

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047802.D
 Acq On : 25 Sep 2025 11:46
 Operator : JC/MD
 Sample : Q3165-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-240-242

Quant Time: Sep 26 01:25:21 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)

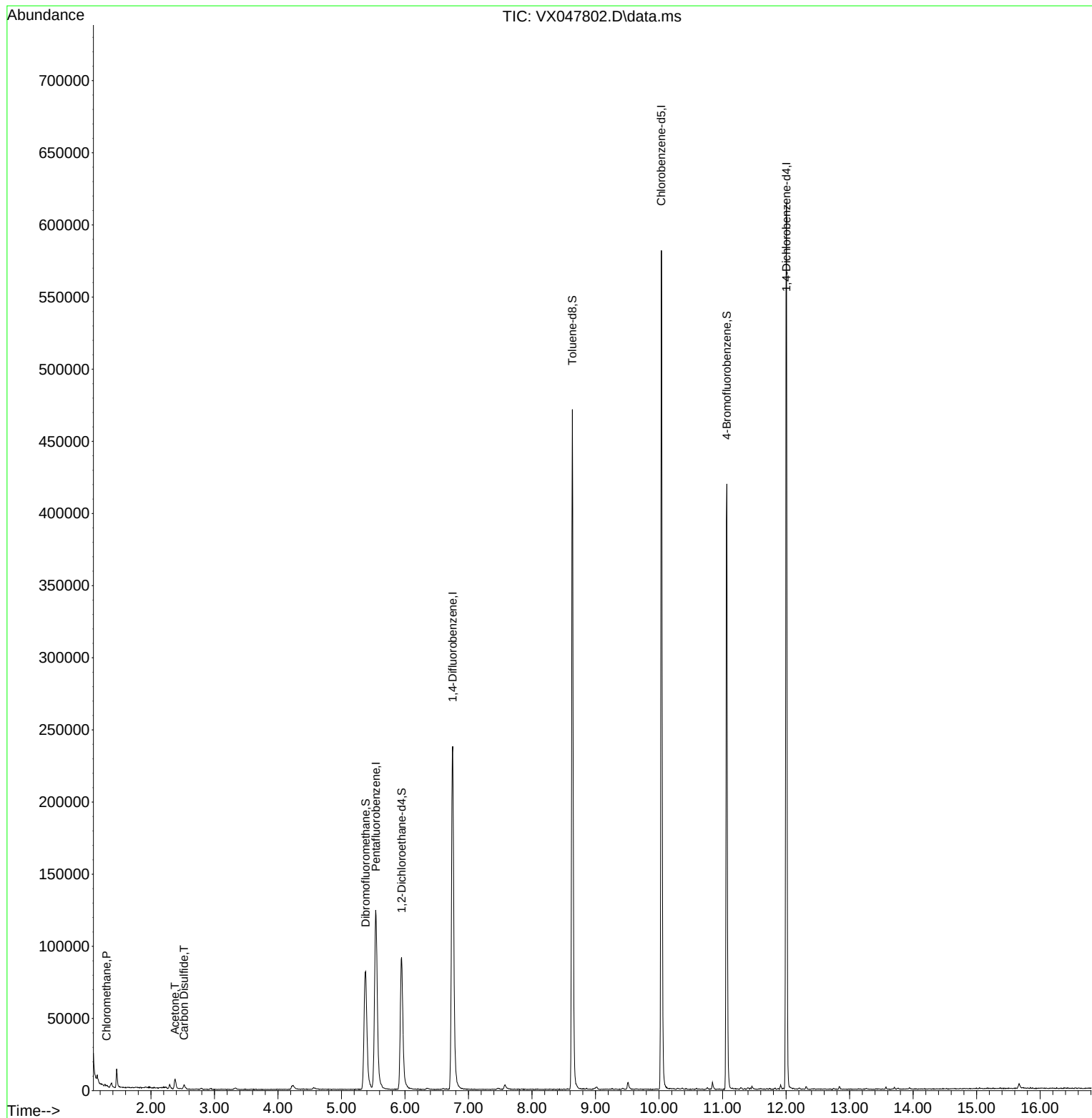
Internal Standards						
1) Pentafluorobenzene	5.544	168	123778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	265025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98189	49.836	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.680%
35) Dibromofluoromethane	5.379	113	82214	47.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	8.635	98	286170	47.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.700%
62) 4-Bromofluorobenzene	11.067	95	118315	51.583	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1131	0.671	ug/l #	88
16) Acetone	2.380	43	9289	10.843	ug/l #	87
17) Carbon Disulfide	2.520	76	2412	0.599	ug/l	96

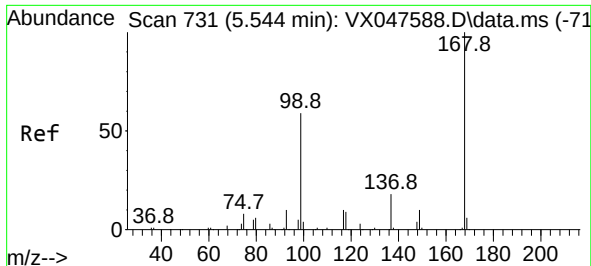
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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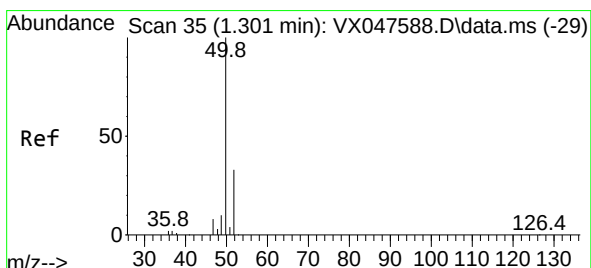
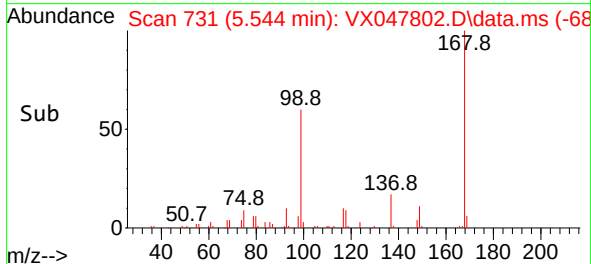
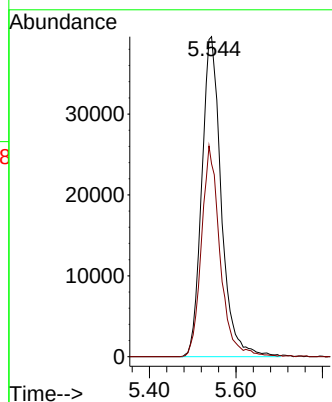
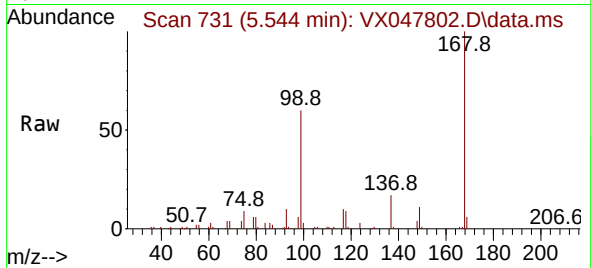




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047802.D
Acq: 25 Sep 2025 11:46

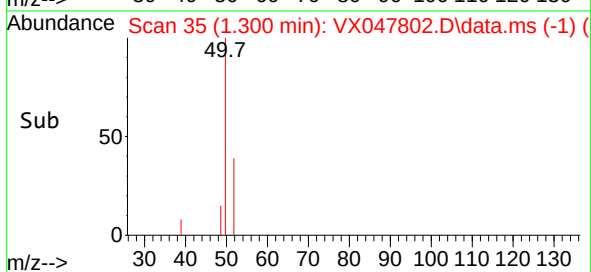
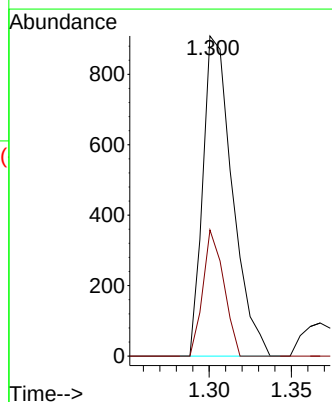
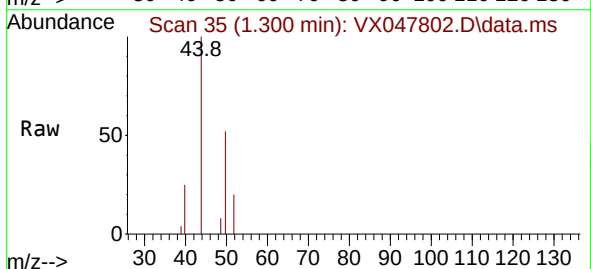
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-240-242

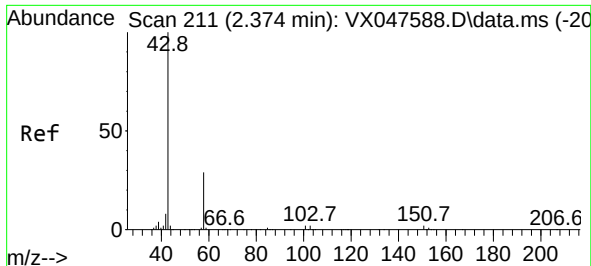
Tgt Ion:168 Resp: 123778
Ion Ratio Lower Upper
168 100
99 60.2 48.8 73.2



#3
Chloromethane
Concen: 0.671 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047802.D
Acq: 25 Sep 2025 11:46

Tgt Ion: 50 Resp: 1131
Ion Ratio Lower Upper
50 100
52 39.4 26.1 39.1#

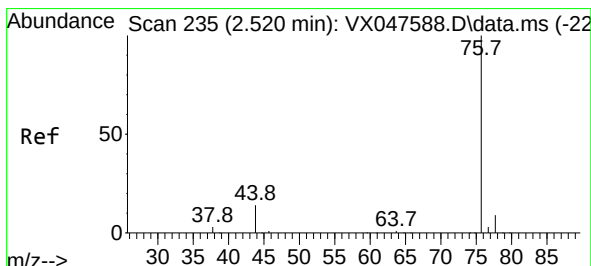
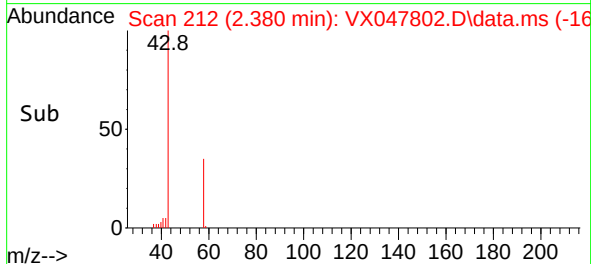
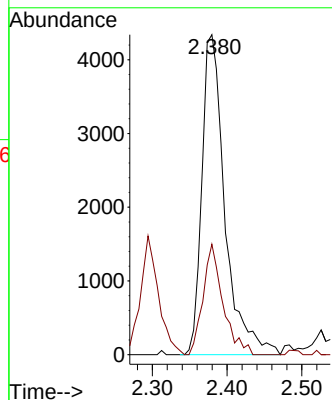
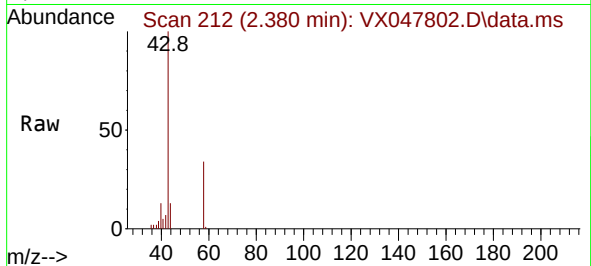




#16
Acetone
Concen: 10.843 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047802.D
Acq: 25 Sep 2025 11:46

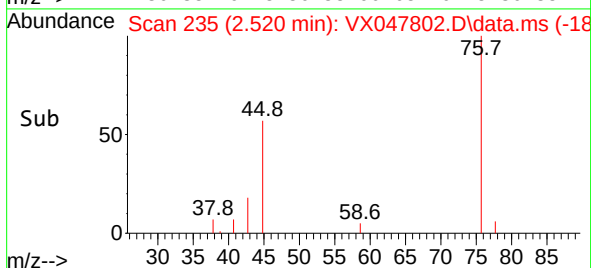
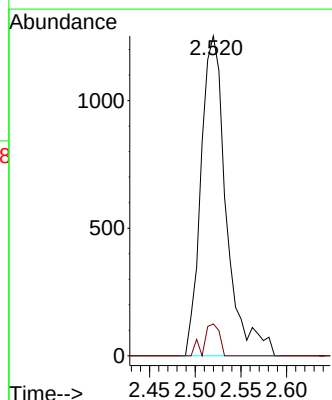
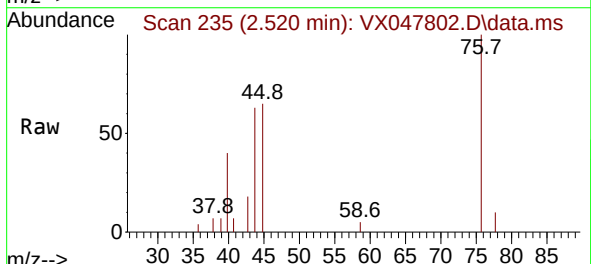
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-240-242

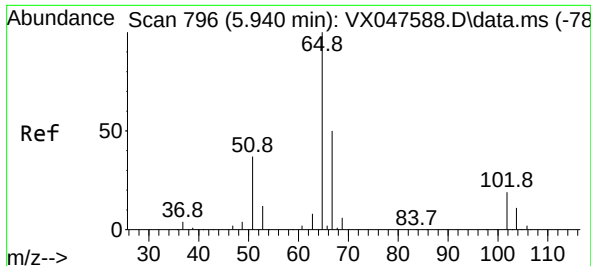
Tgt Ion: 43 Resp: 9289
Ion Ratio Lower Upper
43 100
58 36.0 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.599 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047802.D
Acq: 25 Sep 2025 11:46

Tgt Ion: 76 Resp: 2412
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 49.836 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047802.D

Acq: 25 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

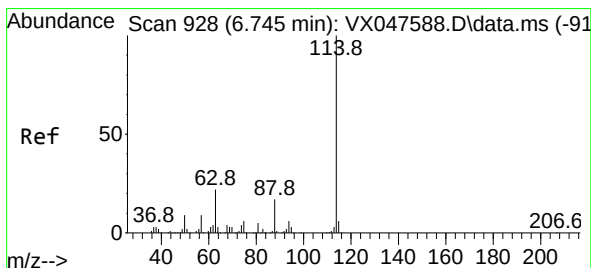
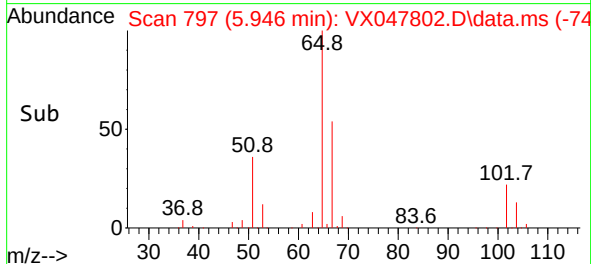
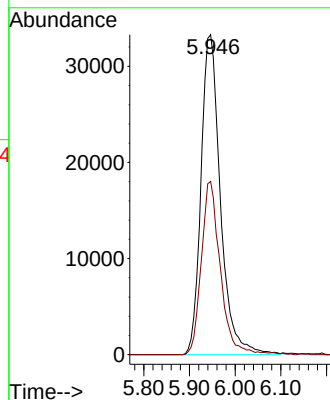
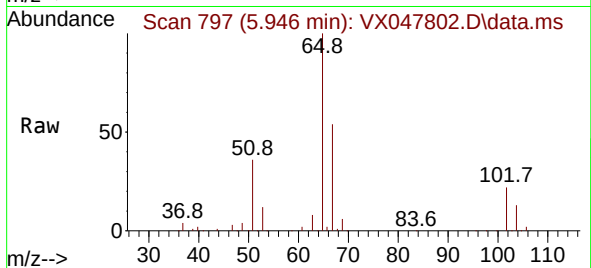
BP-VPB-184-GW-240-242

Tgt Ion: 65 Resp: 98189

Ion Ratio Lower Upper

65 100

67 53.0 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: VX047802.D

Acq: 25 Sep 2025 11:46

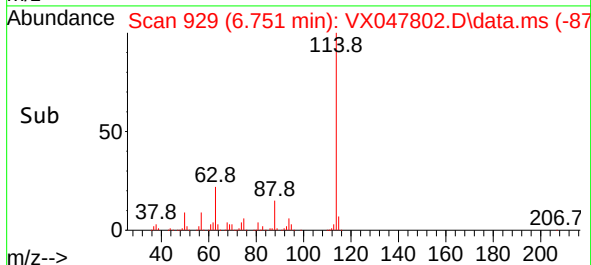
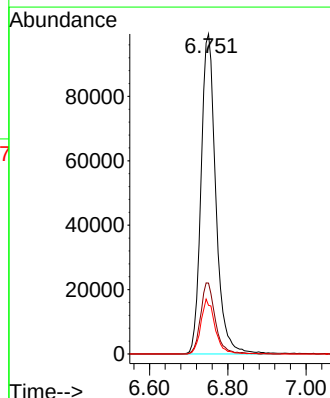
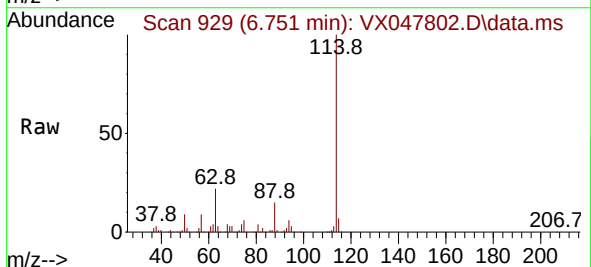
Tgt Ion: 114 Resp: 260434

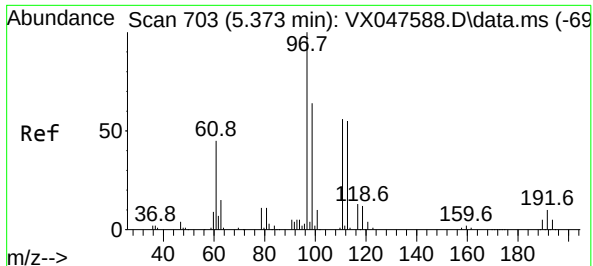
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 15.2 0.0 34.2

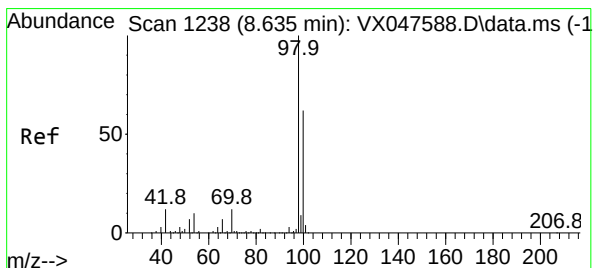
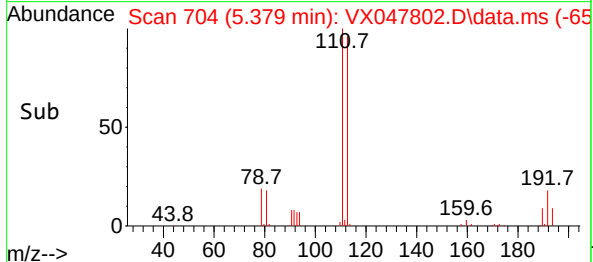
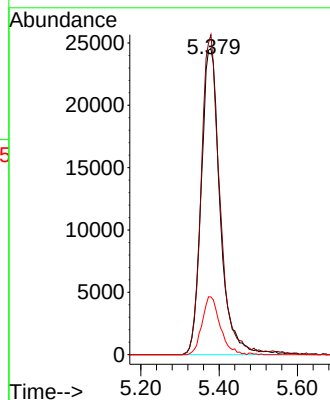
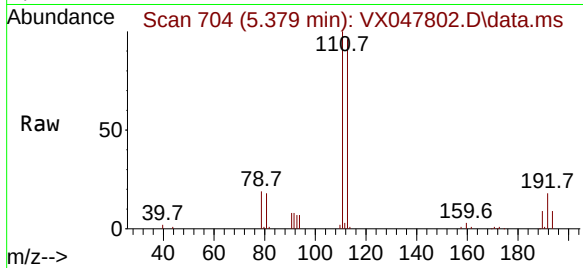




#35
Dibromofluoromethane
Concen: 47.071 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047802.D
Acq: 25 Sep 2025 11:46

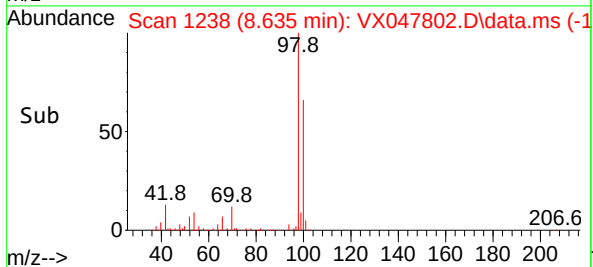
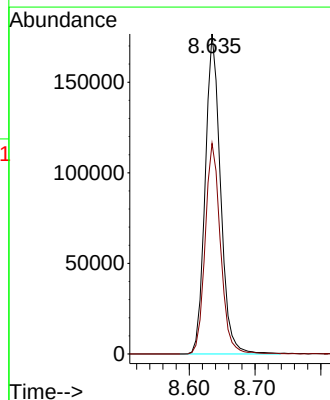
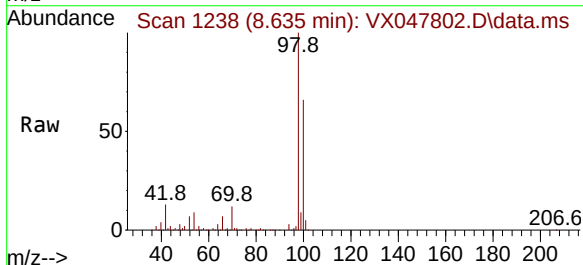
Instrument :
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ClientSampleId :
BP-VPB-184-GW-240-242

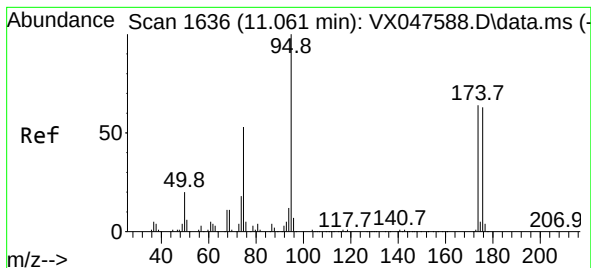
Tgt Ion:113 Resp: 82214
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 18.0 14.2 21.4



#50
Toluene-d8
Concen: 47.351 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047802.D
Acq: 25 Sep 2025 11:46

Tgt Ion: 98 Resp: 286170
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 51.583 ug/l

RT: 11.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047802.D

Acq: 25 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-240-242

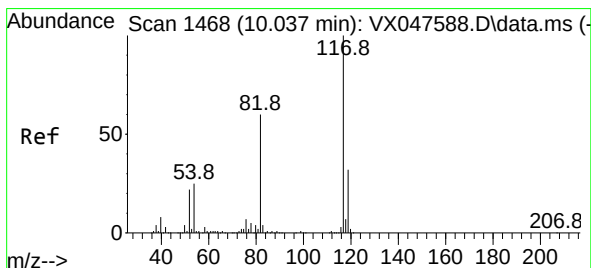
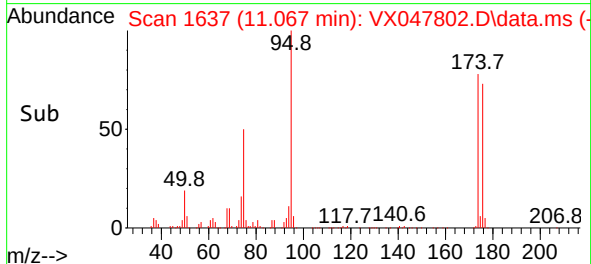
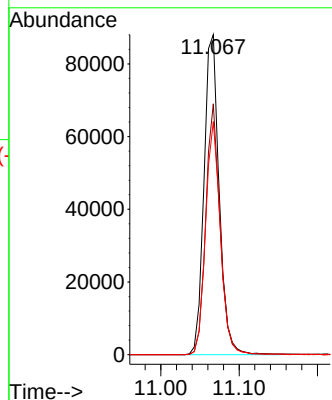
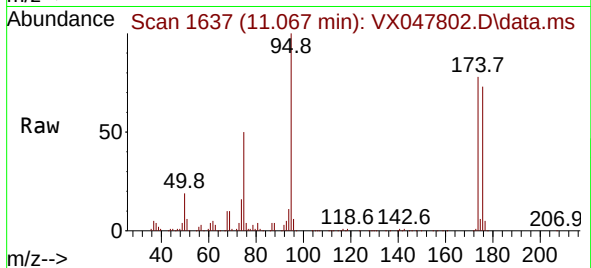
Tgt Ion: 95 Resp: 118315

Ion Ratio Lower Upper

95 100

174 74.2 0.0 141.6

176 71.1 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: VX047802.D

Acq: 25 Sep 2025 11:46

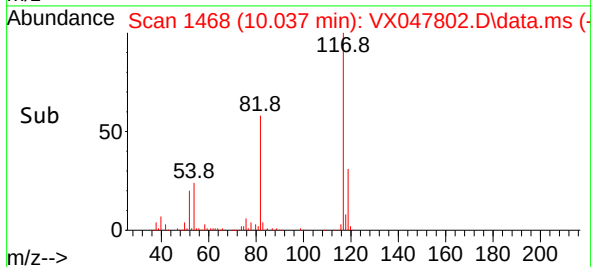
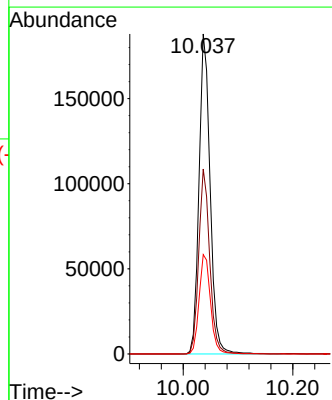
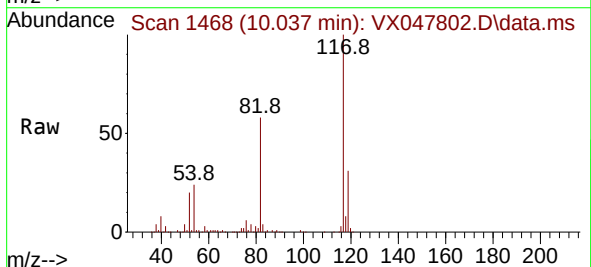
Tgt Ion: 117 Resp: 265025

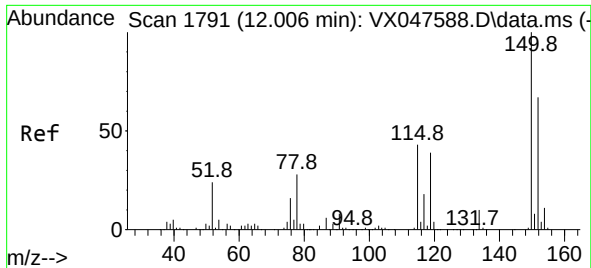
Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.6

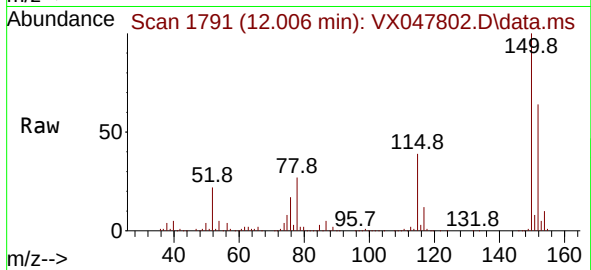
119 31.0 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047802.D
 Acq: 25 Sep 2025 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-240-242



Tgt Ion:152 Resp: 130114
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.9 134.5
 150 157.3 0.0 352.0

