

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047731.D
 Acq On : 23 Sep 2025 14:28
 Operator : JC/MD
 Sample : Q3141-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-100-102

Quant Time: Sep 24 01:33:16 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)

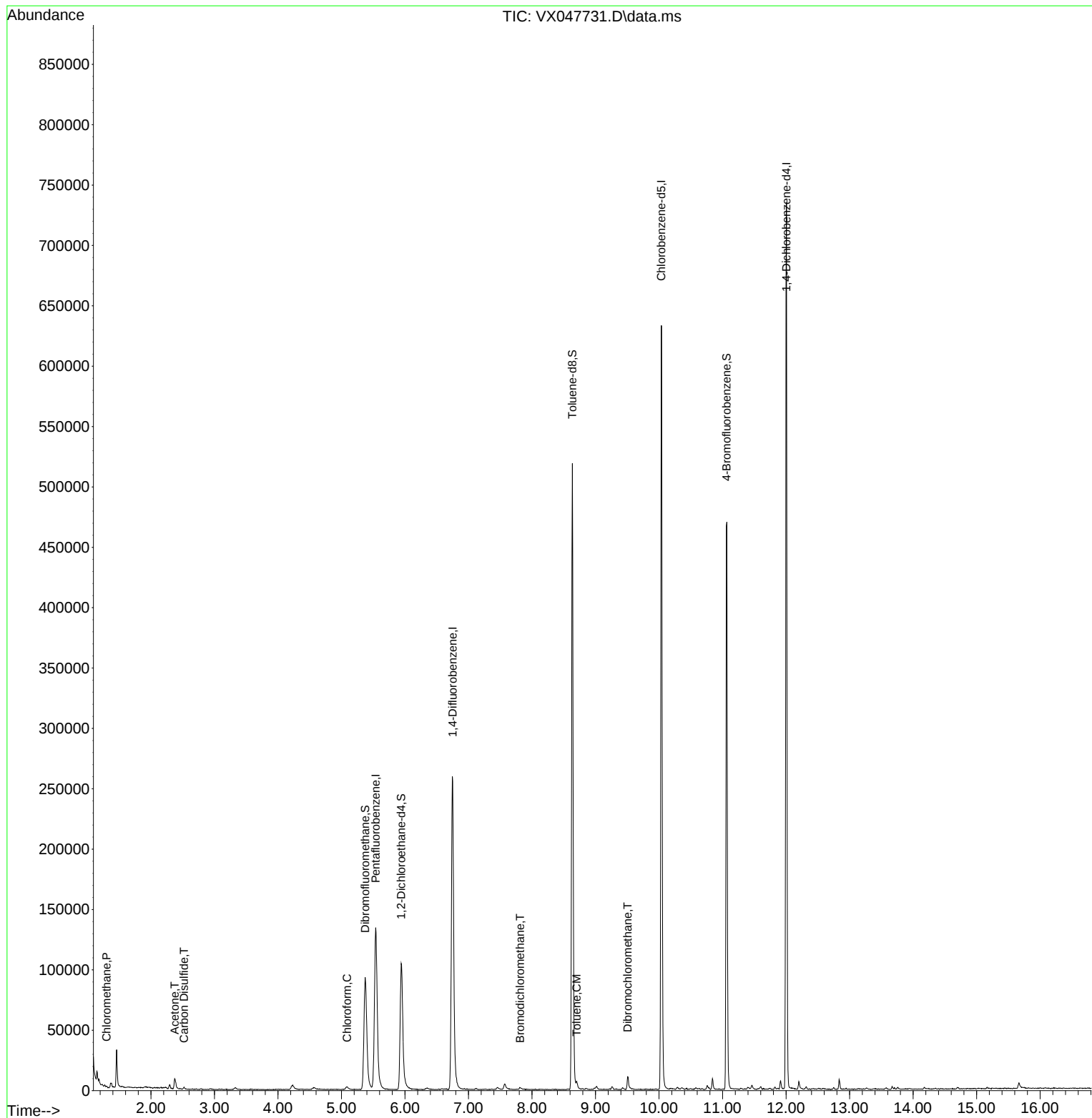
Internal Standards						
1) Pentafluorobenzene	5.538	168	134925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	115961	53.994	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.980%		
35) Dibromofluoromethane	5.373	113	91274	48.658	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.320%		
50) Toluene-d8	8.635	98	316916	48.826	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.660%		
62) 4-Bromofluorobenzene	11.061	95	141454	57.423	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.840%		
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	618	0.337	ug/l	91
16) Acetone	2.374	43	11865	12.706	ug/l	98
17) Carbon Disulfide	2.520	76	1155	0.263	ug/l	100
30) Chloroform	5.087	83	2796	0.812	ug/l	97
47) Bromodichloromethane	7.812	83	1138	0.355	ug/l #	71
52) Toluene	8.702	92	1962	0.383	ug/l	96
60) Dibromochloromethane	9.506	129	1227	0.538	ug/l	96

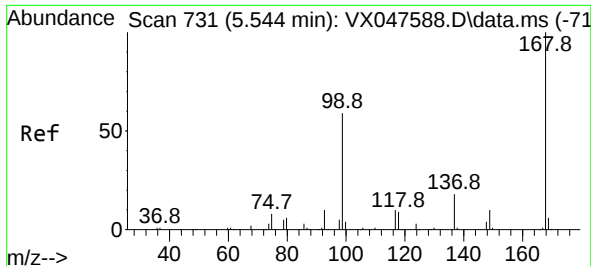
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
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BP-VPB-184-GW-100-102

Quant Time: Sep 24 01:33:16 2025
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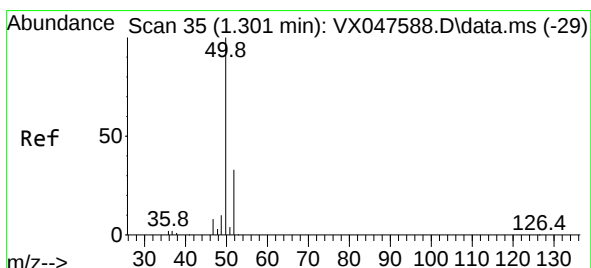
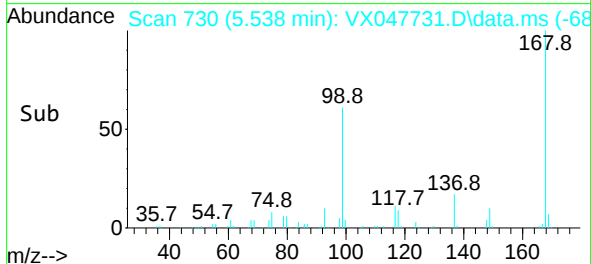
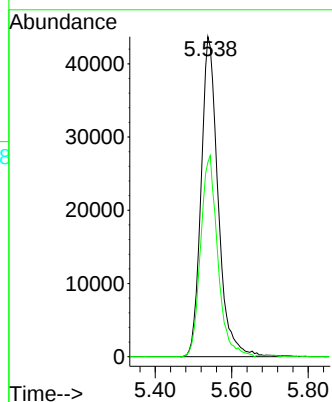
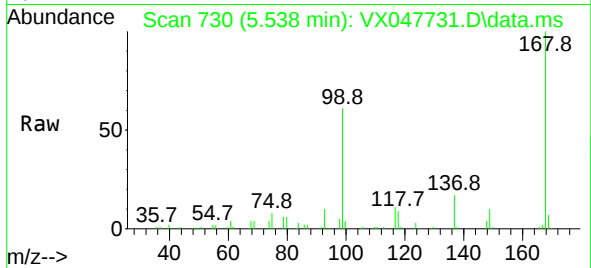




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

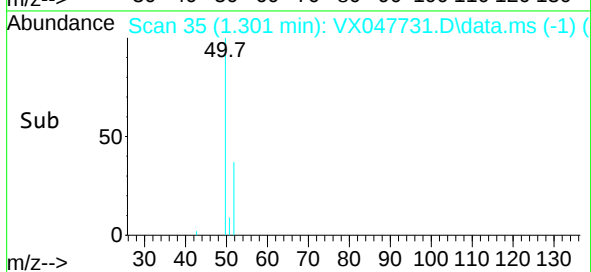
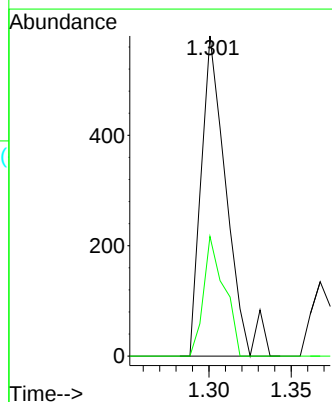
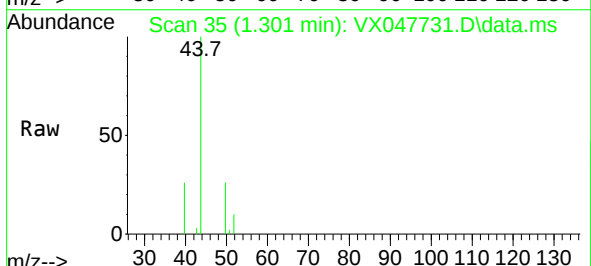
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-100-102

Tgt Ion:168 Resp: 134925
Ion Ratio Lower Upper
168 100
99 60.8 48.8 73.2



#3
Chloromethane
Concen: 0.337 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

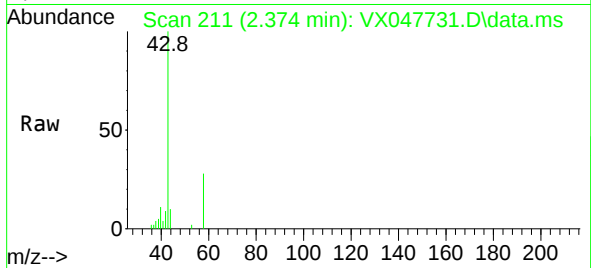
Tgt Ion: 50 Resp: 618
Ion Ratio Lower Upper
50 100
52 37.4 26.1 39.1



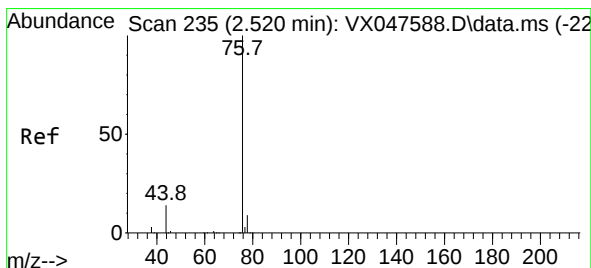
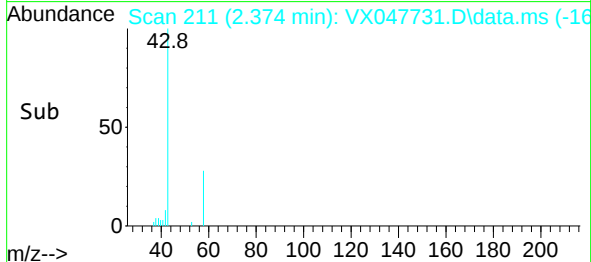
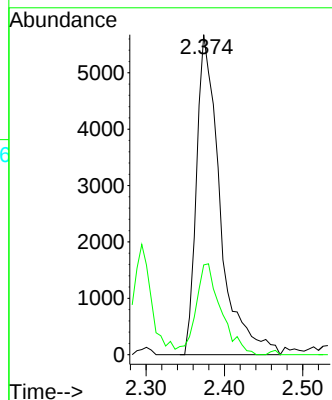


#16
Acetone
Concen: 12.706 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-100-102

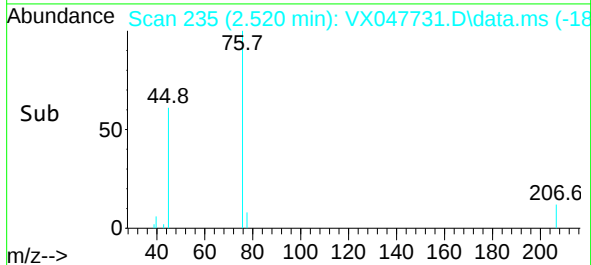
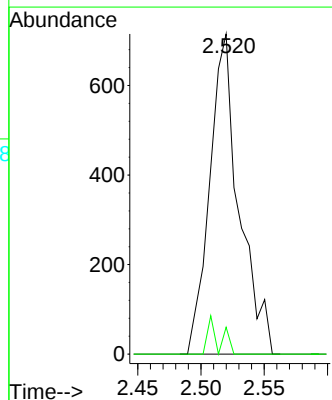
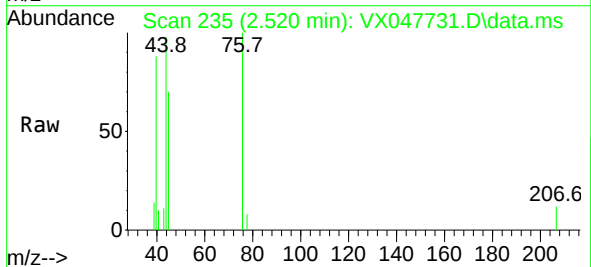


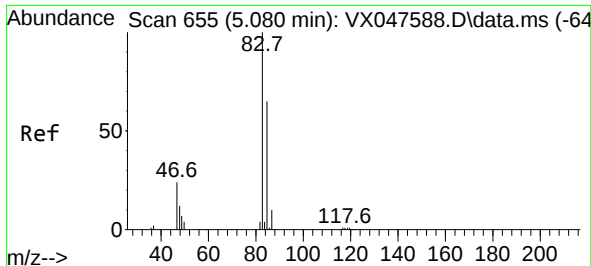
Tgt Ion: 43 Resp: 11865
Ion Ratio Lower Upper
43 100
58 28.0 23.4 35.0



#17
Carbon Disulfide
Concen: 0.263 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 76 Resp: 1155
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

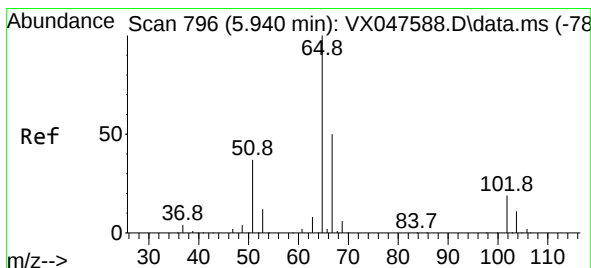
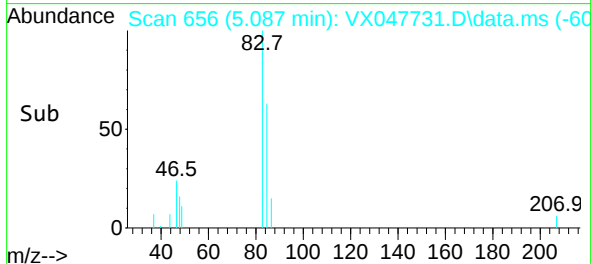
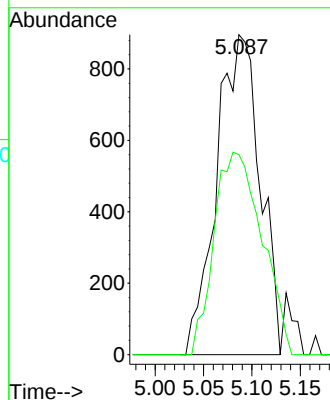
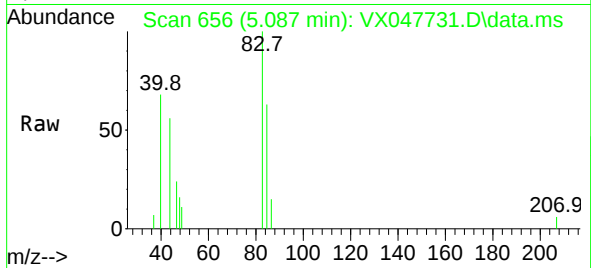




#30
Chloroform
Concen: 0.812 ug/l
RT: 5.087 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

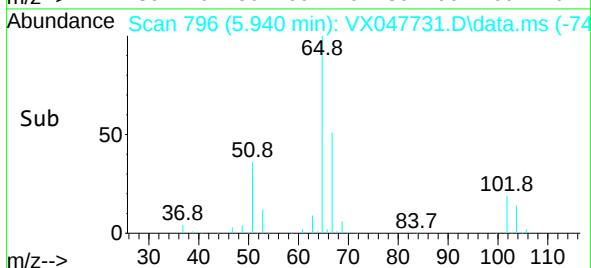
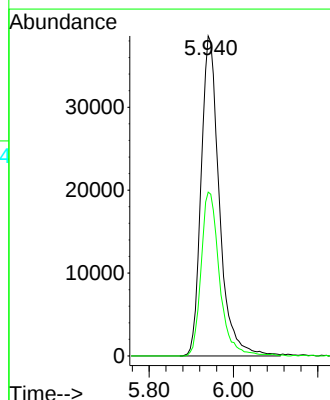
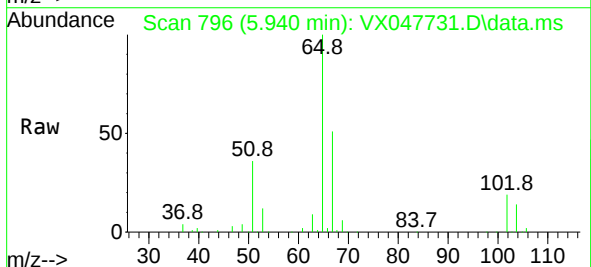
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-100-102

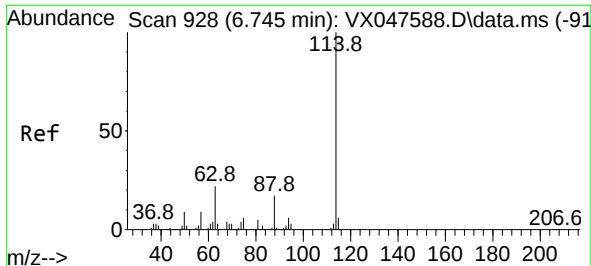
Tgt Ion: 83 Resp: 2796
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 53.994 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 65 Resp: 115961
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

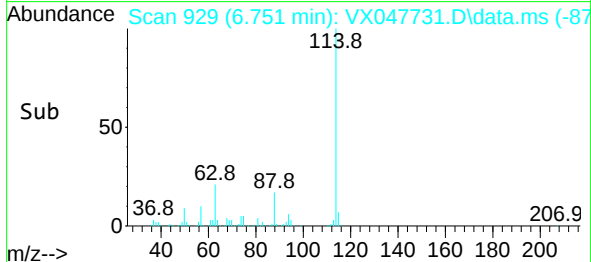
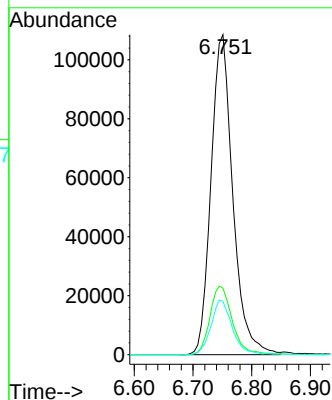
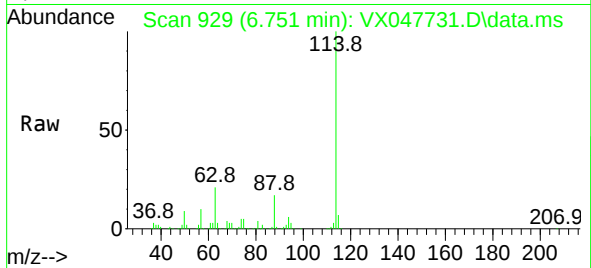




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

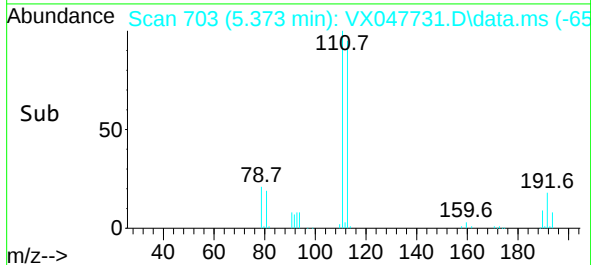
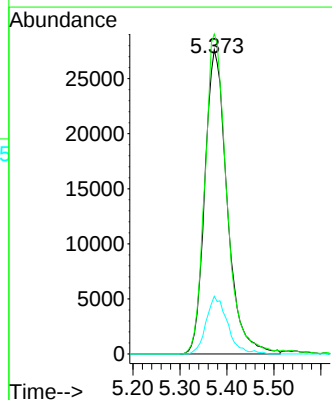
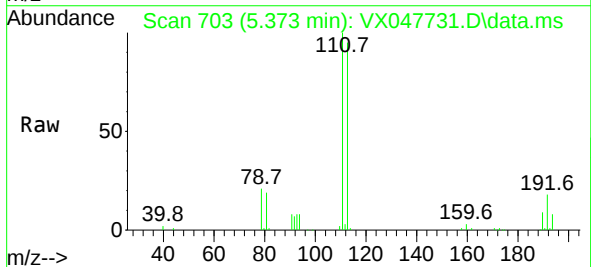
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-100-102

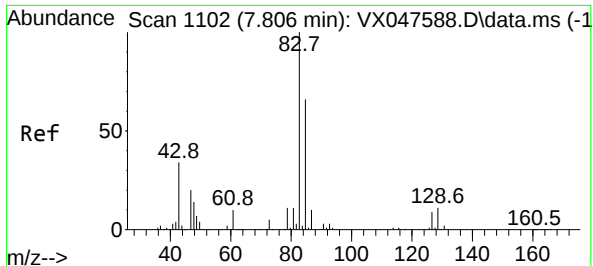
Tgt Ion:114 Resp: 279701
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.658 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

Tgt Ion:113 Resp: 91274
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 17.9 14.2 21.4

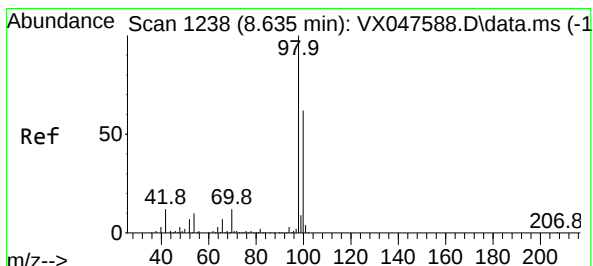
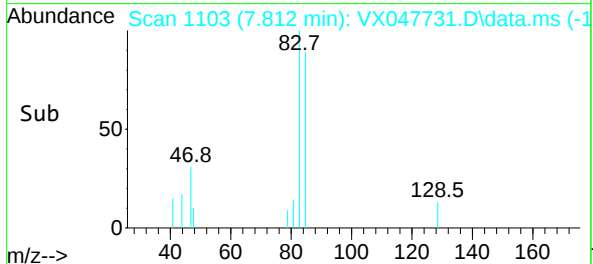
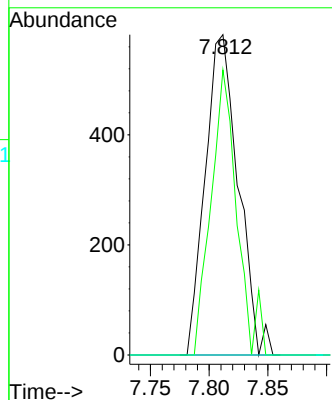
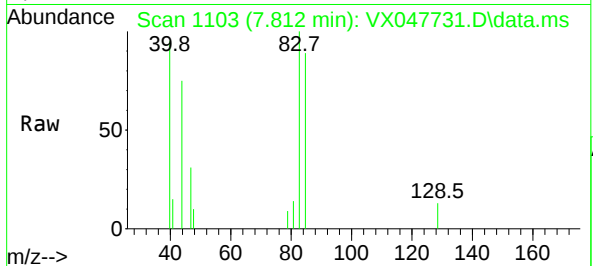




#47
Bromodichloromethane
Concen: 0.355 ug/l
RT: 7.812 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

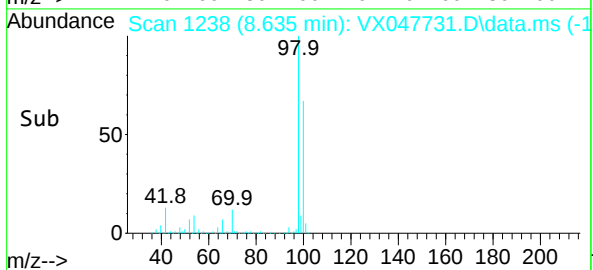
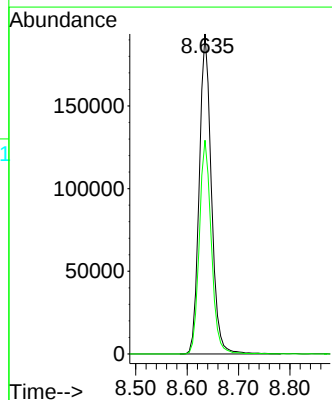
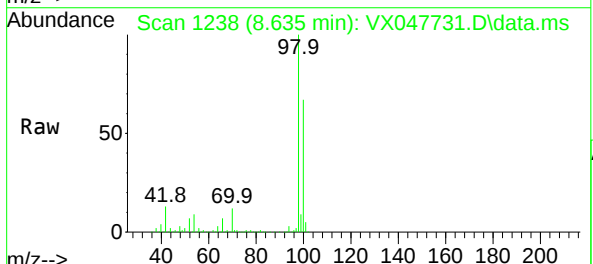
Instrument :
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ClientSampleId :
BP-VPB-184-GW-100-102

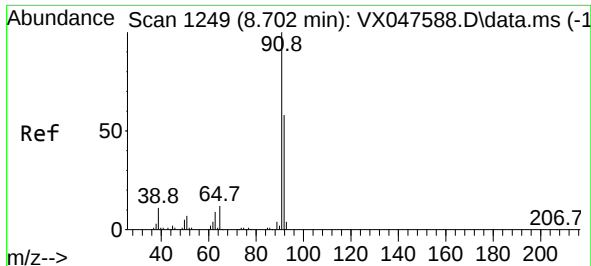
Tgt Ion: 83 Resp: 1138
Ion Ratio Lower Upper
83 100
85 89.0 52.5 78.7#
127 0.0 6.9 10.3#



#50
Toluene-d8
Concen: 48.826 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 98 Resp: 316916
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

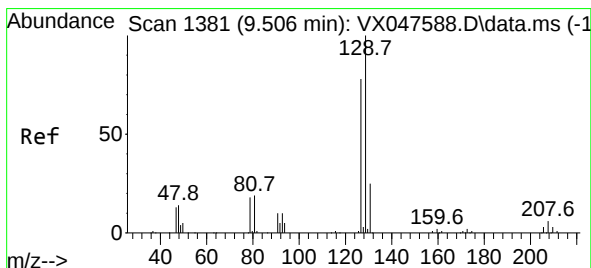
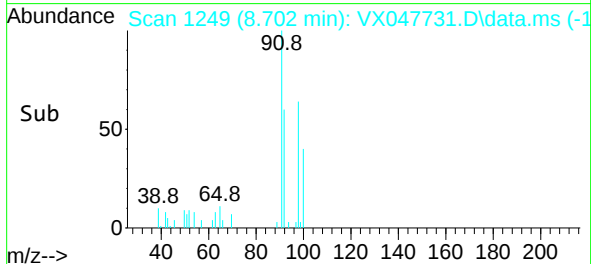
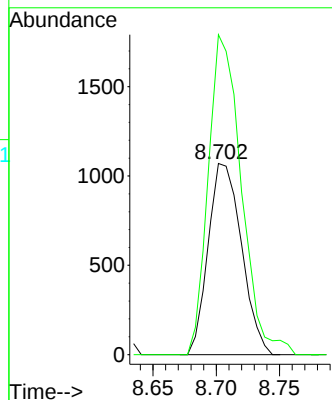
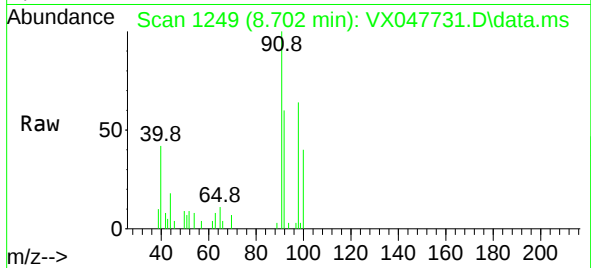




#52
Toluene
Concen: 0.383 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

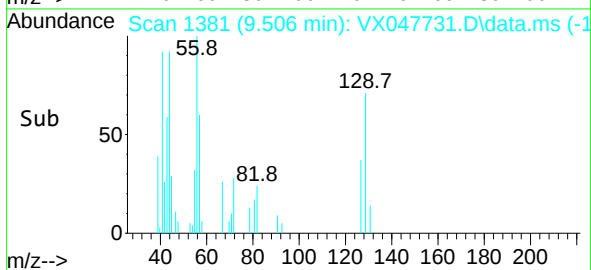
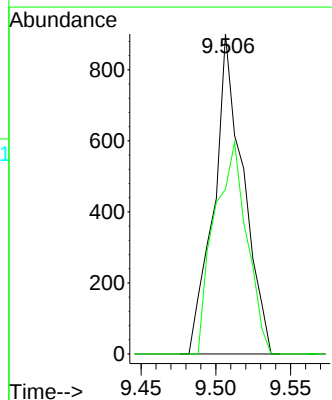
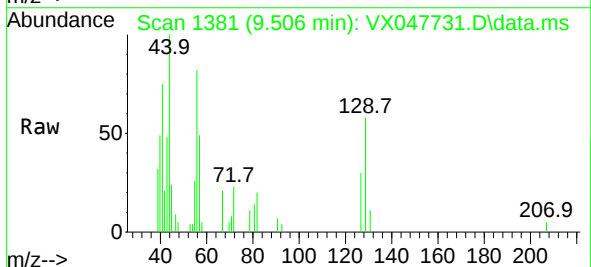
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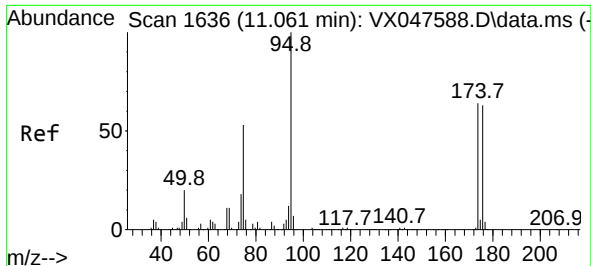
Tgt Ion: 92 Resp: 1962
Ion Ratio Lower Upper
92 100
91 166.2 137.1 205.7



#60
Dibromochloromethane
Concen: 0.538 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 129 Resp: 1227
Ion Ratio Lower Upper
129 100
127 73.5 38.4 115.2

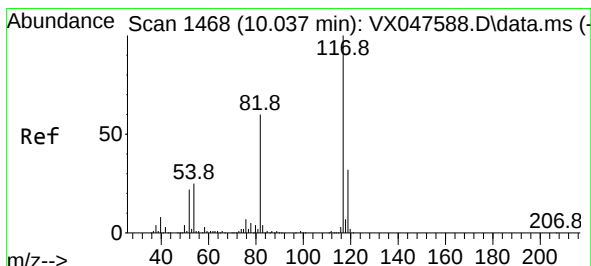
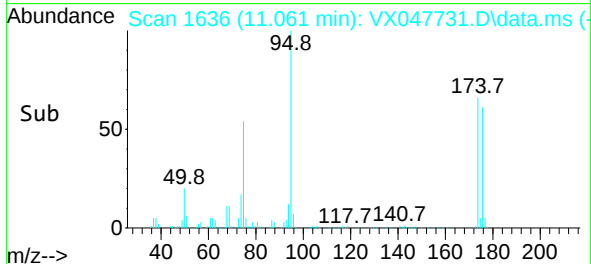
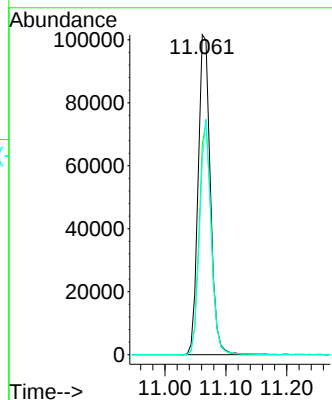
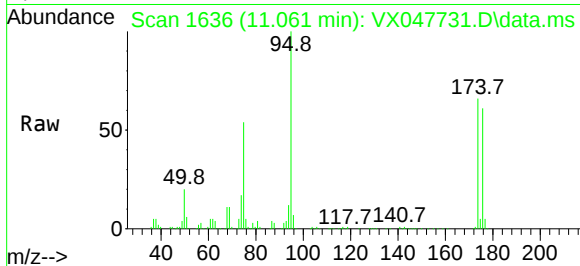




#62
4-Bromofluorobenzene
Concen: 57.423 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

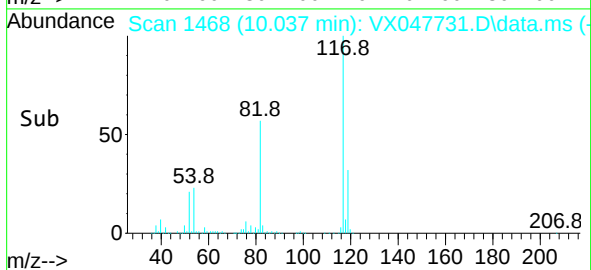
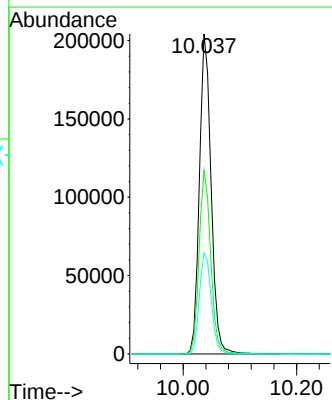
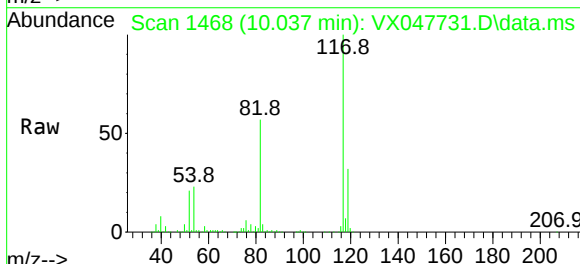
Instrument :
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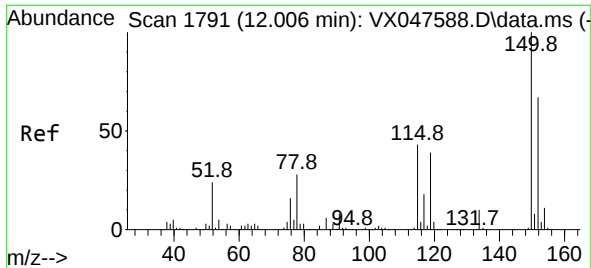
Tgt Ion: 95 Resp: 141454
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 68.8 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047731.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 117 Resp: 291553
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 31.6 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047731.D

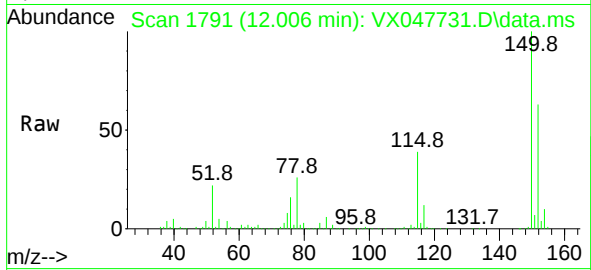
Acq: 23 Sep 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-100-102



Tgt Ion:152 Resp: 150320

Ion Ratio Lower Upper

152 100

115 63.1 44.9 134.5

150 158.1 0.0 352.0

