

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047804.D
 Acq On : 25 Sep 2025 12:28
 Operator : JC/MD
 Sample : Q3165-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-280-282

Quant Time: Sep 26 01:26:12 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)

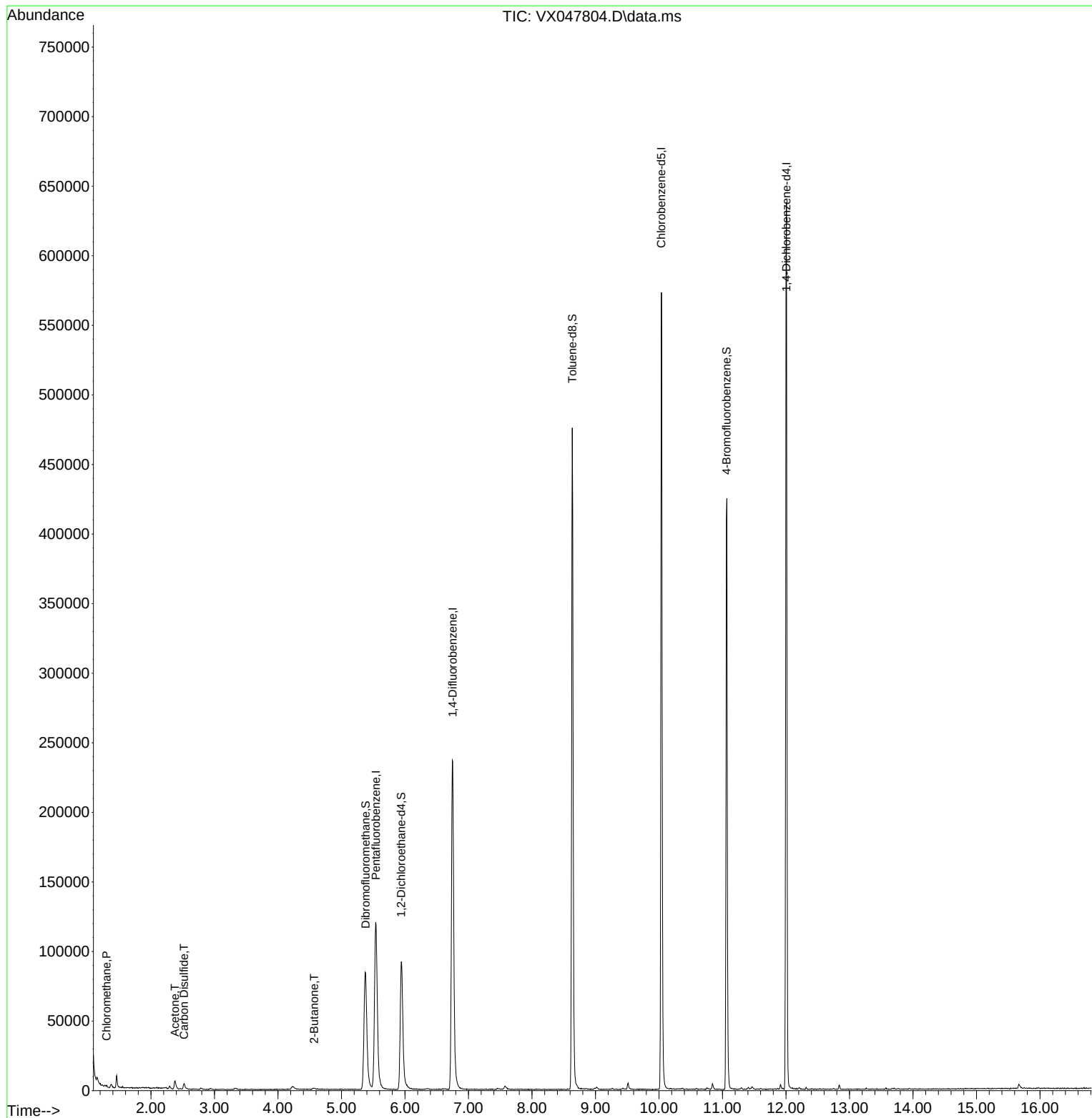
Internal Standards						
1) Pentafluorobenzene	5.544	168	122004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100439	51.719	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.440%
35) Dibromofluoromethane	5.379	113	84996	48.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	8.635	98	291903	48.198	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.061	95	124746	54.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.540%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	947	0.570	ug/l #	88
16) Acetone	2.380	43	7927	9.388	ug/l	100
17) Carbon Disulfide	2.520	76	2948	0.743	ug/l #	89
25) 2-Butanone	4.568	43	2118	2.011	ug/l	91

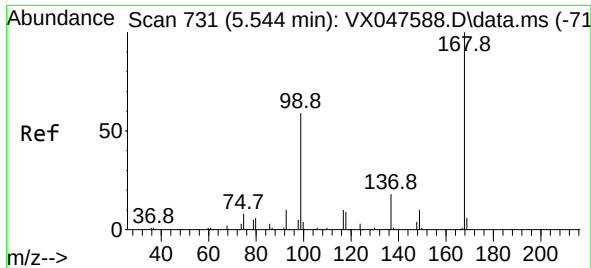
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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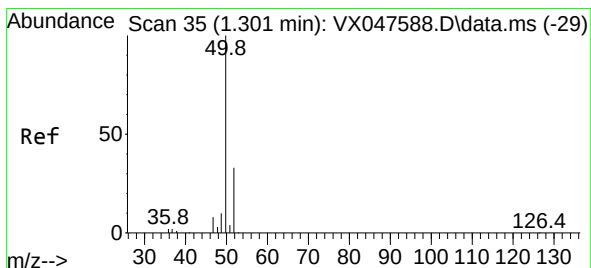
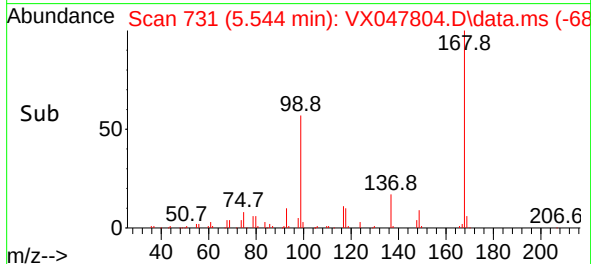
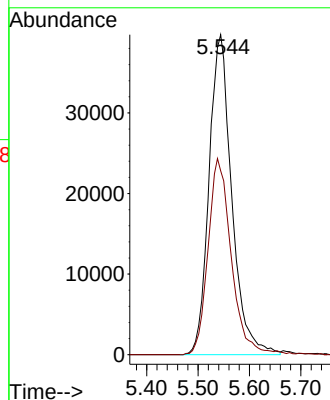
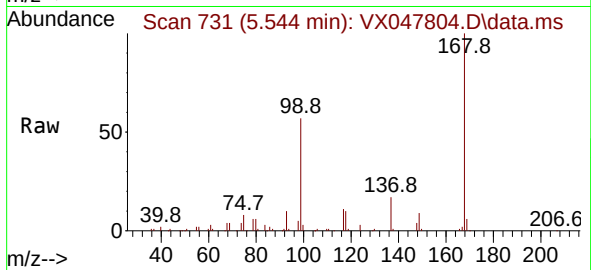




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

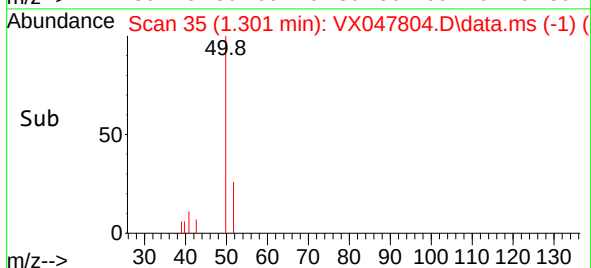
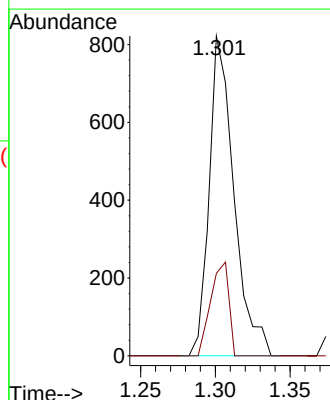
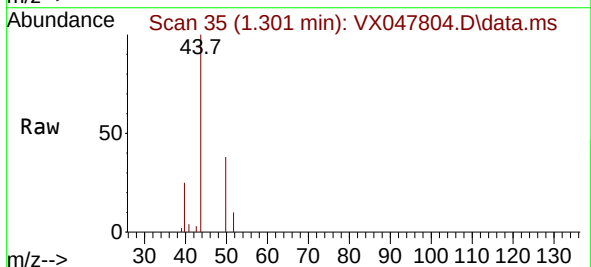
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

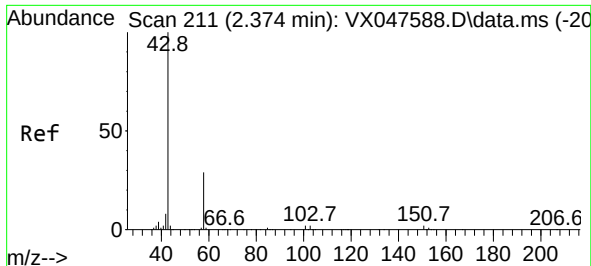
Tgt Ion:168 Resp: 122004
Ion Ratio Lower Upper
168 100
99 57.5 48.8 73.2



#3
Chloromethane
Concen: 0.570 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 50 Resp: 947
Ion Ratio Lower Upper
50 100
52 25.8 26.1 39.1#

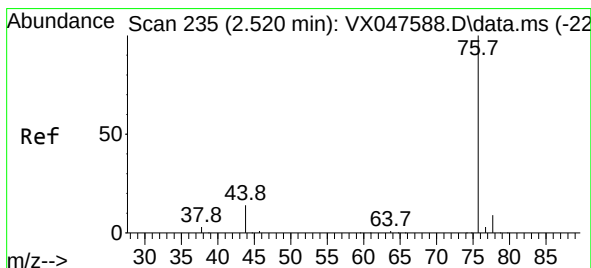
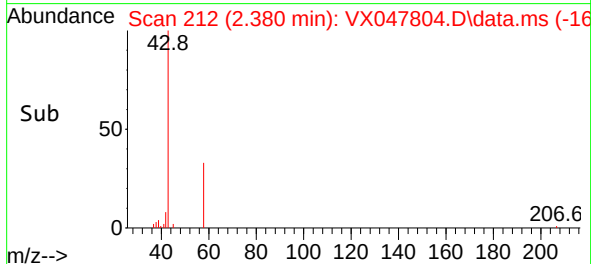
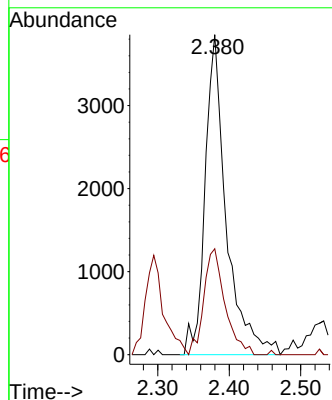
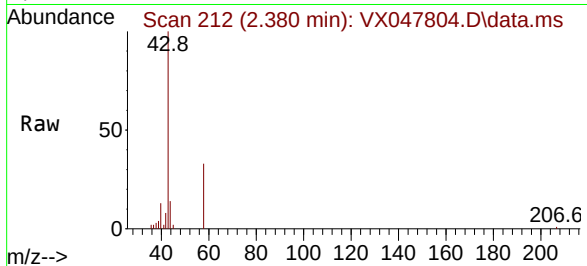




#16
Acetone
Concen: 9.388 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

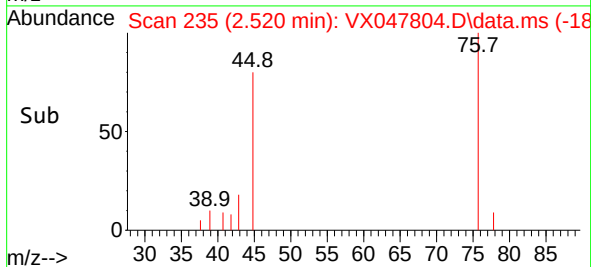
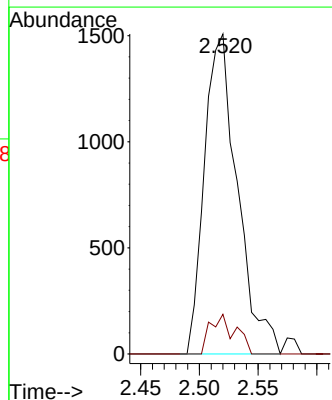
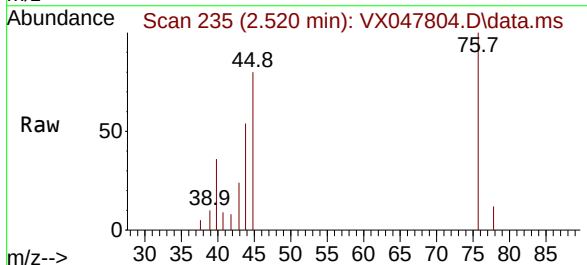
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

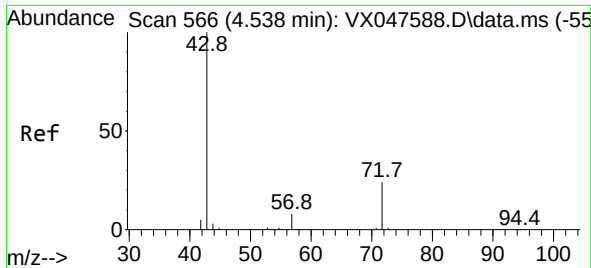
Tgt Ion: 43 Resp: 7927
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.0



#17
Carbon Disulfide
Concen: 0.743 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 76 Resp: 2948
Ion Ratio Lower Upper
76 100
78 12.4 6.8 10.2#

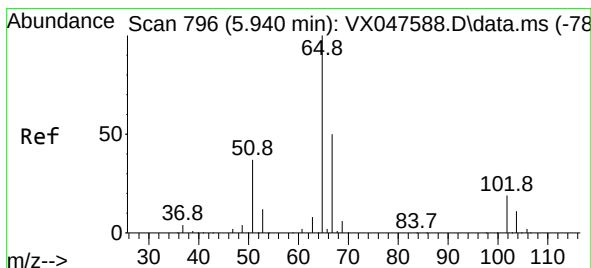
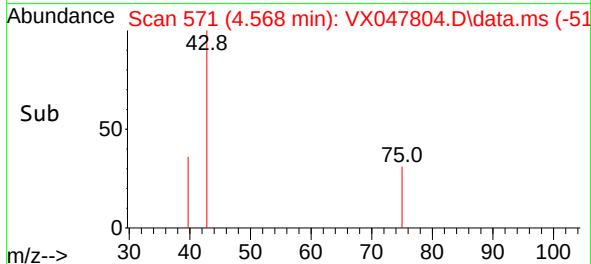
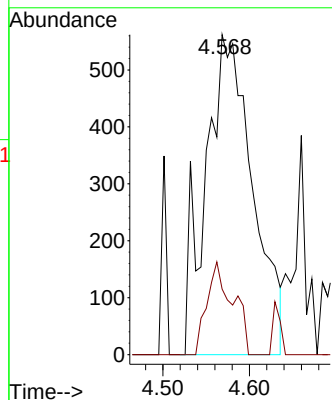
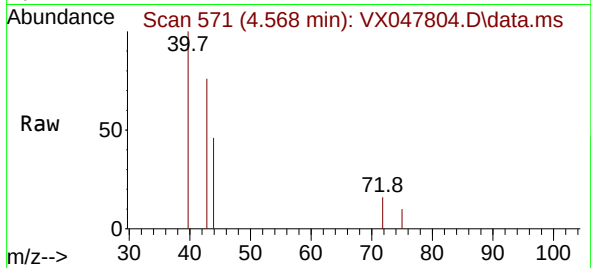




#25
2-Butanone
Concen: 2.011 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

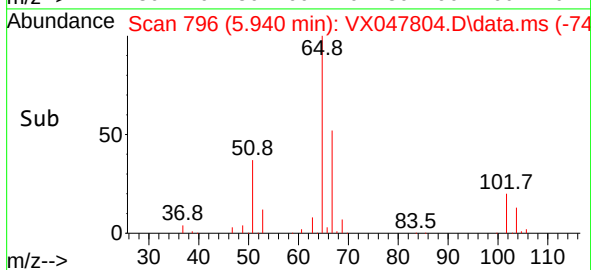
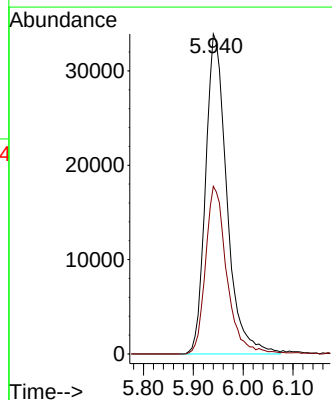
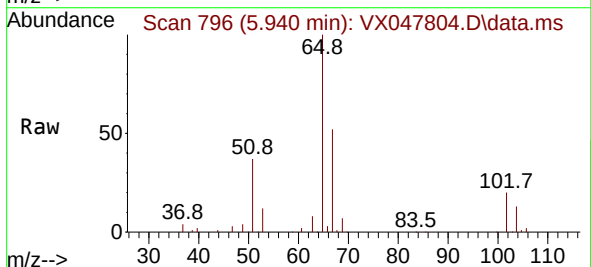
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

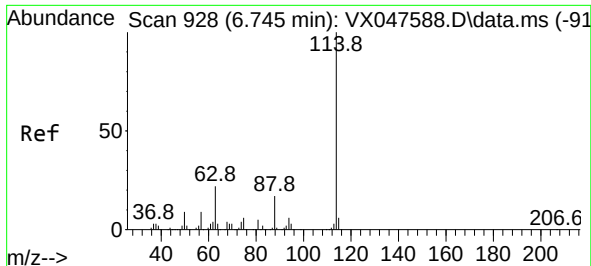
Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
72 20.5 20.1 30.1



#33
1,2-Dichloroethane-d4
Concen: 51.719 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 65 Resp: 100439
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

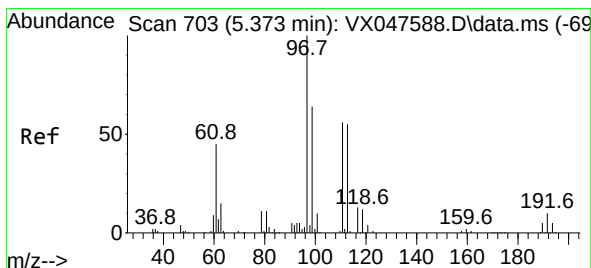
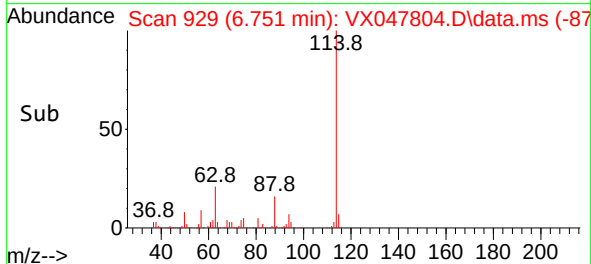
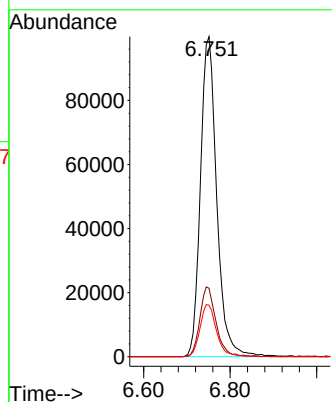
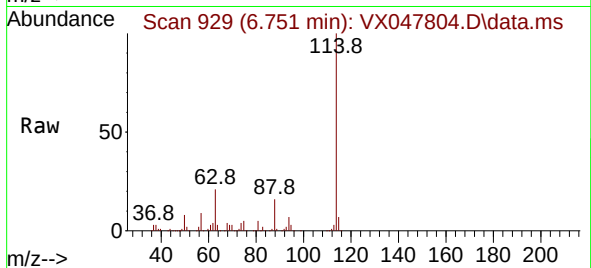




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

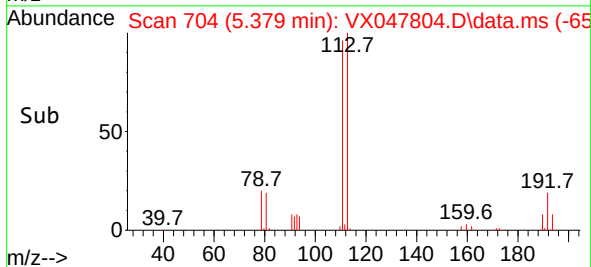
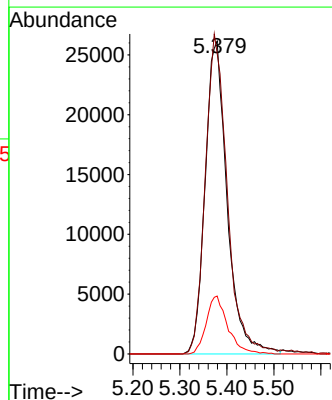
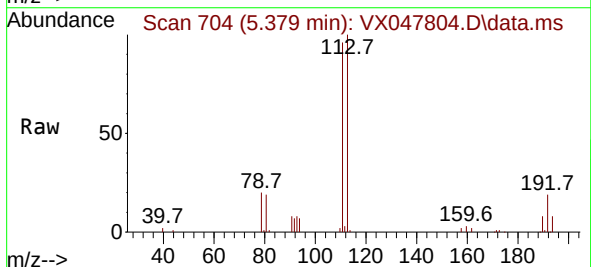
Instrument :
MSVOA_X
ClientSampleId :
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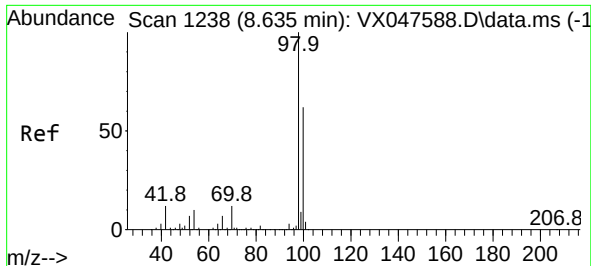
Tgt Ion:114 Resp: 260982
Ion Ratio Lower Upper
114 100
63 24.8 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.561 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion:113 Resp: 84996
Ion Ratio Lower Upper
113 100
111 102.0 80.9 121.3
192 18.1 14.2 21.4

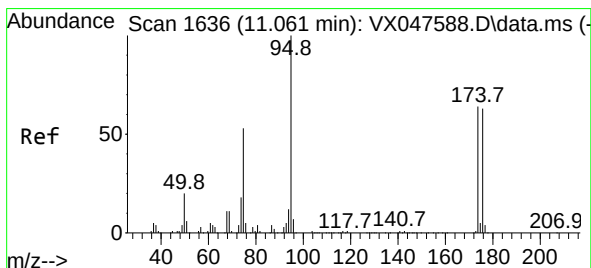
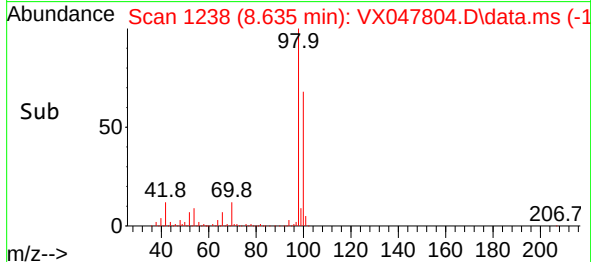
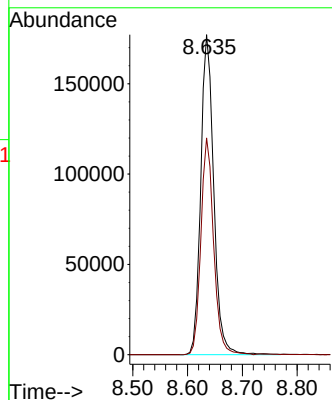
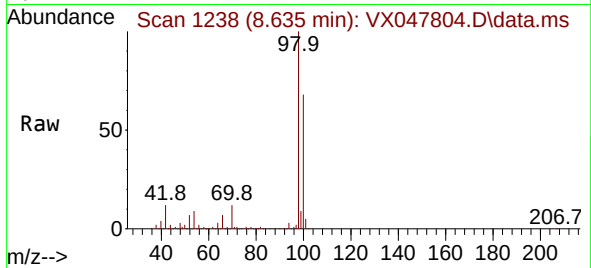




#50
Toluene-d8
Concen: 48.198 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

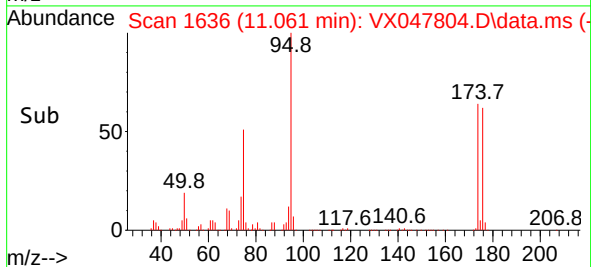
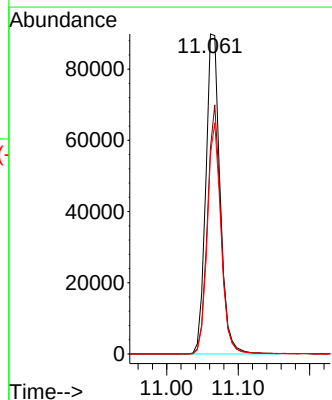
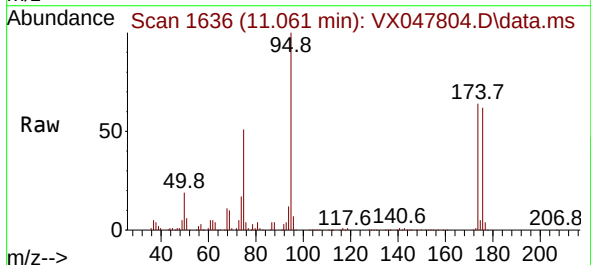
Instrument :
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BP-VPB-184-GW-280-282

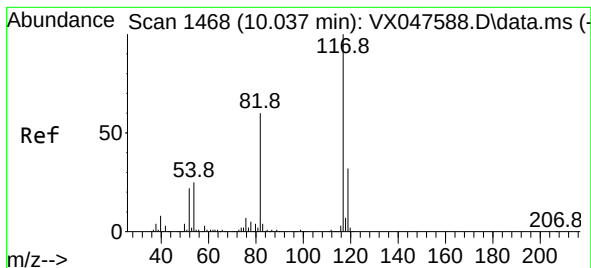
Tgt Ion: 98 Resp: 291903
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.273 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 95 Resp: 124746
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.6
176 69.2 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: VX047804.D

Acq: 25 Sep 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-280-282

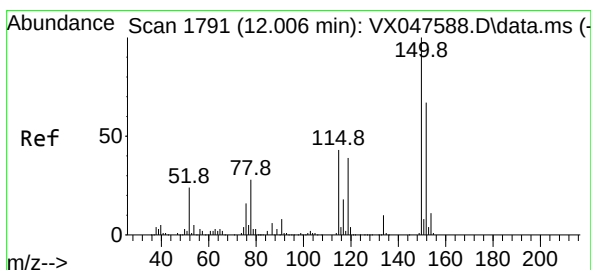
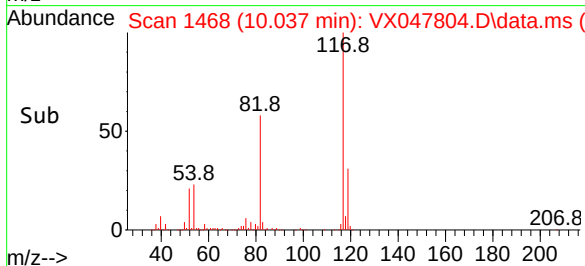
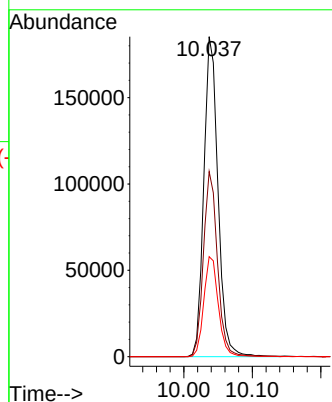
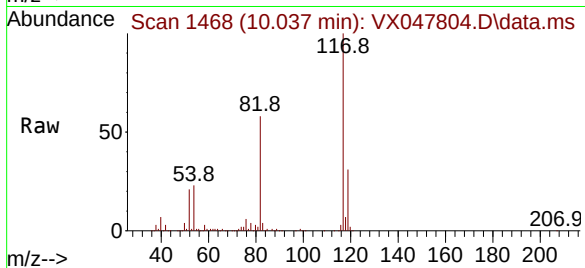
Tgt Ion:117 Resp: 266894

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.6

119 31.3 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047804.D

Acq: 25 Sep 2025 12:28

Tgt Ion:152 Resp: 134705

Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 156.9 0.0 352.0

