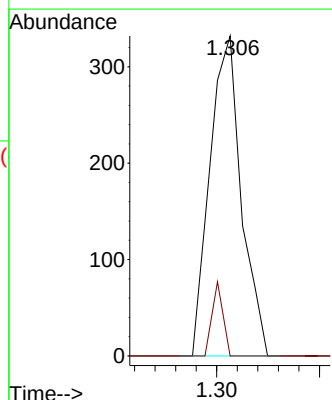
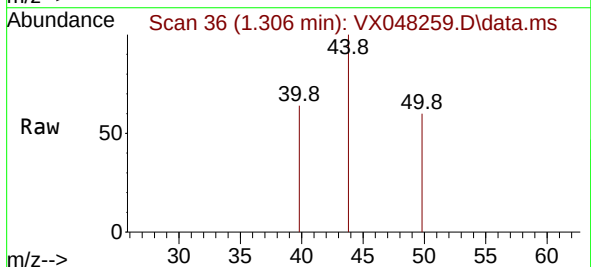
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

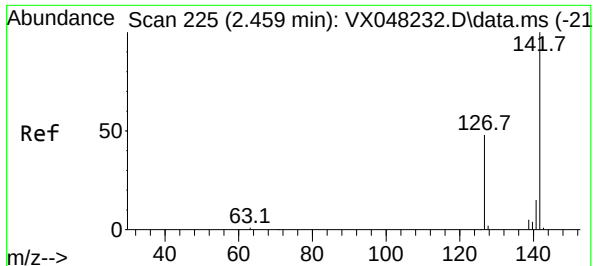
Tgt Ion:168 Resp: 100347
Ion Ratio Lower Upper
168 100
99 59.1 46.4 69.6



#3
Chloromethane
Concen: 0.367 ug/l
RT: 1.306 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

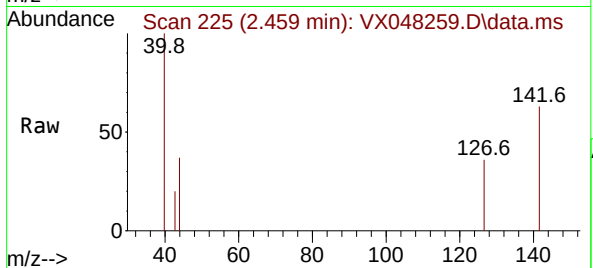
Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#



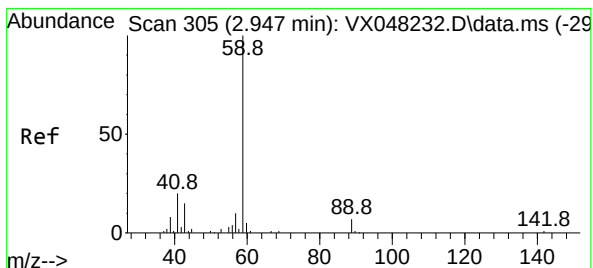
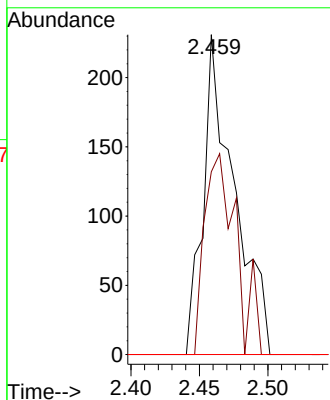
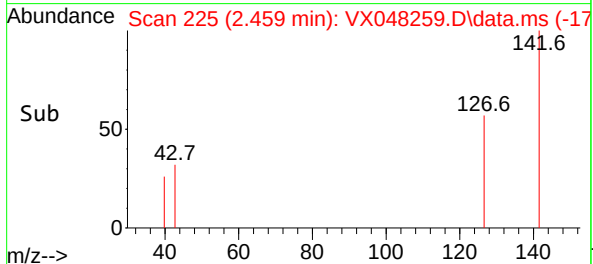


#10
Methyl Iodide
Concen: 0.267 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

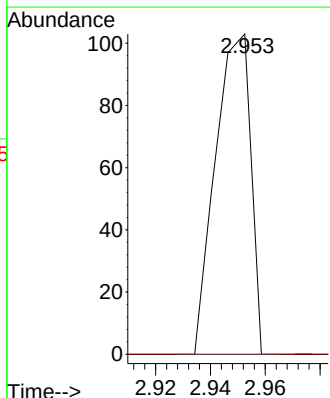
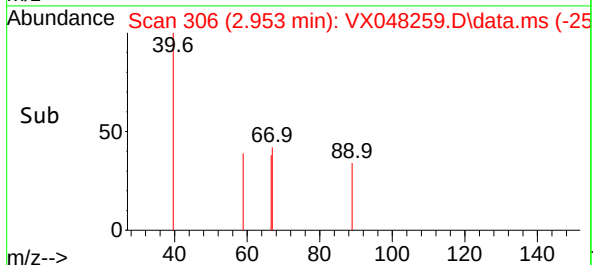
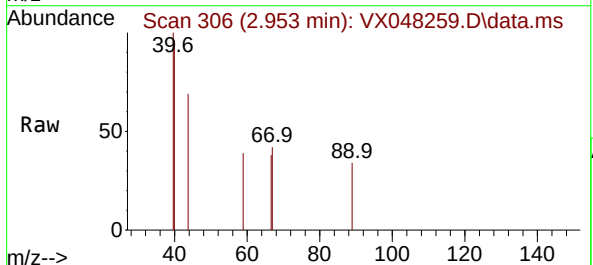


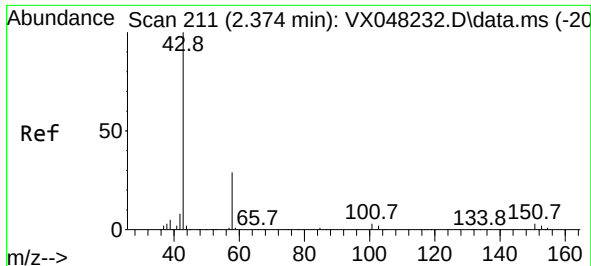
Tgt Ion:142 Resp: 364
Ion Ratio Lower Upper
142 100
127 64.6 38.5 57.7#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.659 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Tgt Ion: 59 Resp: 92
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

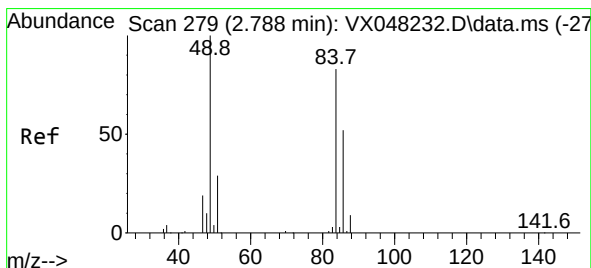
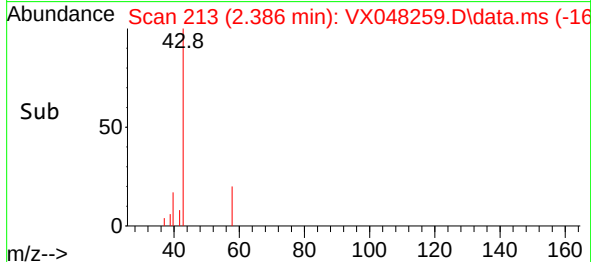
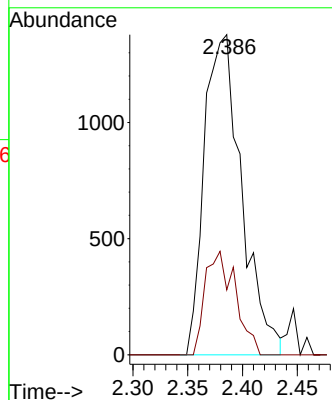
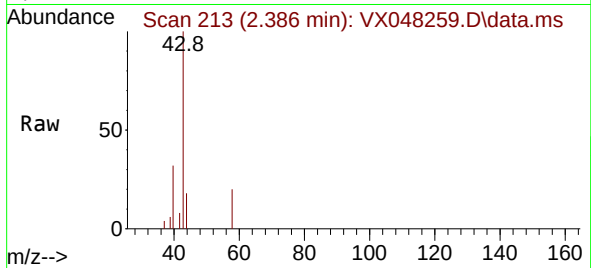




#16
Acetone
Concen: 6.769 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

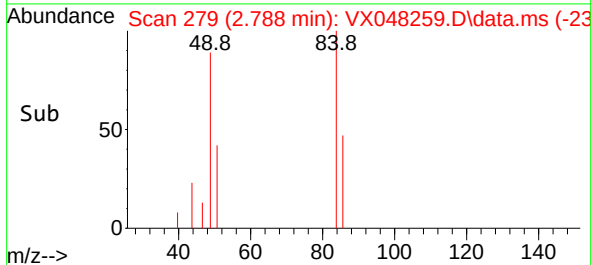
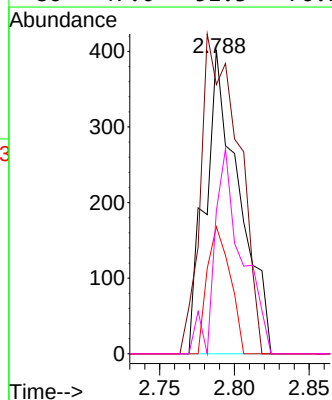
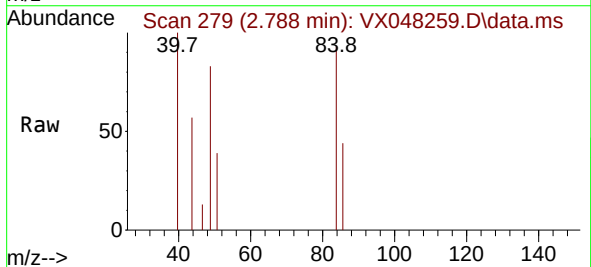
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

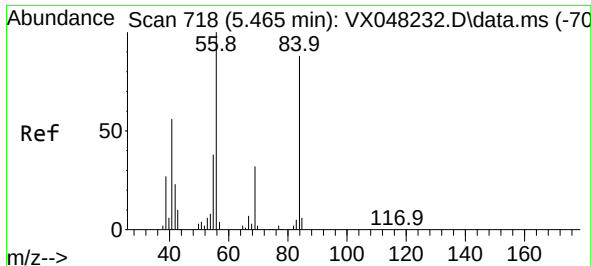
Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
58 24.5 23.4 35.2



#20
Methylene Chloride
Concen: 0.535 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

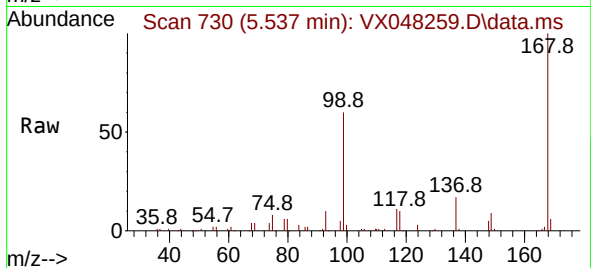
Tgt Ion: 84 Resp: 629
Ion Ratio Lower Upper
84 100
49 88.6 104.1 156.1#
51 41.8 31.3 46.9
86 47.0 51.3 76.9#



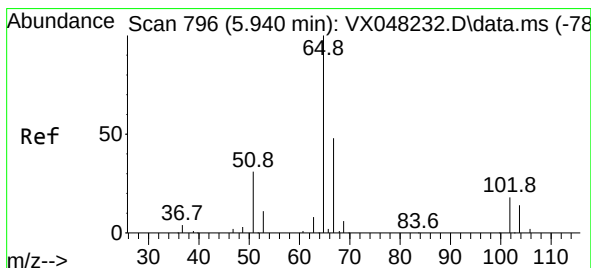
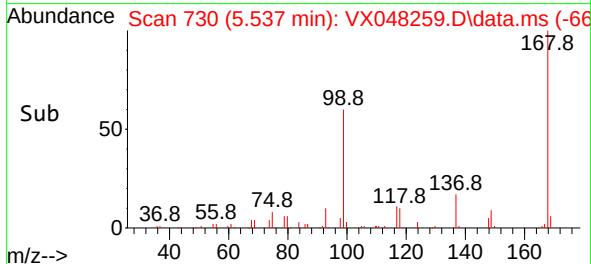
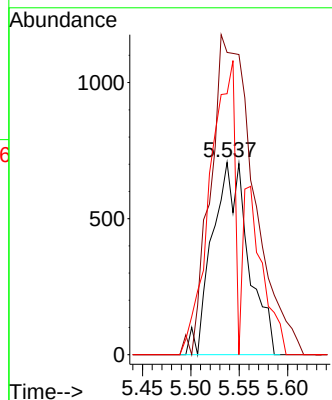


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

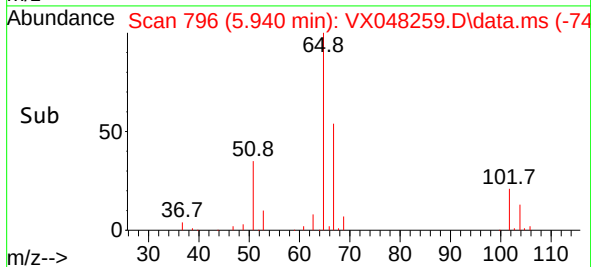
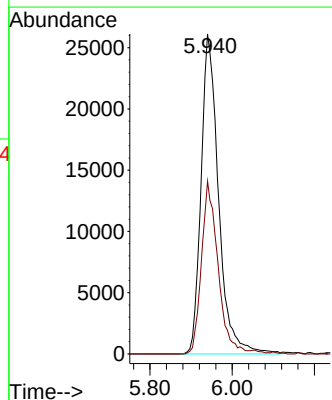
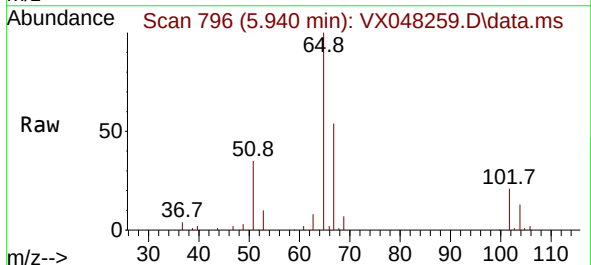


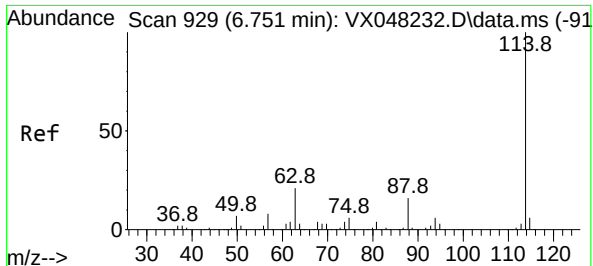
Tgt Ion: 56 Resp: 1830
Ion Ratio Lower Upper
56 100
69 157.1 23.0 34.6#
84 135.6 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.715 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Tgt Ion: 65 Resp: 76981
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.0

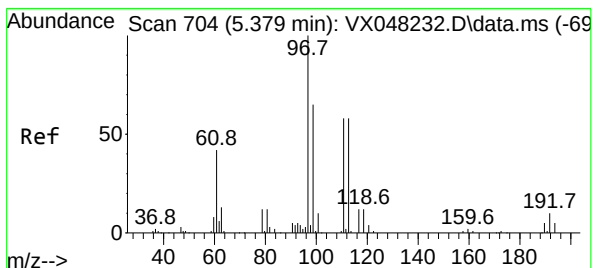
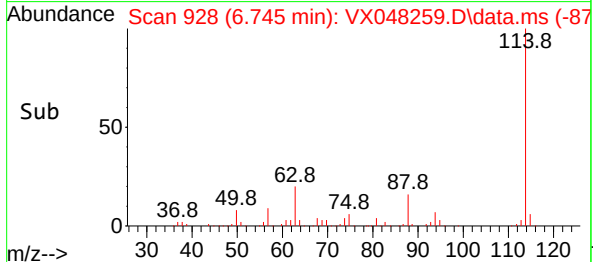
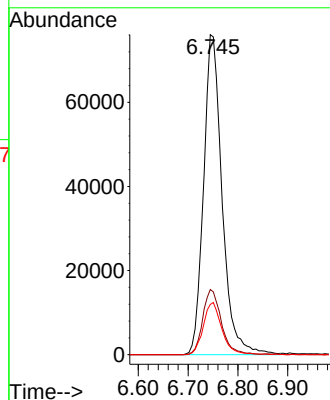
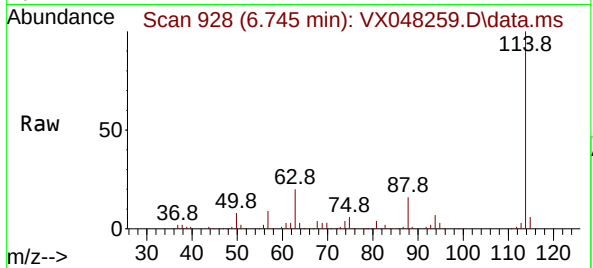




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

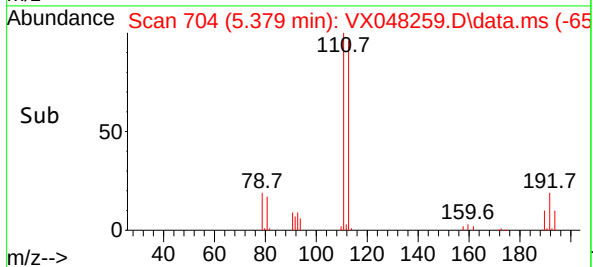
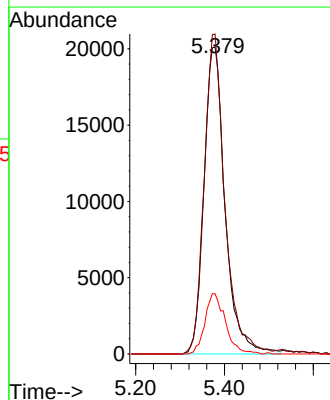
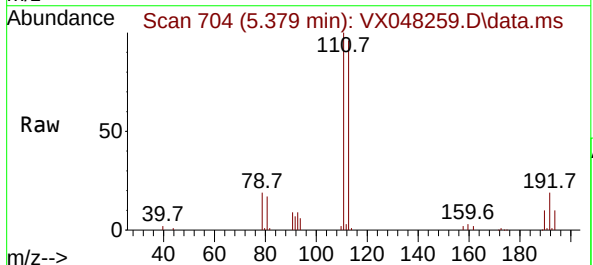
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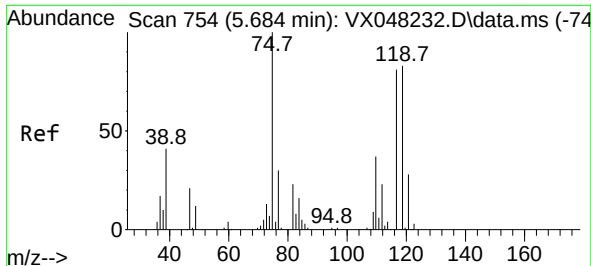
Tgt Ion:114 Resp: 196629
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 15.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.471 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

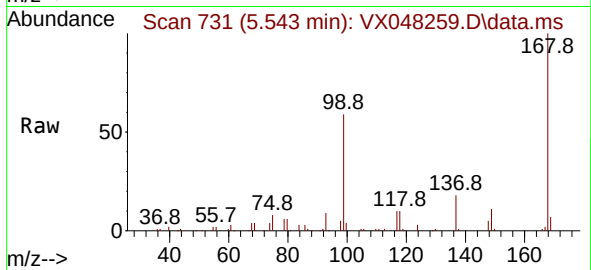
Tgt Ion:113 Resp: 66409
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 19.1 15.1 22.7



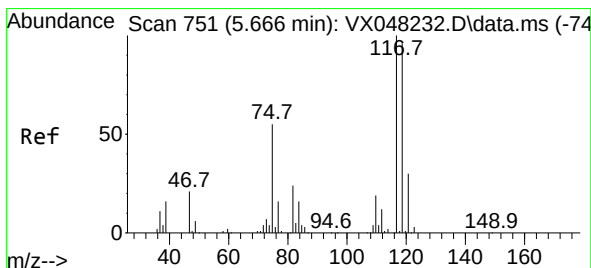
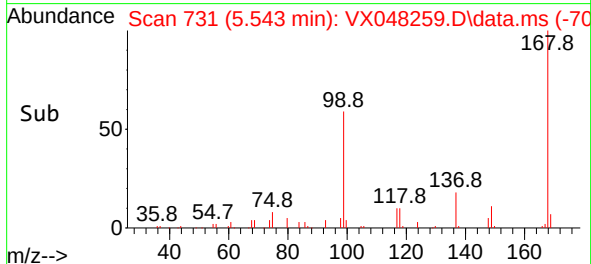
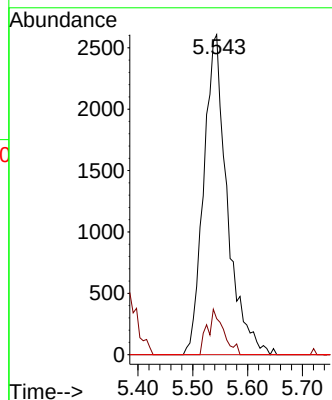


#36
1,1-Dichloropropene
Concen: 4.075 ug/l
RT: 5.543 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Instrument :
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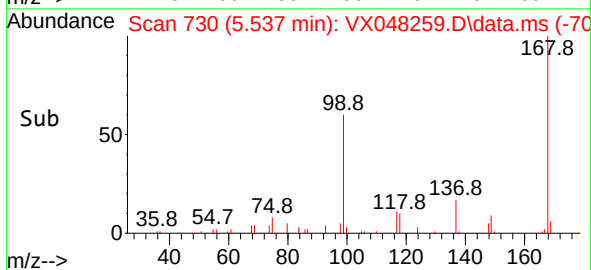
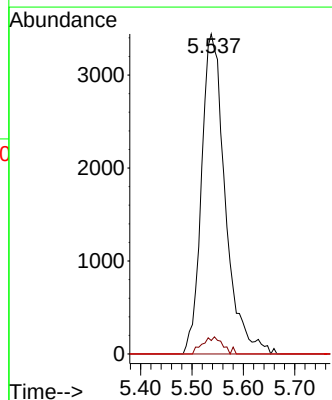
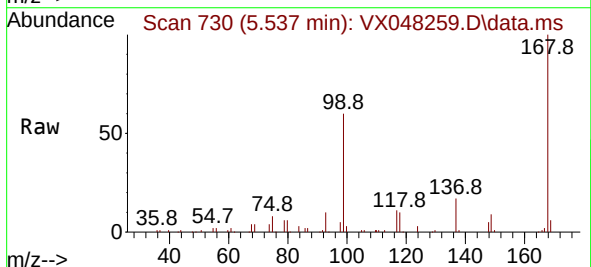


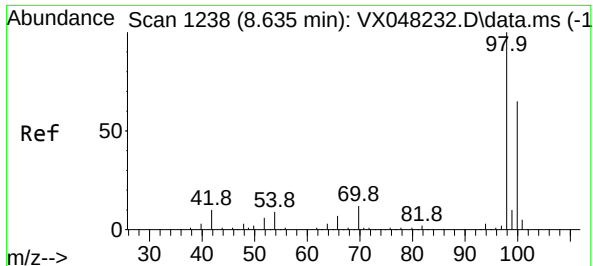
Tgt Ion: 75 Resp: 7774
Ion Ratio Lower Upper
75 100
110 9.7 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.689 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Tgt Ion: 117 Resp: 11038
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 24.8 37.2#

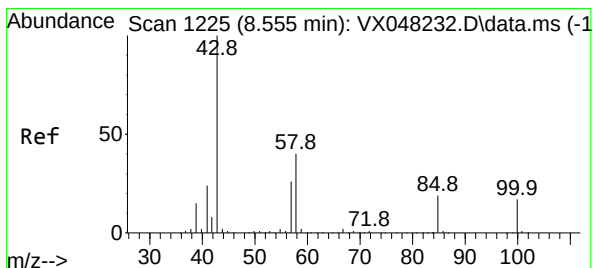
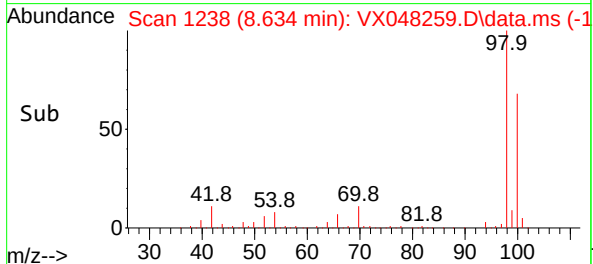
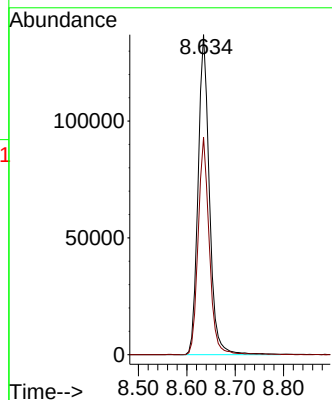
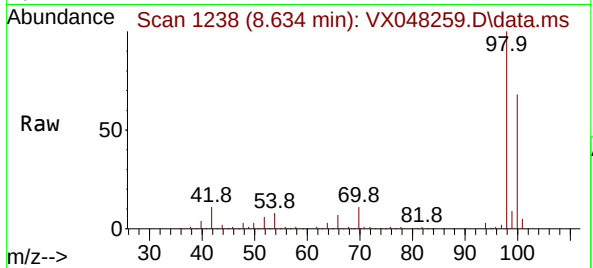




#50
Toluene-d8
Concen: 47.231 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

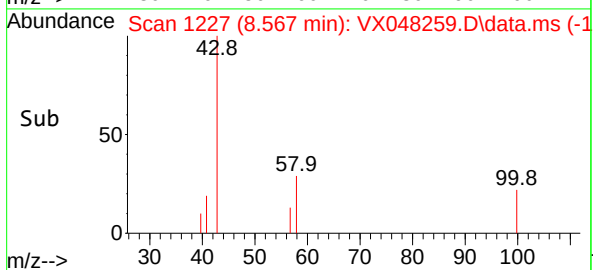
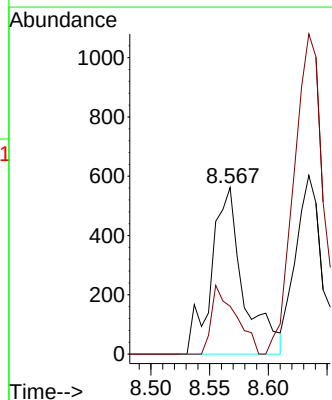
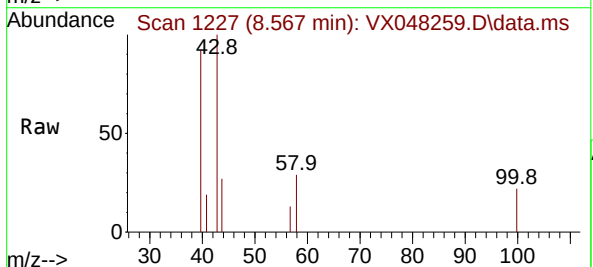
Instrument : MSVOA_X
ClientSampleId : BP-VPB-184-EB-20251016

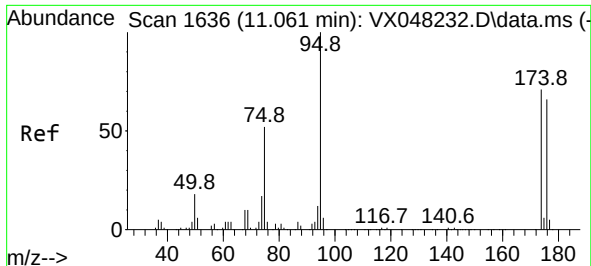
Tgt Ion: 98 Resp: 222231
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.712 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
58 31.2 29.5 44.3

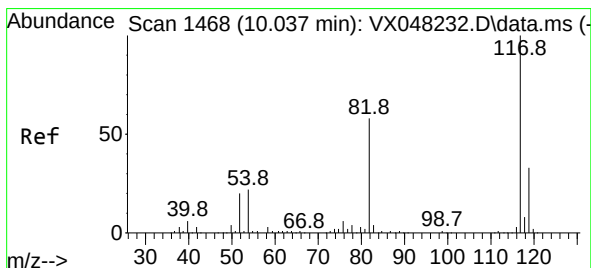
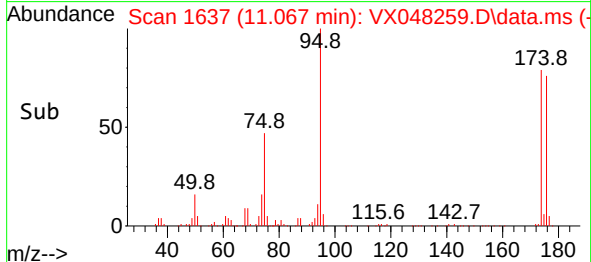
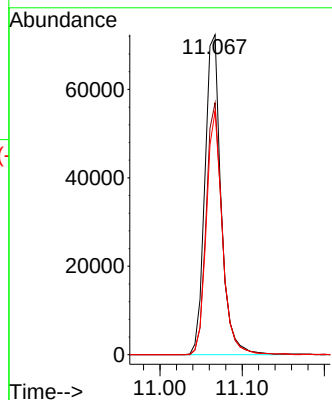
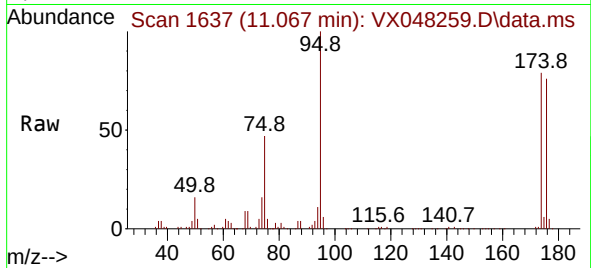




#62
4-Bromofluorobenzene
Concen: 55.236 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

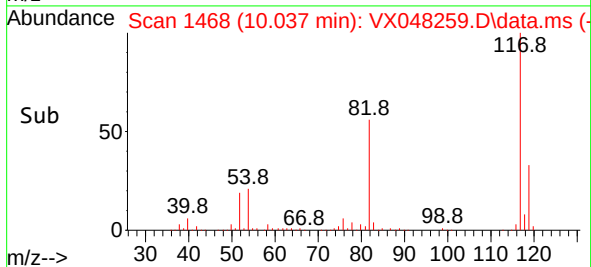
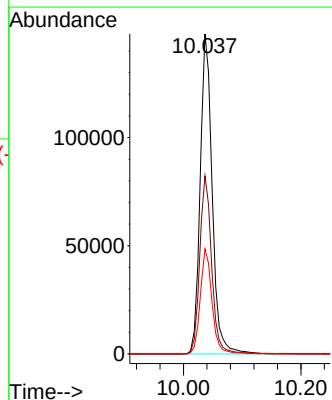
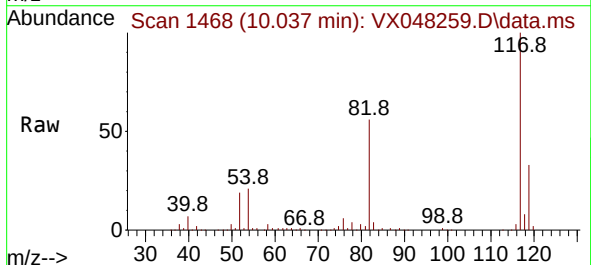
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

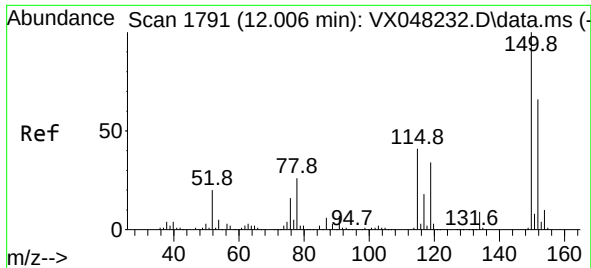
Tgt Ion: 95 Resp: 98871
Ion Ratio Lower Upper
95 100
174 78.2 0.0 147.8
176 75.5 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Tgt Ion: 117 Resp: 210531
Ion Ratio Lower Upper
117 100
82 55.7 46.5 69.7
119 32.8 25.9 38.9

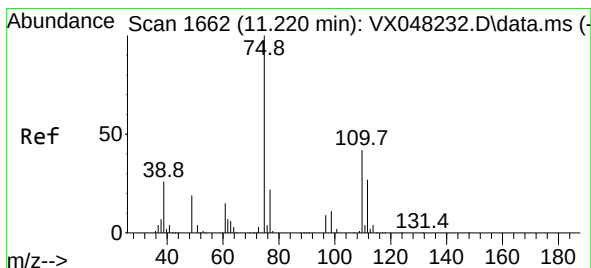
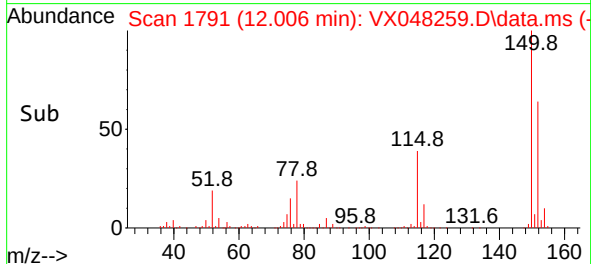
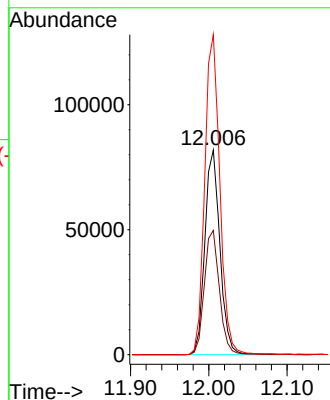
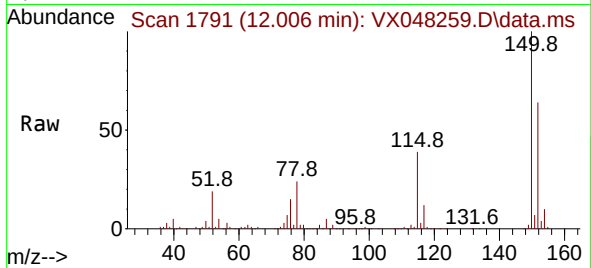




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

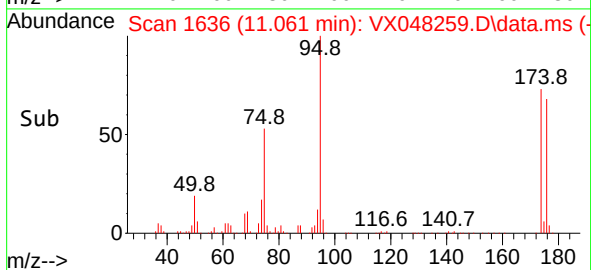
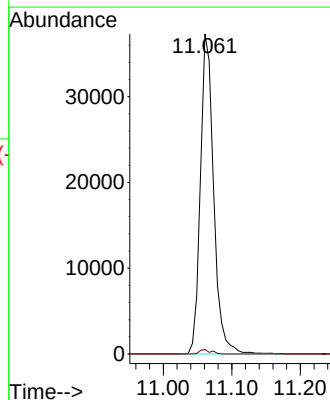
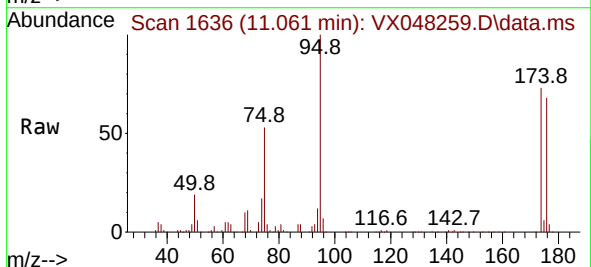
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

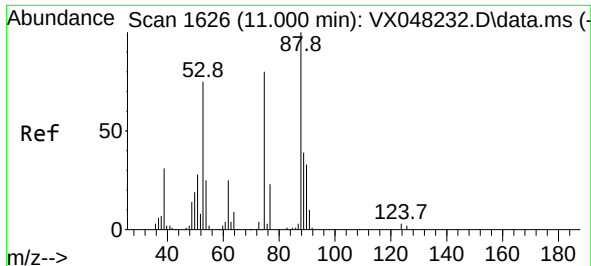
Tgt Ion:152 Resp: 109203
Ion Ratio Lower Upper
152 100
115 61.0 43.1 129.4
150 157.1 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 28.496 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Tgt Ion: 75 Resp: 50464
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#

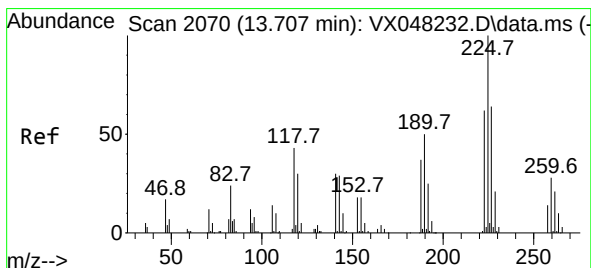
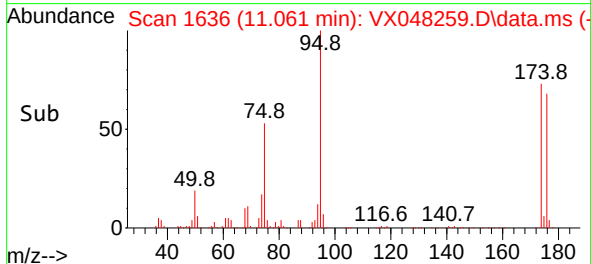
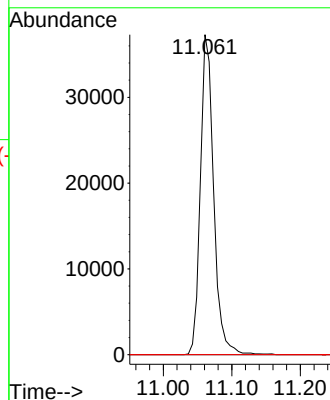
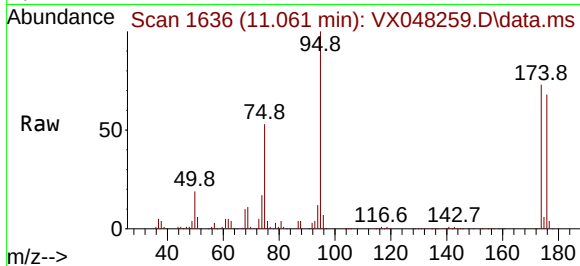




#81
trans-1,4-Dichloro-2-butene
Concen: 69.329 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

Tgt Ion: 75 Resp: 50464
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#



#94
Hexachlorobutadiene
Concen: 0.462 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VX048259.D
Acq: 21 Oct 2025 11:35

Tgt Ion: 225 Resp: 355
Ion Ratio Lower Upper
225 100
223 59.2 32.6 97.7
227 51.5 32.5 97.4

