

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048112.D
 Acq On : 10 Oct 2025 15:13
 Operator : JC/MD
 Sample : Q3324-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-860-862

Quant Time: Oct 10 23:49:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

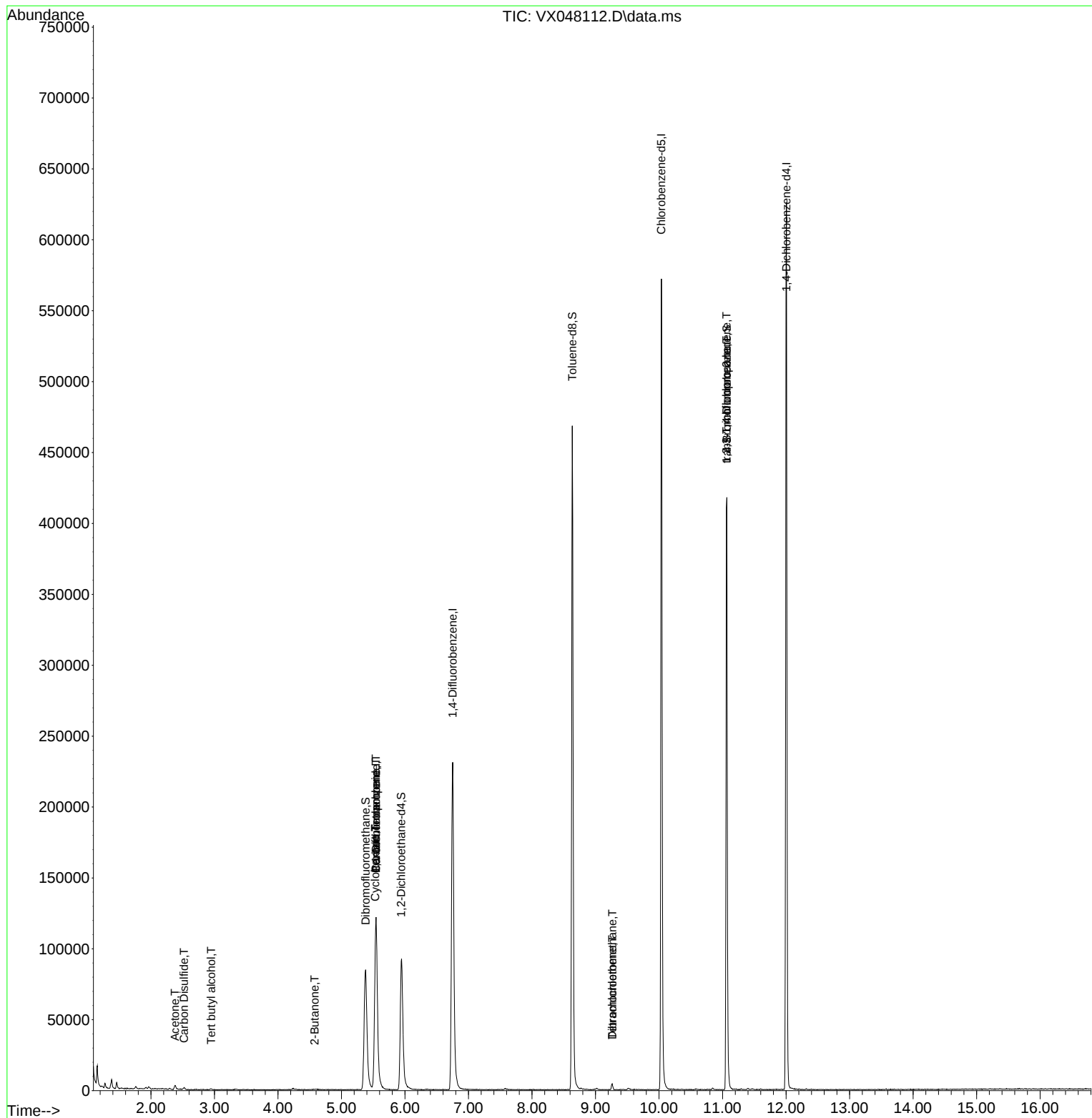
Internal Standards						
1) Pentafluorobenzene	5.544	168	118979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	249066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102388	54.064	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.120%	
35) Dibromofluoromethane	5.379	113	82913	49.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.280%	
50) Toluene-d8	8.635	98	281261	48.663	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	11.067	95	122524	55.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	185	0.877	ug/l #	72
16) Acetone	2.380	43	4046	4.913	ug/l	91
17) Carbon Disulfide	2.520	76	1577	0.408	ug/l #	90
25) 2-Butanone	4.574	43	387	0.377	ug/l #	50
31) Cyclohexane	5.532	56	2833	1.132	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	10223	4.188	ug/l #	43
38) Carbon Tetrachloride	5.544	117	12524	4.723	ug/l #	19
60) Dibromochloromethane	9.263	129	765	0.377	ug/l #	11
64) Tetrachloroethene	9.263	164	775	0.454	ug/l	90
76) 1,2,3-Trichloropropane	11.061	75	65168	24.516	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	65168	62.520	ug/l #	8

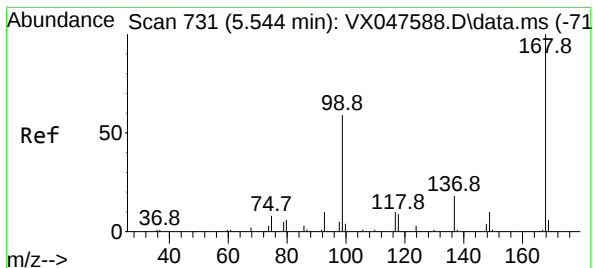
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX048112.D

Acq: 10 Oct 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

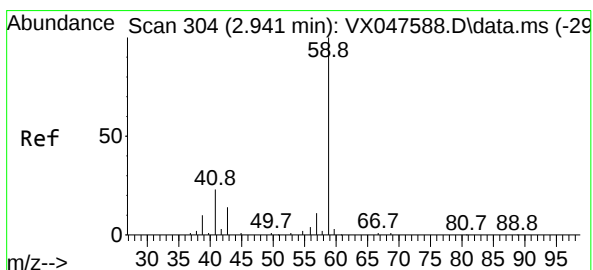
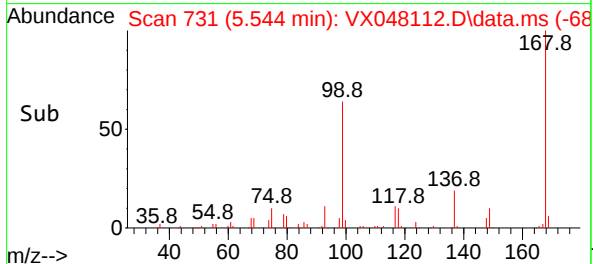
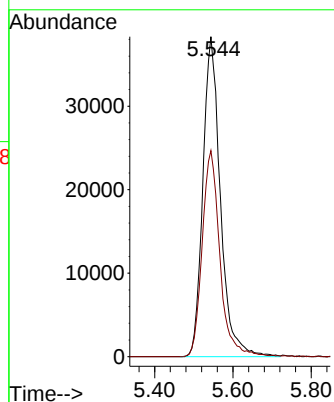
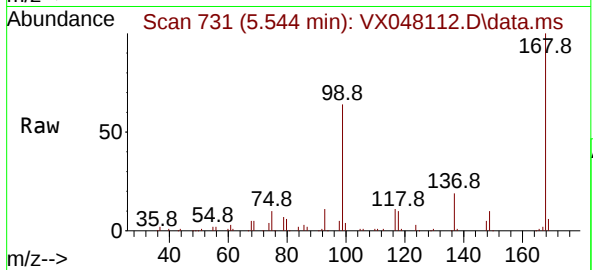
BP-VPB-184-GW-860-862

Tgt Ion:168 Resp: 118979

Ion Ratio Lower Upper

168 100

99 64.4 48.8 73.2



#11

Tert butyl alcohol

Concen: 0.877 ug/l

RT: 2.947 min Scan# 305

Delta R.T. 0.006 min

Lab File: VX048112.D

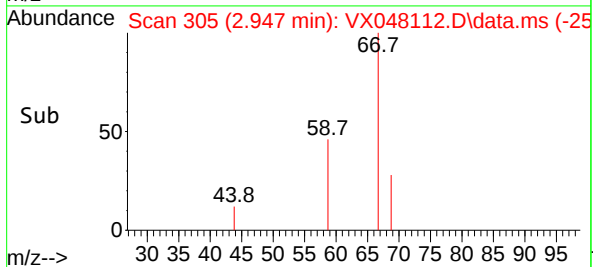
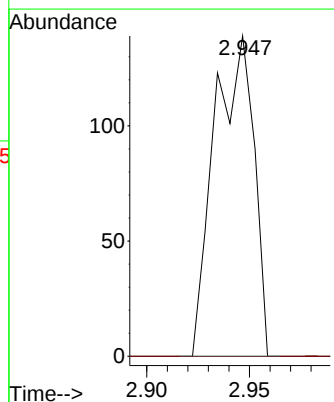
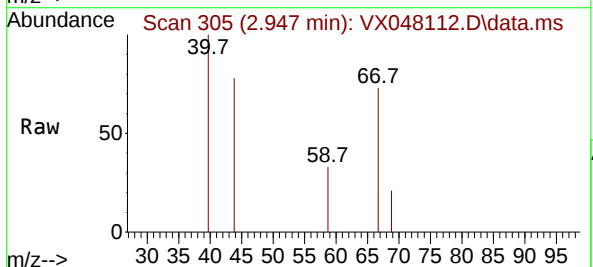
Acq: 10 Oct 2025 15:13

Tgt Ion: 59 Resp: 185

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

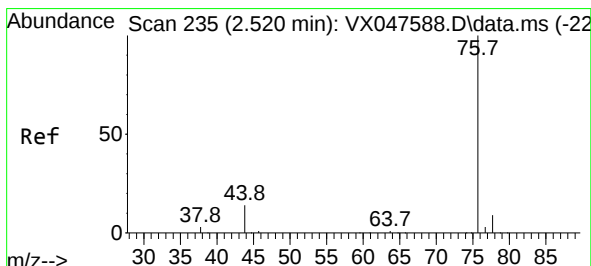
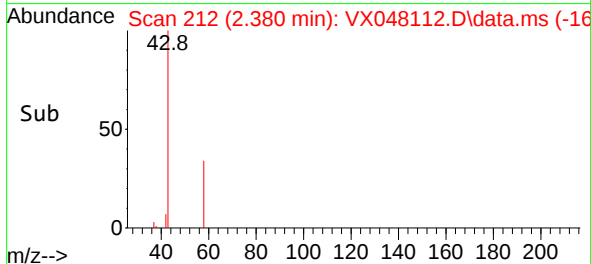
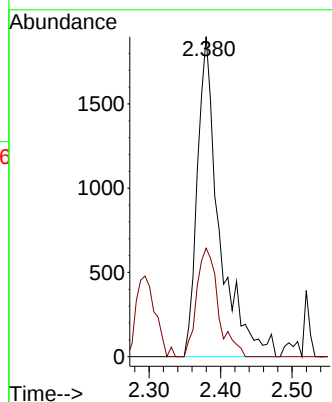
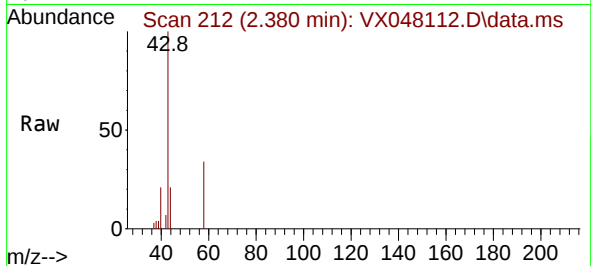




#16
Acetone
Concen: 4.913 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

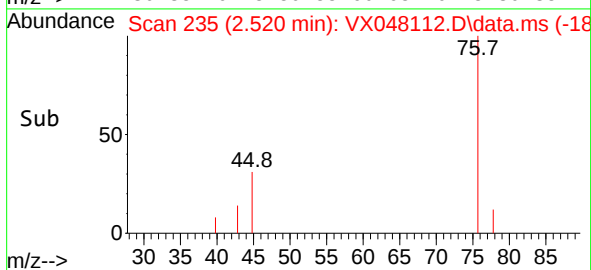
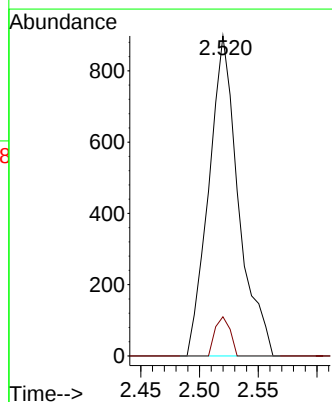
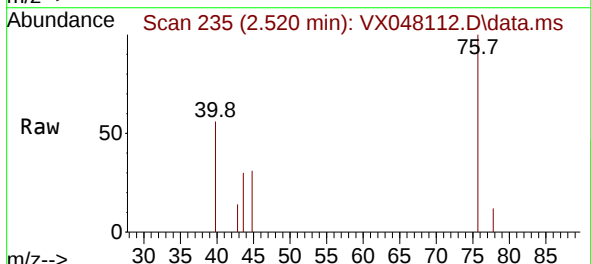
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

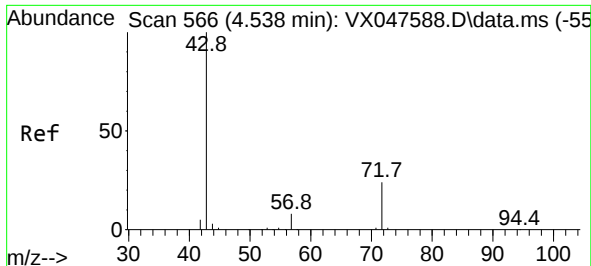
Tgt Ion: 43 Resp: 4046
Ion Ratio Lower Upper
43 100
58 33.9 23.4 35.0



#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 76 Resp: 1577
Ion Ratio Lower Upper
76 100
78 12.2 6.8 10.2#





#25

2-Butanone

Concen: 0.377 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX048112.D

Acq: 10 Oct 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

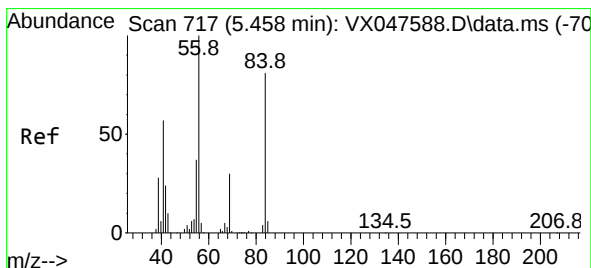
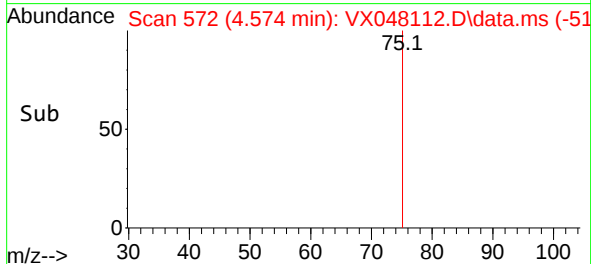
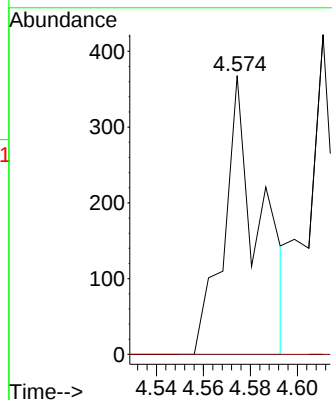
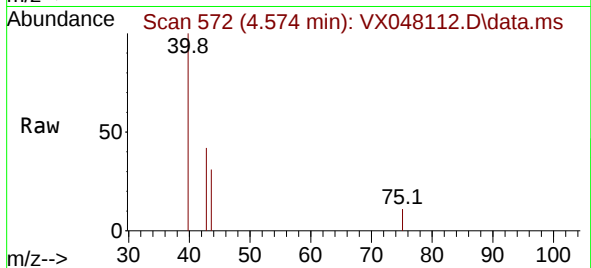
BP-VPB-184-GW-860-862

Tgt Ion: 43 Resp: 387

Ion Ratio Lower Upper

43 100

72 0.0 20.1 30.1#



#31

Cyclohexane

Concen: 1.132 ug/l

RT: 5.532 min Scan# 729

Delta R.T. 0.073 min

Lab File: VX048112.D

Acq: 10 Oct 2025 15:13

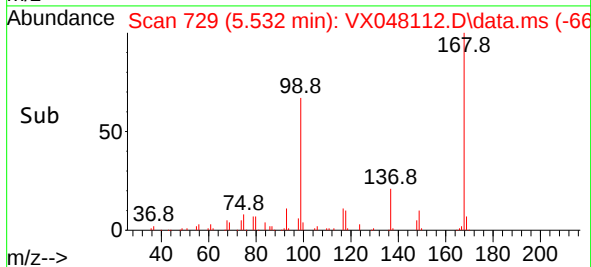
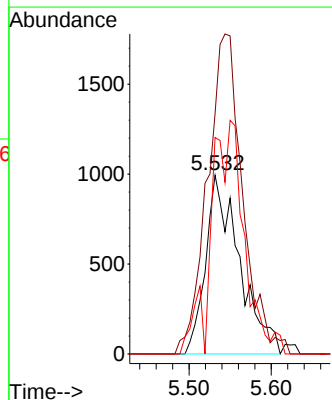
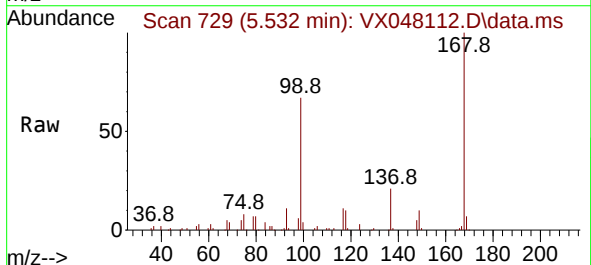
Tgt Ion: 56 Resp: 2833

Ion Ratio Lower Upper

56 100

69 126.9 23.8 35.8#

84 121.1 64.6 97.0#

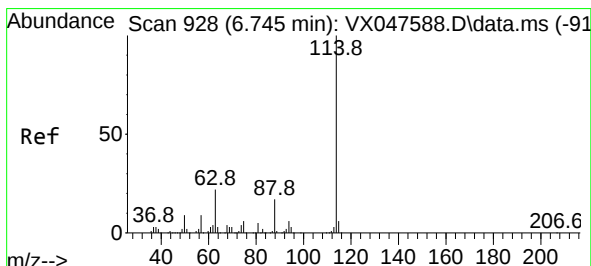
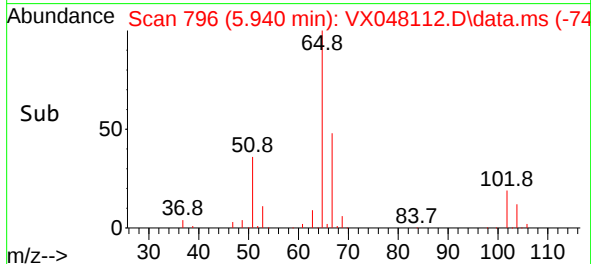
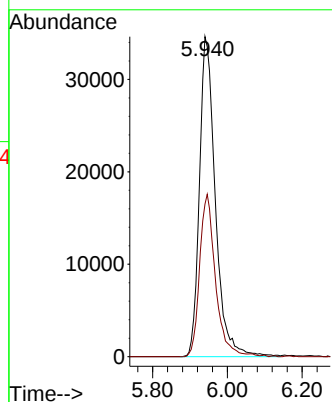
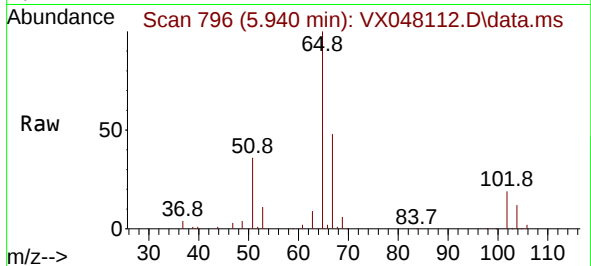




#33
1,2-Dichloroethane-d4
Concen: 54.064 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

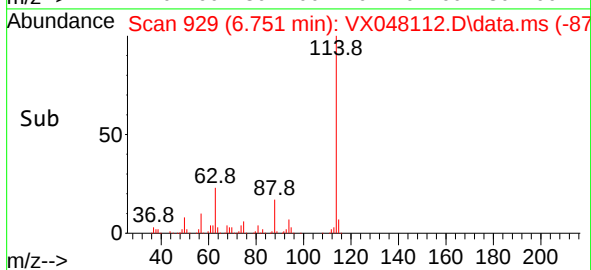
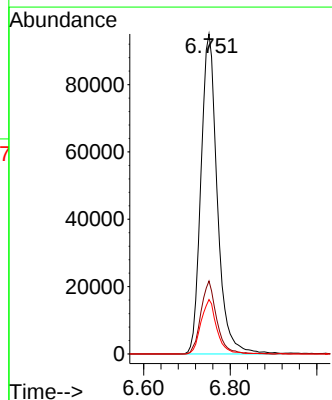
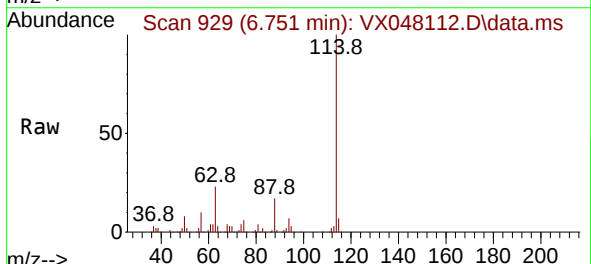
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Tgt Ion: 65 Resp: 102388
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 114 Resp: 249066
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.0
88 17.0 0.0 34.2

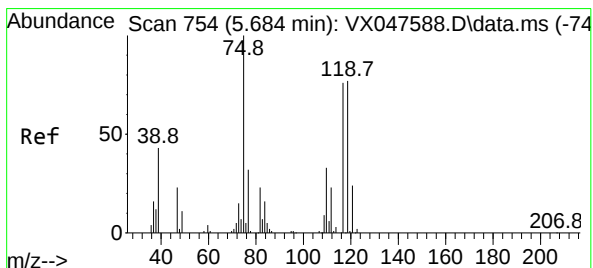
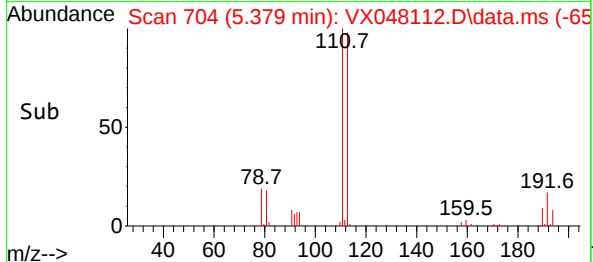
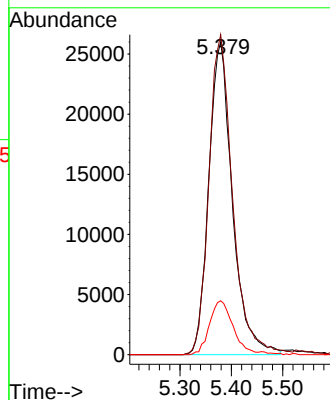
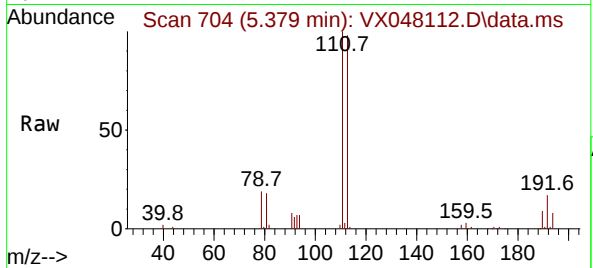




#35
Dibromofluoromethane
Concen: 49.637 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

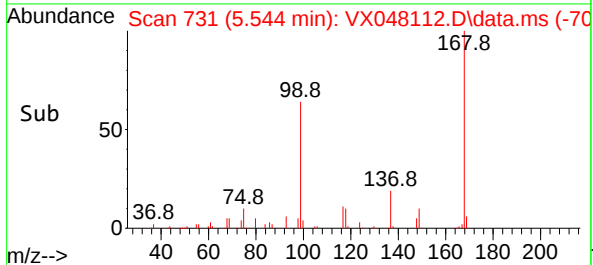
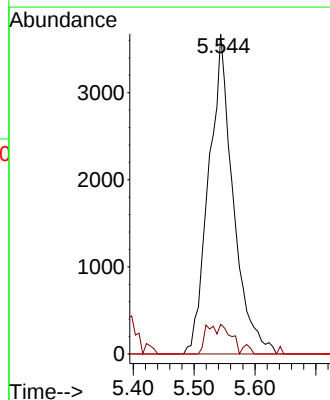
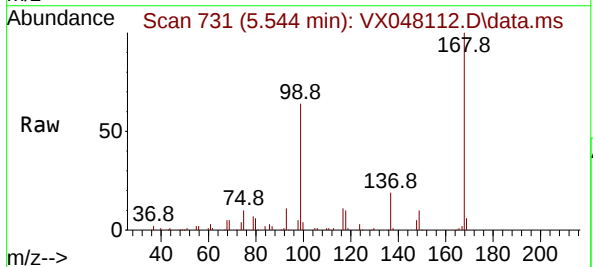
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Tgt Ion:113 Resp: 82913
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 17.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.188 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

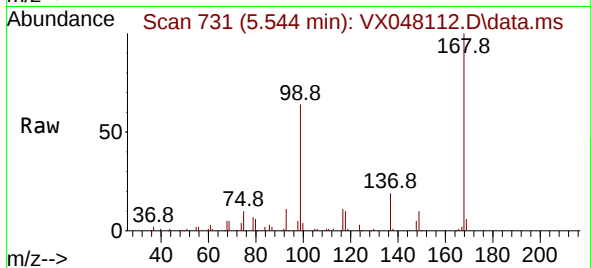
Tgt Ion: 75 Resp: 10223
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.1#
77 0.0 24.3 36.5#



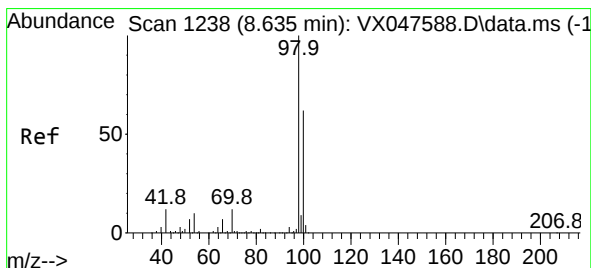
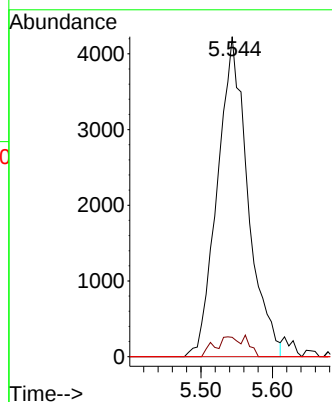
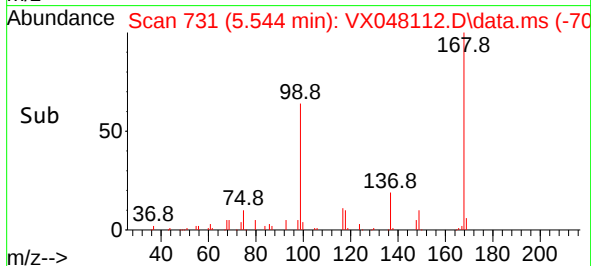


#38
Carbon Tetrachloride
Concen: 4.723 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

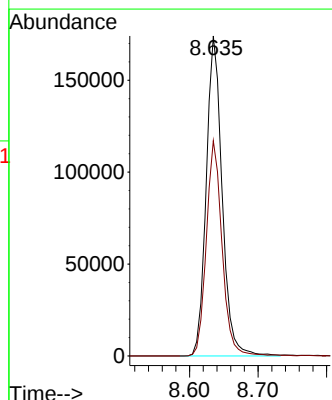
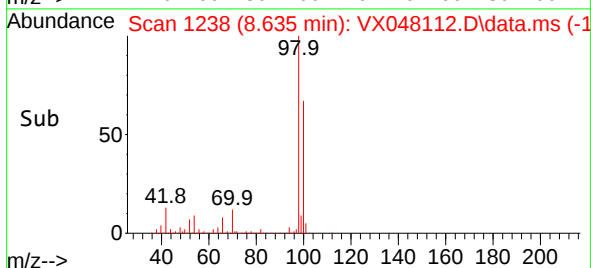
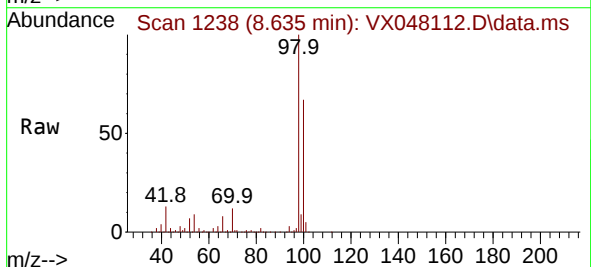


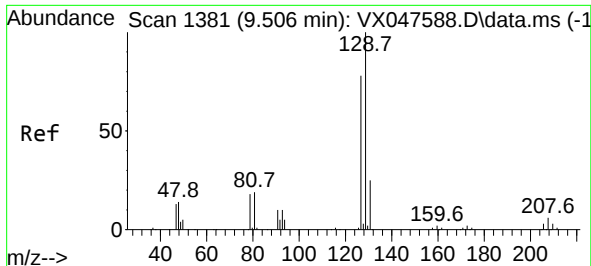
Tgt Ion:117 Resp: 12524
Ion Ratio Lower Upper
117 100
119 6.1 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.663 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 98 Resp: 281261
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

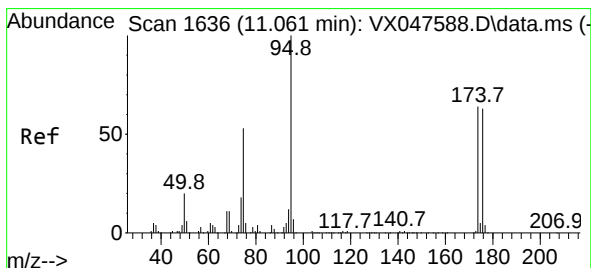
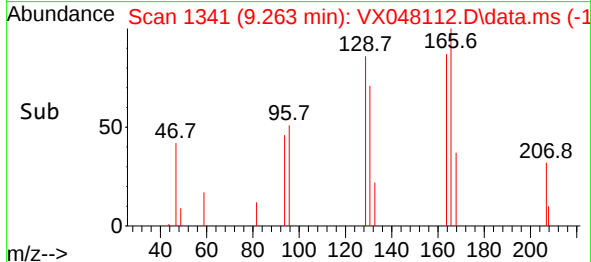
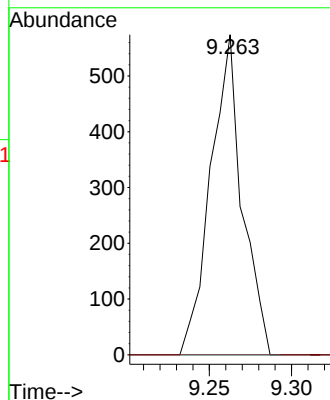
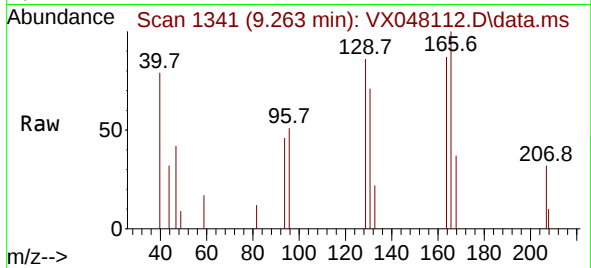




#60
Dibromochloromethane
Concen: 0.377 ug/l
RT: 9.263 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

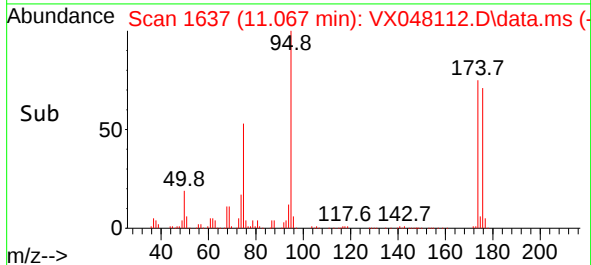
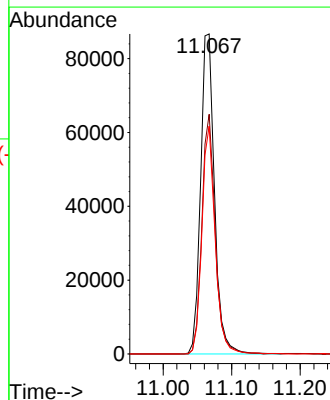
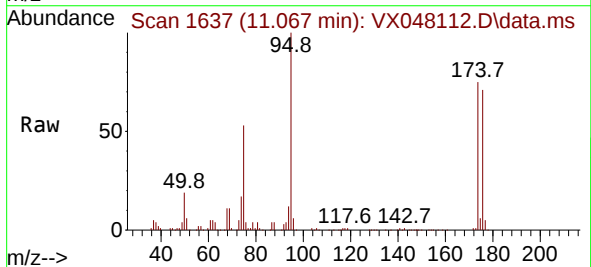
Instrument :
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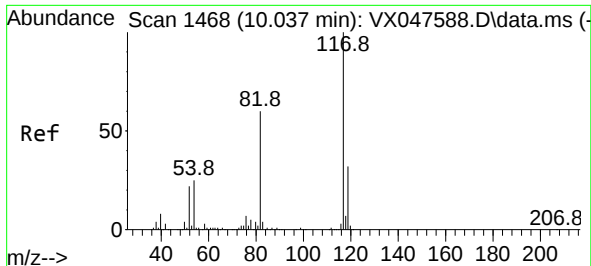
Tgt Ion:129 Resp: 765
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 55.857 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 95 Resp: 122524
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 68.0 0.0 138.4

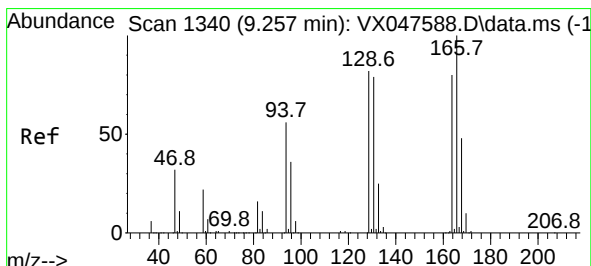
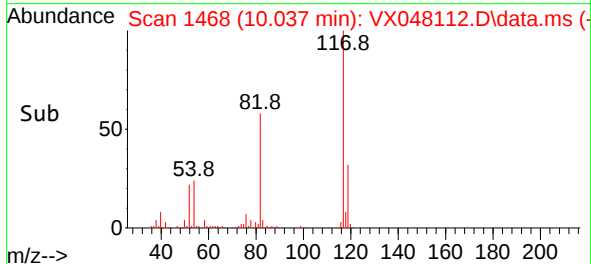
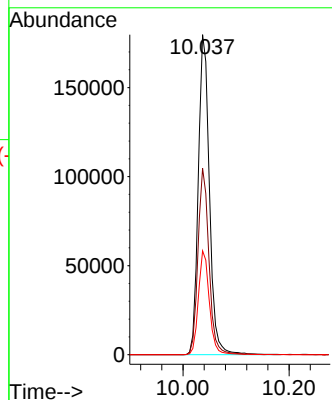
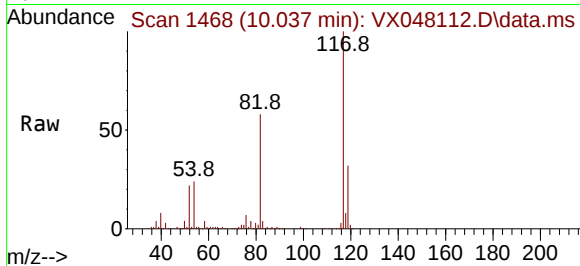




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

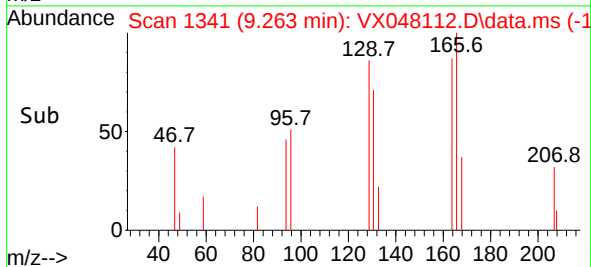
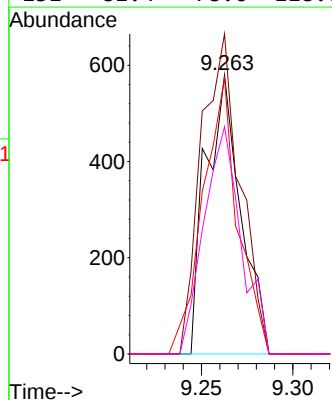
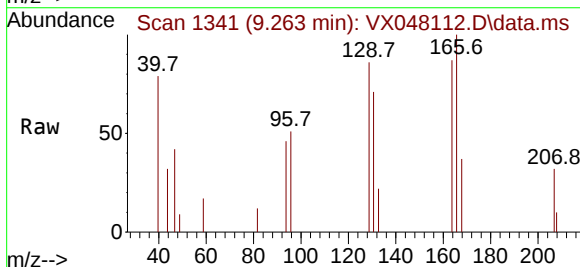
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

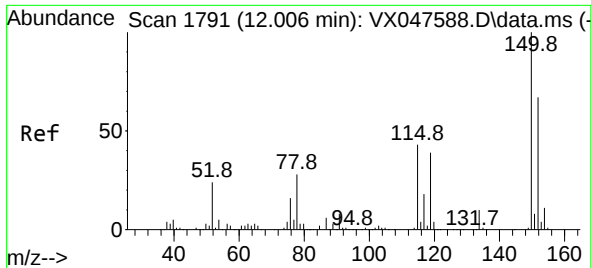
Tgt Ion:117 Resp: 261922
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 32.5 25.2 37.8



#64
Tetrachloroethene
Concen: 0.454 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion:164 Resp: 775
Ion Ratio Lower Upper
164 100
166 114.7 100.2 150.2
129 99.0 81.8 122.6
131 81.4 78.6 118.0

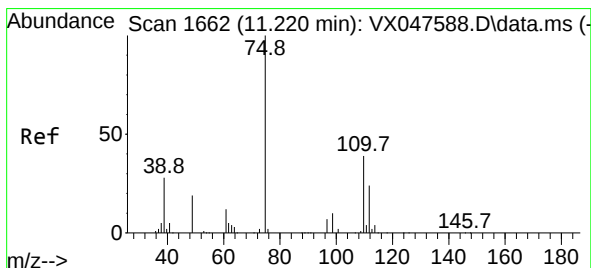
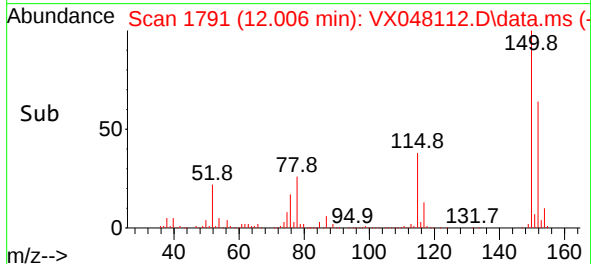
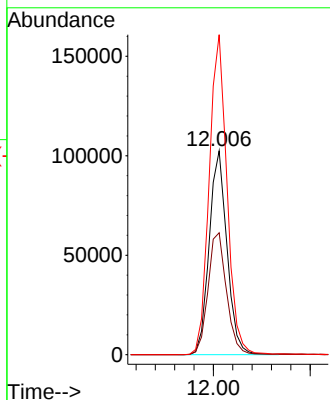
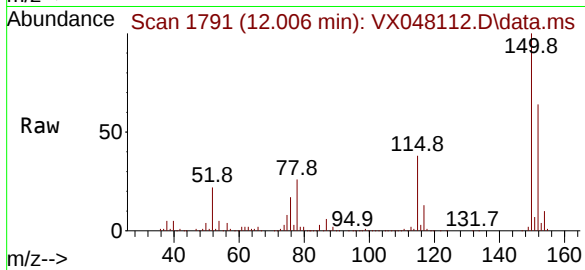




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048112.D
 Acq: 10 Oct 2025 15:13

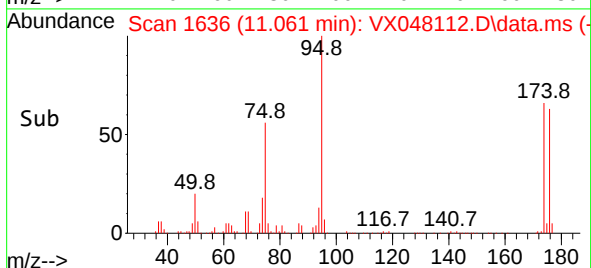
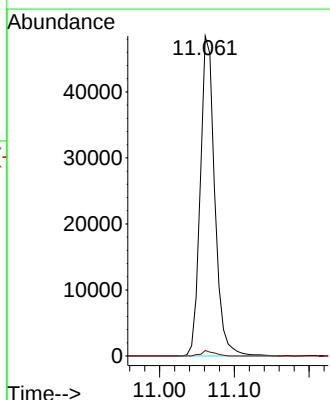
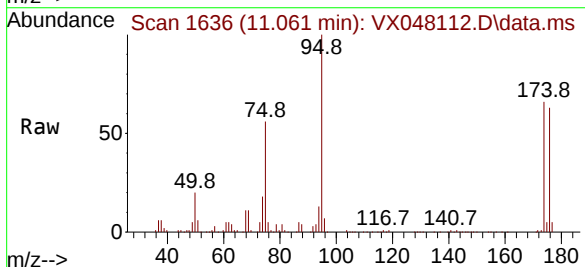
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-860-862

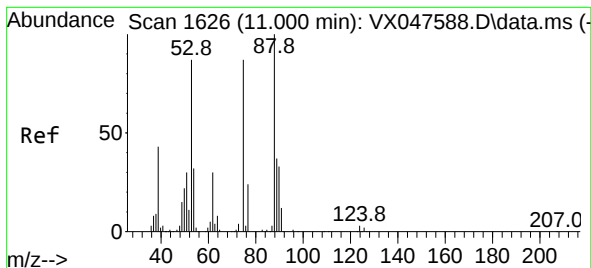
Tgt Ion:152 Resp: 131287
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.9 134.5
 150 157.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.516 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048112.D
 Acq: 10 Oct 2025 15:13

Tgt Ion: 75 Resp: 65168
 Ion Ratio Lower Upper
 75 100
 77 1.5 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.520 ug/l
 RT: 11.061 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX048112.D
 Acq: 10 Oct 2025 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-860-862

Tgt Ion: 75 Resp: 65168
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

