

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047997.D
 Acq On : 03 Oct 2025 16:15
 Operator : JC/MD
 Sample : Q3248-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-560-562

Quant Time: Oct 03 23:51:33 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)

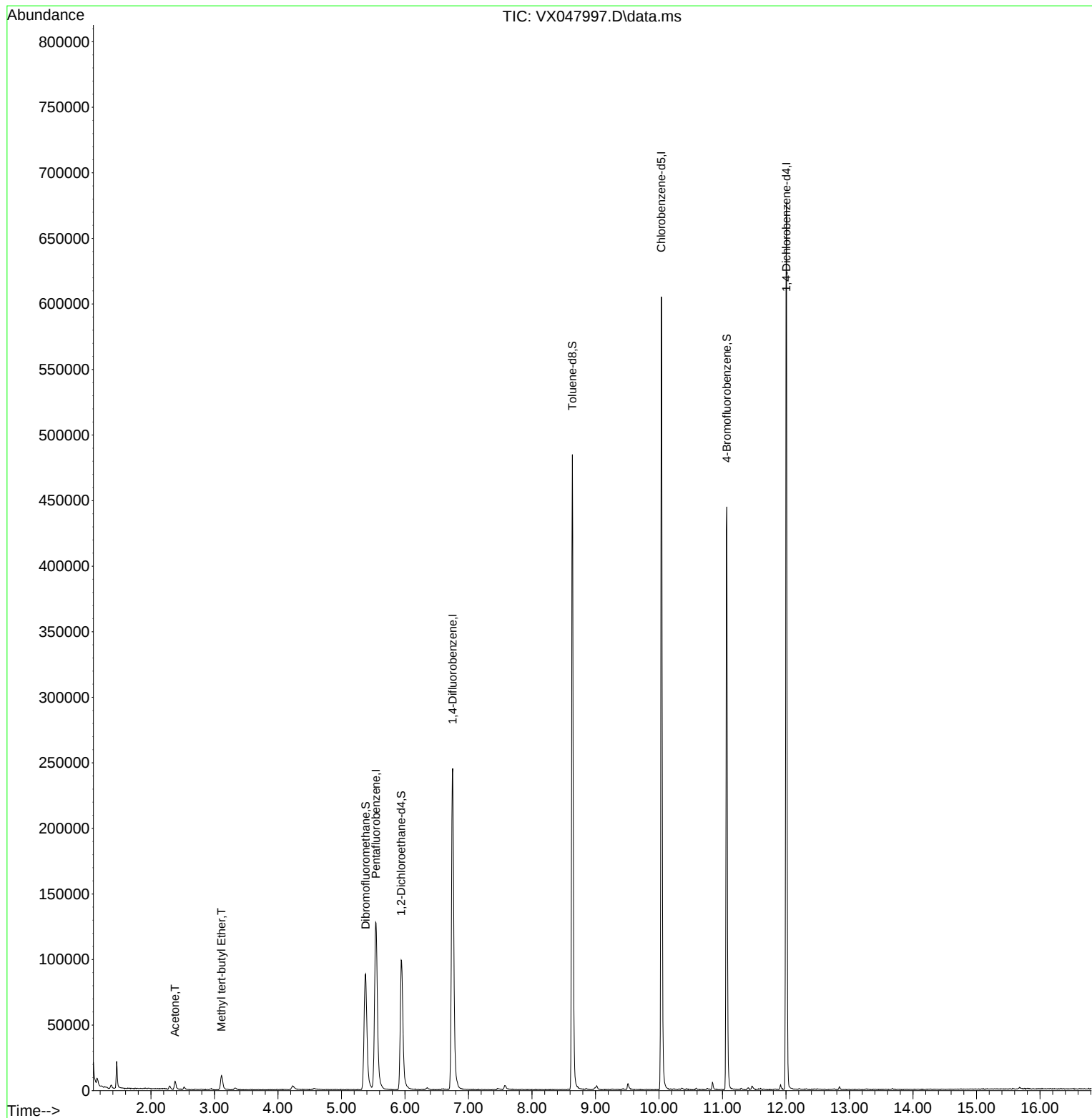
Internal Standards						
1) Pentafluorobenzene	5.544	168	130796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	267996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	274276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108556	52.142	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.280%
35) Dibromofluoromethane	5.379	113	87389	48.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.635	98	299916	48.225	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.440%
62) 4-Bromofluorobenzene	11.067	95	129204	54.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.480%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	8557	9.453	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	12546	2.212	ug/l #	91

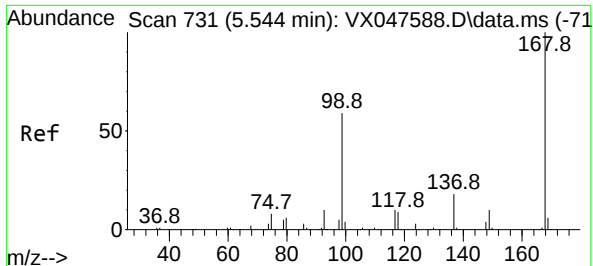
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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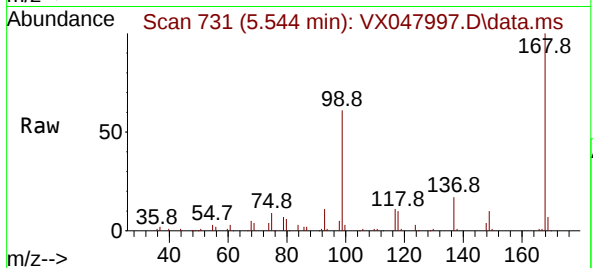
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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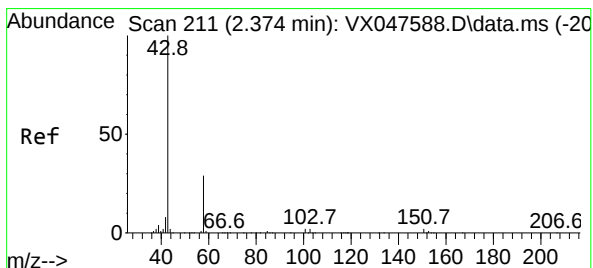
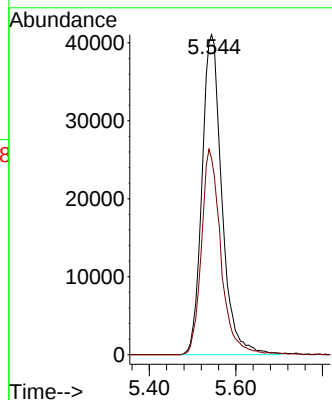
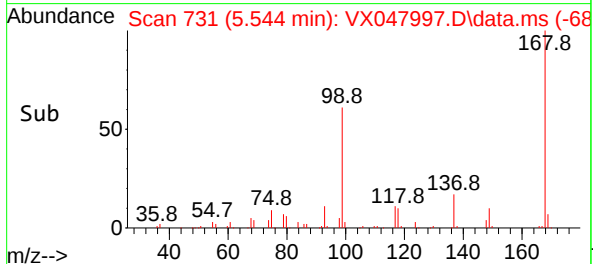


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047997.D
Acq: 03 Oct 2025 16:15

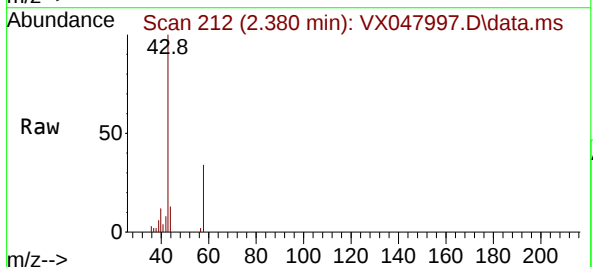
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-560-562



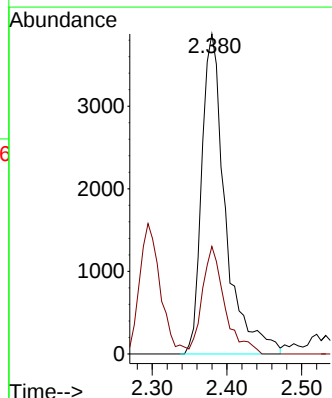
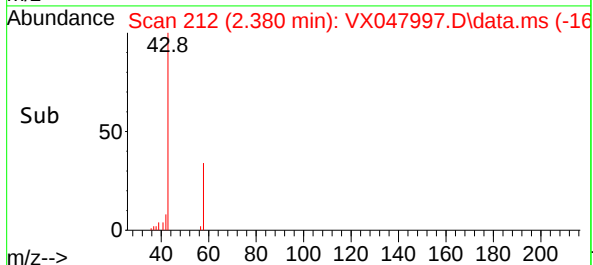
Tgt Ion:168 Resp: 130796
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2

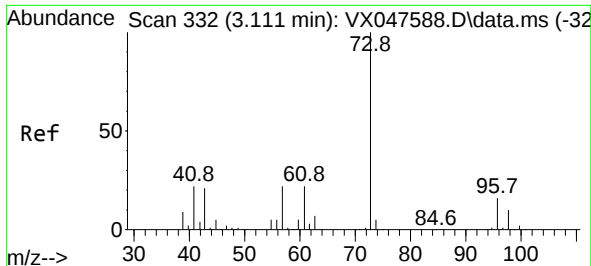


#16
Acetone
Concen: 9.453 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047997.D
Acq: 03 Oct 2025 16:15



Tgt Ion: 43 Resp: 8557
Ion Ratio Lower Upper
43 100
58 33.6 23.4 35.0





#19

Methyl tert-butyl Ether

Concen: 2.212 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX047997.D

Acq: 03 Oct 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

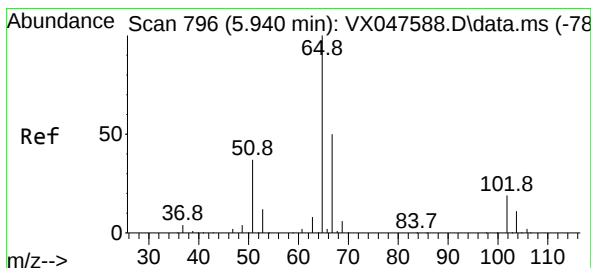
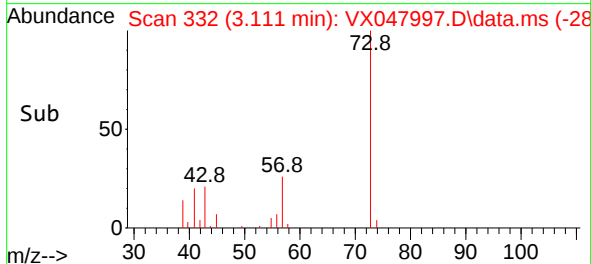
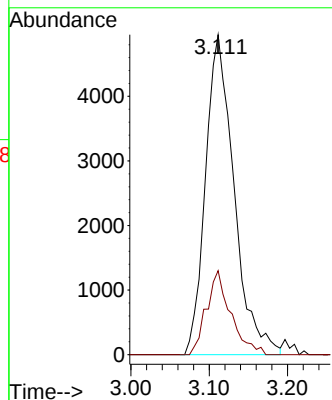
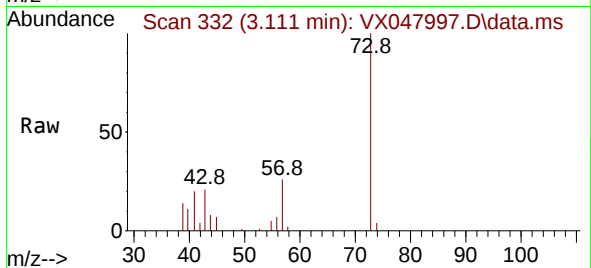
BP-VPB-184-GW-560-562

Tgt Ion: 73 Resp: 12546

Ion Ratio Lower Upper

73 100

57 26.3 17.4 26.2#



#33

1,2-Dichloroethane-d4

Concen: 52.142 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX047997.D

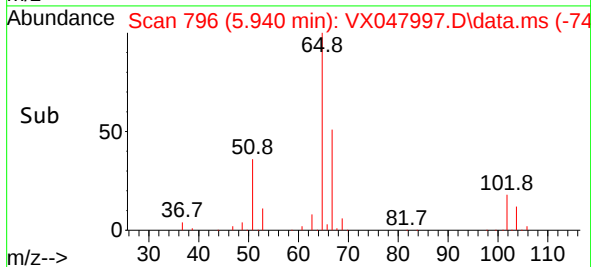
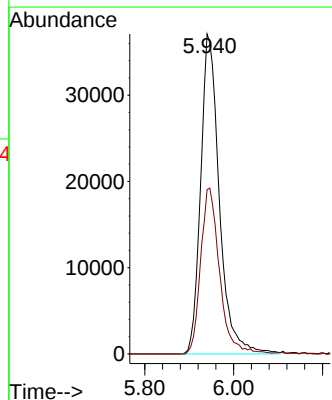
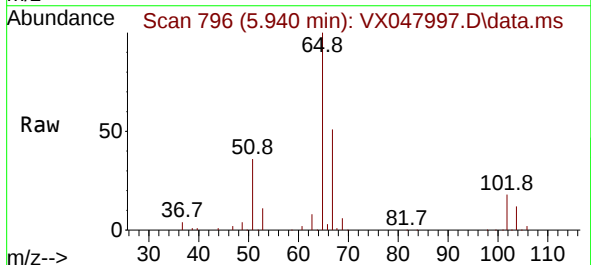
Acq: 03 Oct 2025 16:15

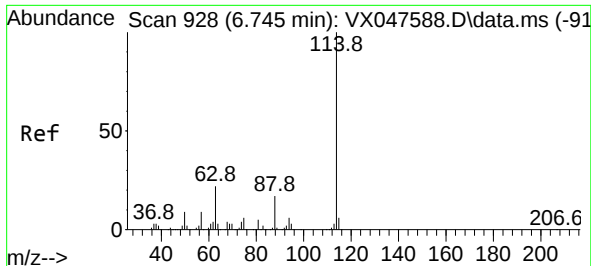
Tgt Ion: 65 Resp: 108556

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0

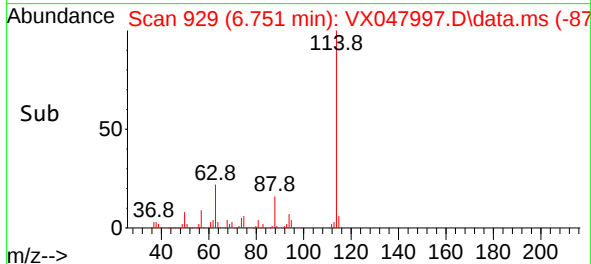
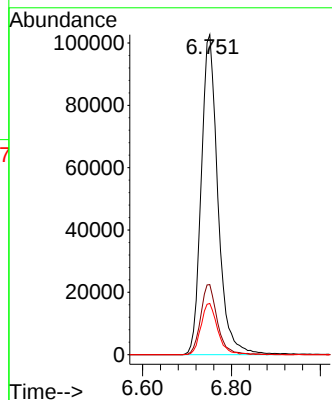
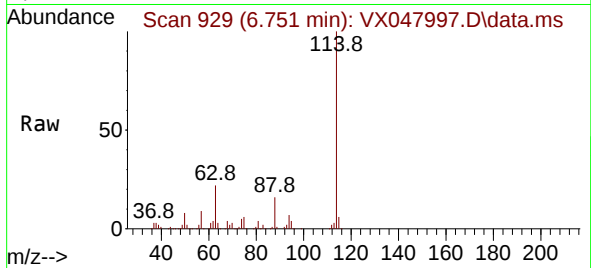




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047997.D
Acq: 03 Oct 2025 16:15

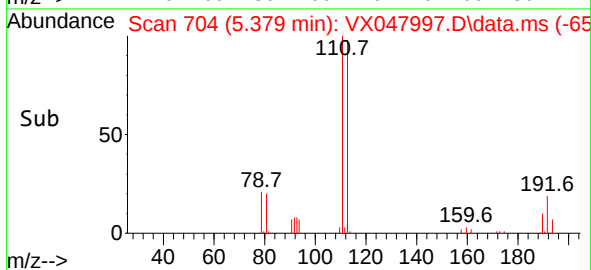
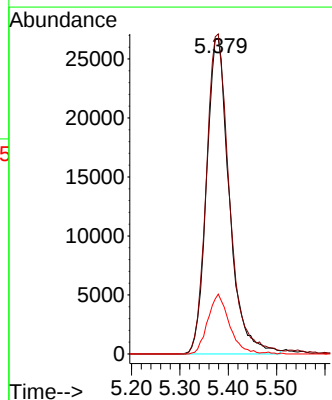
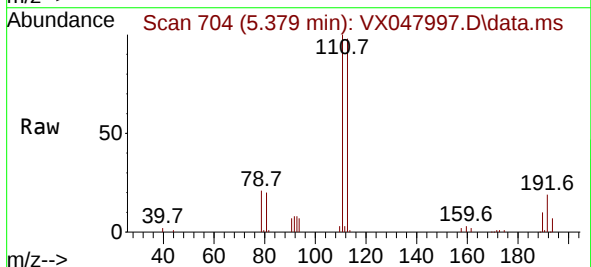
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:114 Resp: 267996
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.622 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047997.D
Acq: 03 Oct 2025 16:15

Tgt Ion:113 Resp: 87389
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 17.9 14.2 21.4

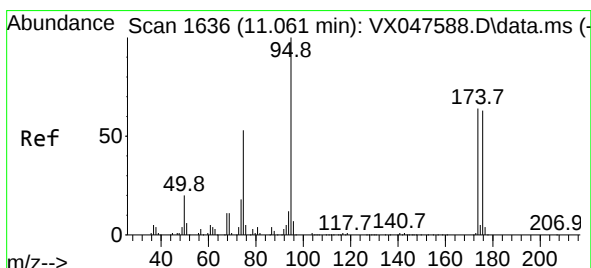
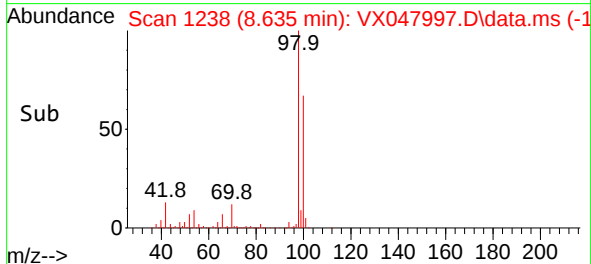
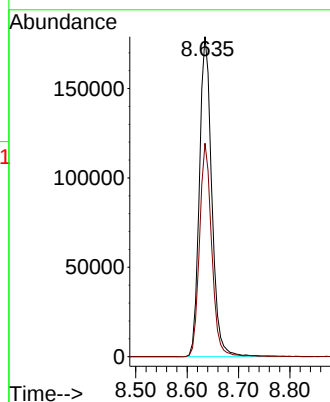
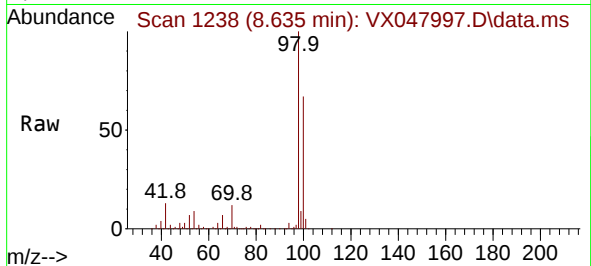




#50
Toluene-d8
Concen: 48.225 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047997.D
Acq: 03 Oct 2025 16:15

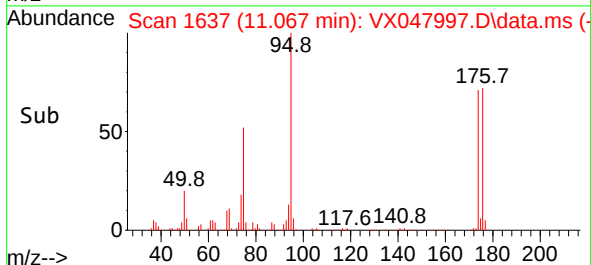
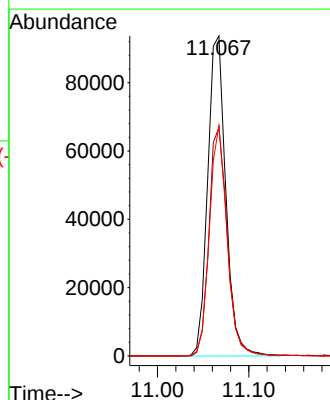
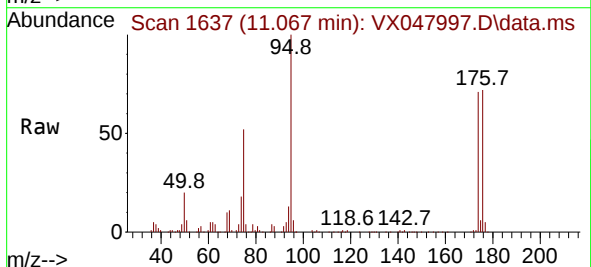
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-560-562

Tgt Ion: 98 Resp: 299916
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.741 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047997.D
Acq: 03 Oct 2025 16:15

Tgt Ion: 95 Resp: 129204
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 70.0 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: VX047997.D

Acq: 03 Oct 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-560-562

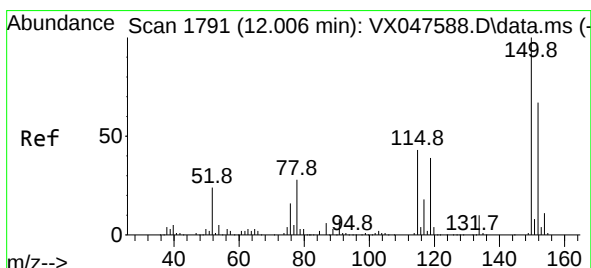
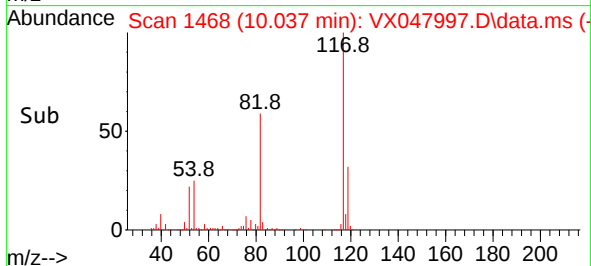
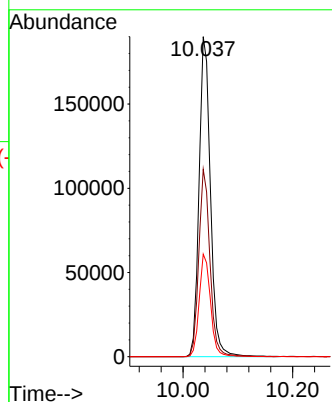
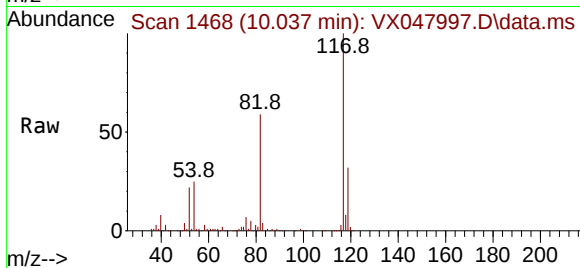
Tgt Ion:117 Resp: 274276

Ion Ratio Lower Upper

117 100

82 58.5 47.8 71.6

119 32.1 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: VX047997.D

Acq: 03 Oct 2025 16:15

Tgt Ion:152 Resp: 141091

Ion Ratio Lower Upper

152 100

115 62.2 44.9 134.5

150 157.3 0.0 352.0

