

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047962.D
 Acq On : 02 Oct 2025 13:07
 Operator : JC/MD
 Sample : Q3246-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-DUP-20250925

Quant Time: Oct 03 03:29:44 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)

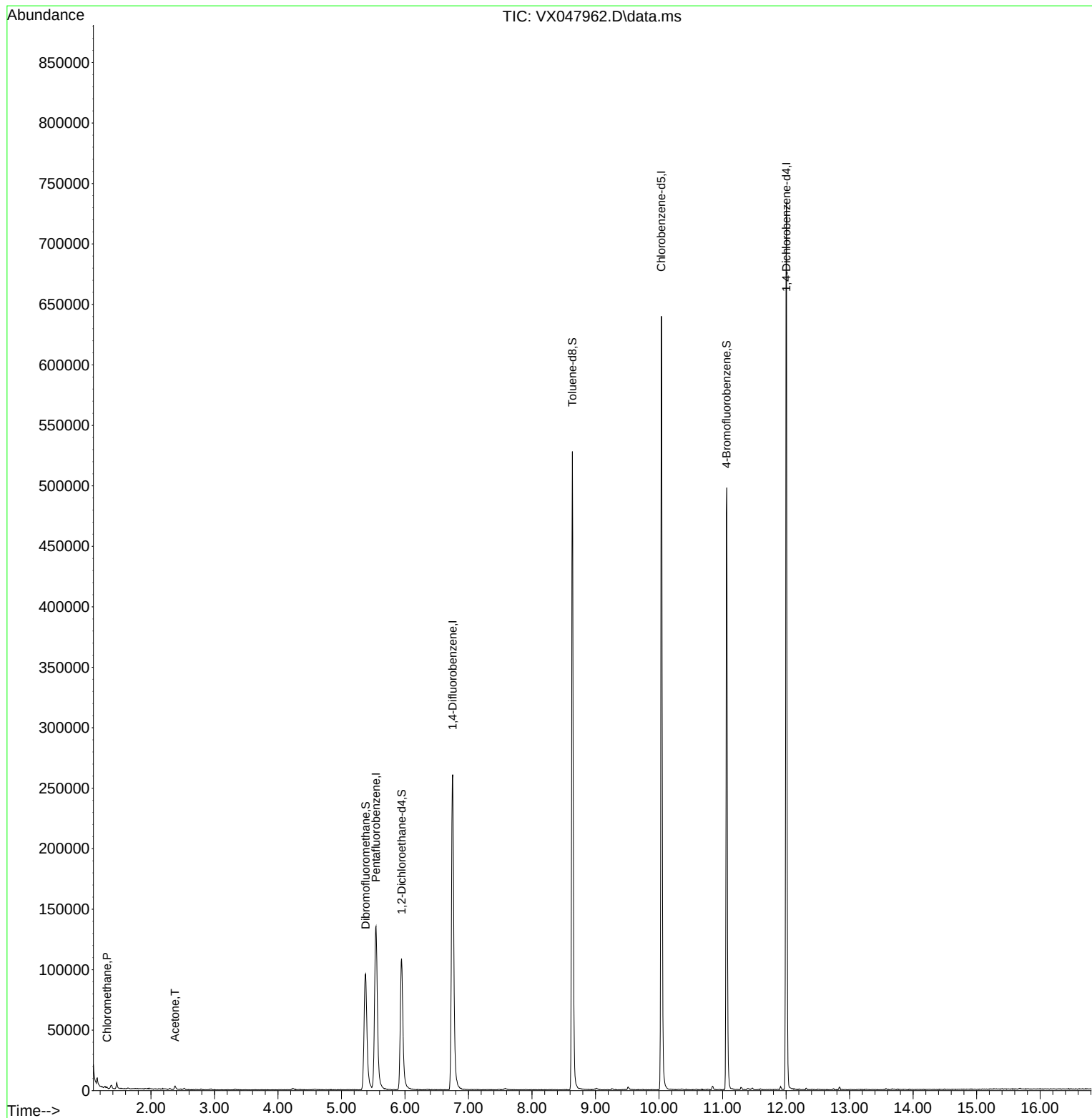
Internal Standards						
1) Pentafluorobenzene	5.544	168	135174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	286335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	299172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117999	54.842	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.680%	
35) Dibromofluoromethane	5.379	113	95408	49.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.360%	
50) Toluene-d8	8.635	98	326742	49.173	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	11.061	95	142221	56.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	496	0.270	ug/l	95
16) Acetone	2.380	43	3821	4.084	ug/l	95

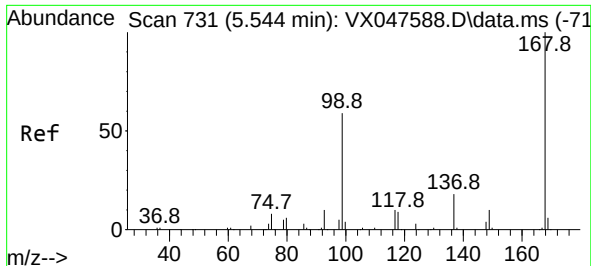
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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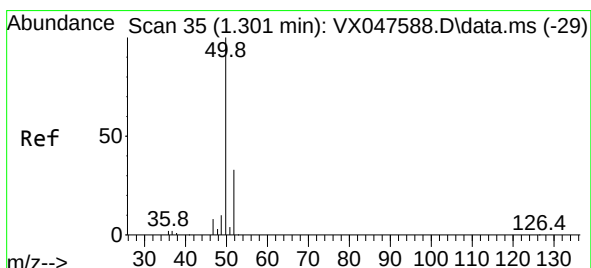
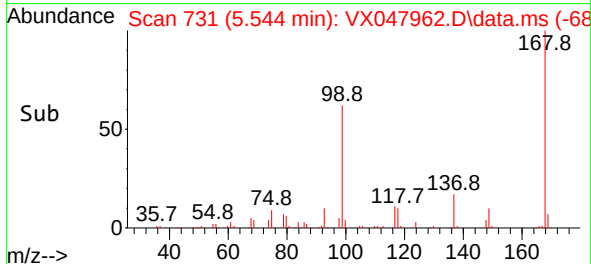
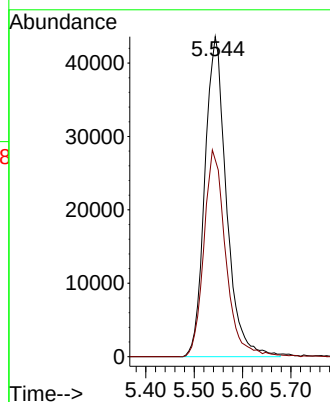
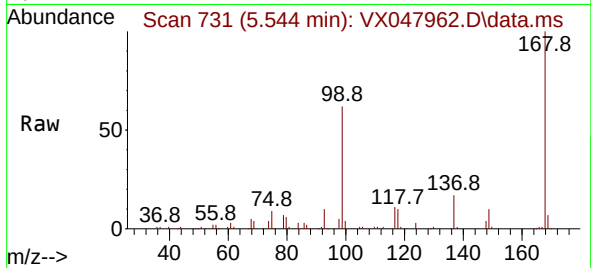




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

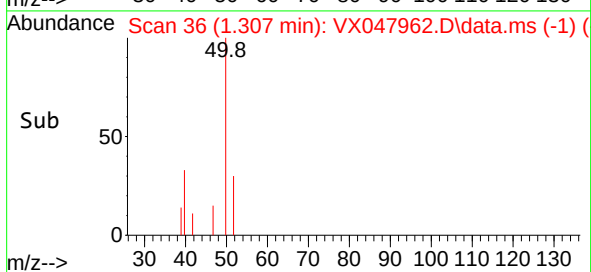
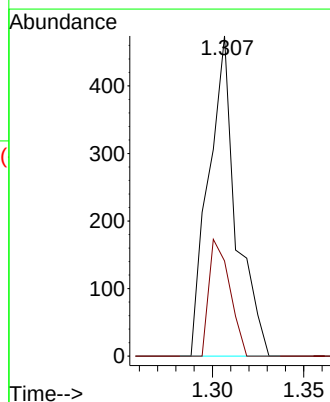
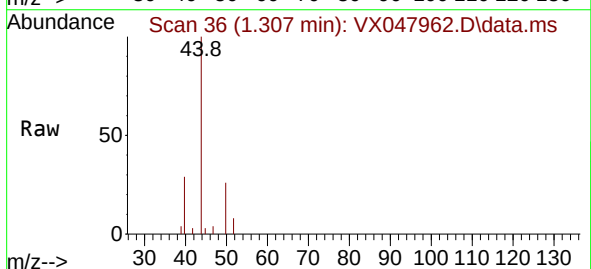
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

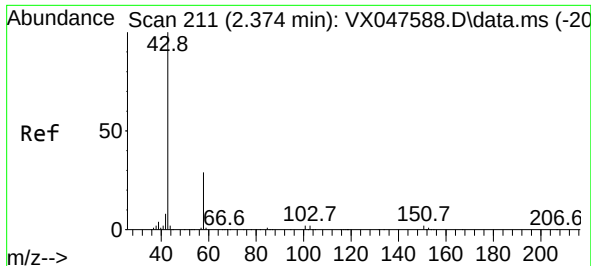
Tgt Ion:168 Resp: 135174
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 29.7 26.1 39.1

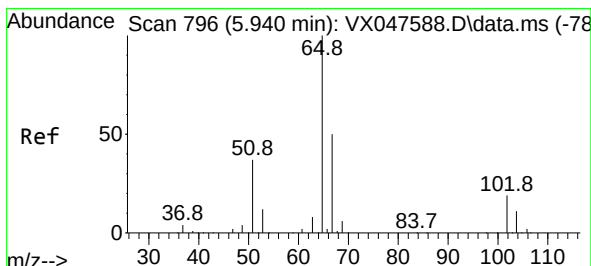
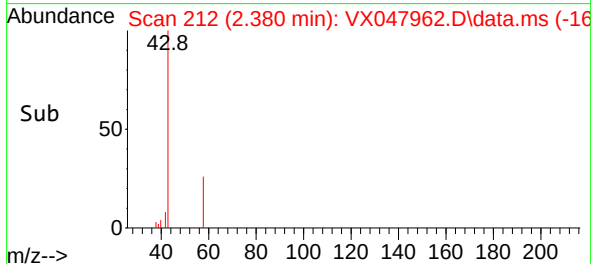
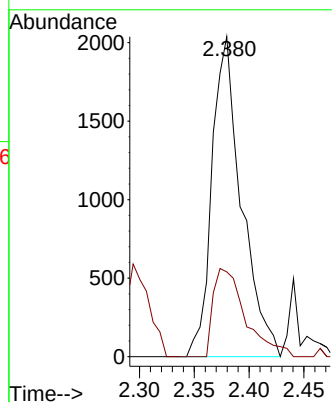
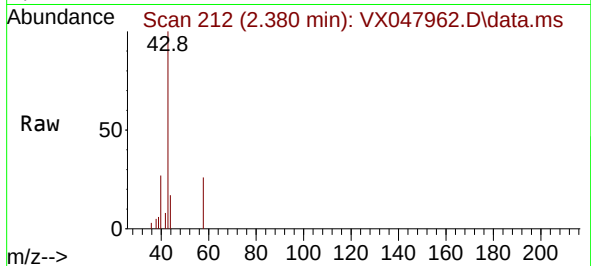




#16
Acetone
Concen: 4.084 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

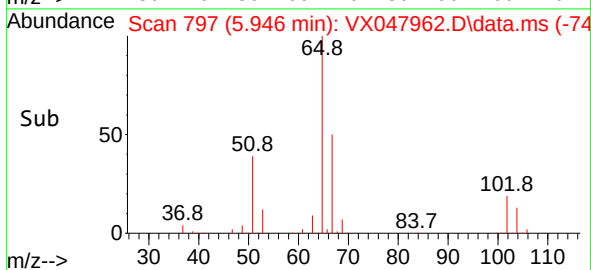
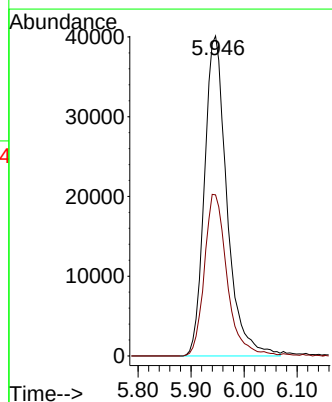
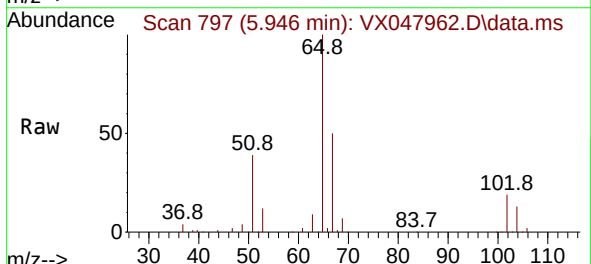
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

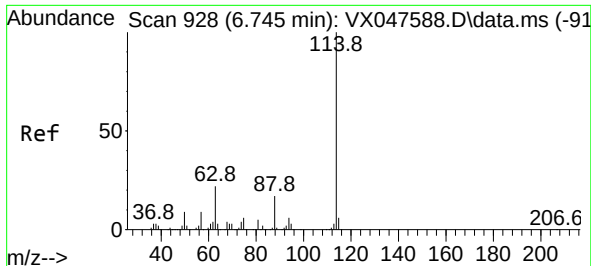
Tgt Ion: 43 Resp: 3821
Ion Ratio Lower Upper
43 100
58 26.5 23.4 35.0



#33
1,2-Dichloroethane-d4
Concen: 54.842 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

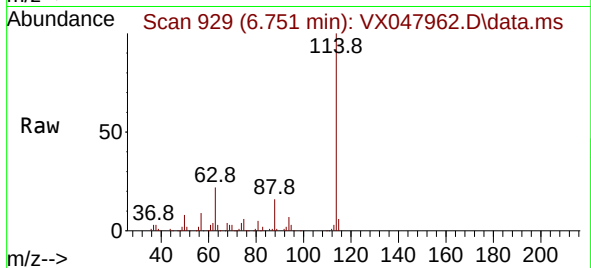
Tgt Ion: 65 Resp: 117999
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0



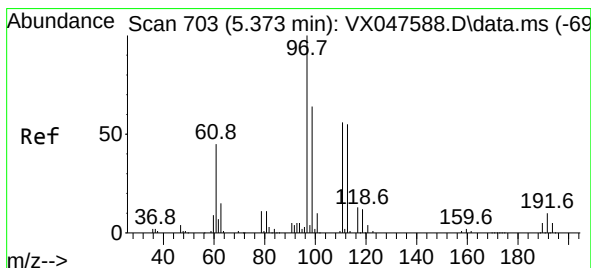
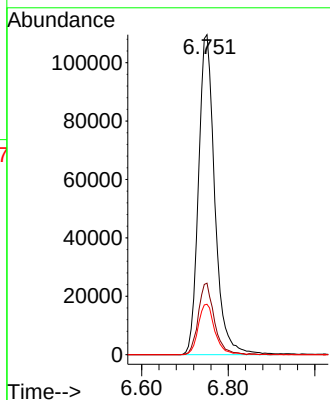
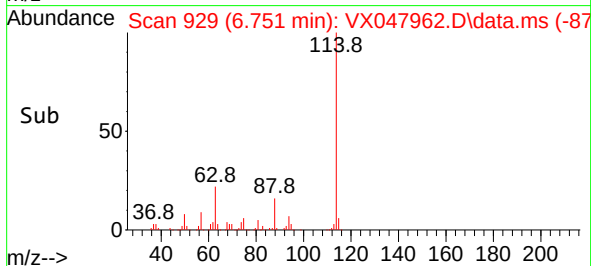


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

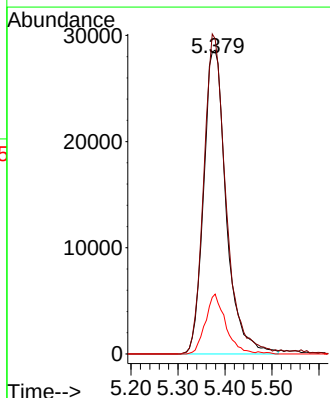
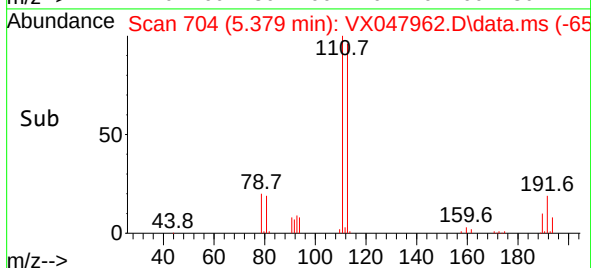
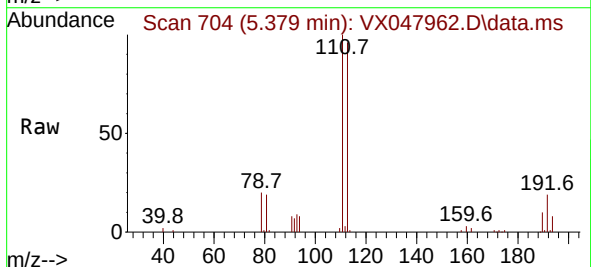


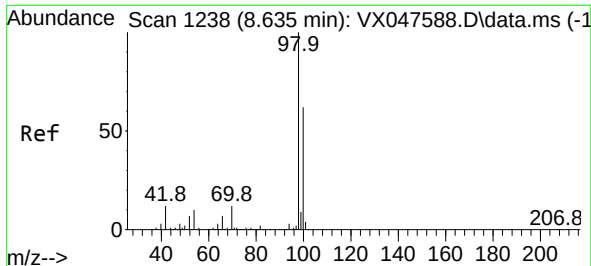
Tgt Ion:114 Resp: 286335
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.683 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion:113 Resp: 95408
Ion Ratio Lower Upper
113 100
111 104.0 80.9 121.3
192 17.7 14.2 21.4

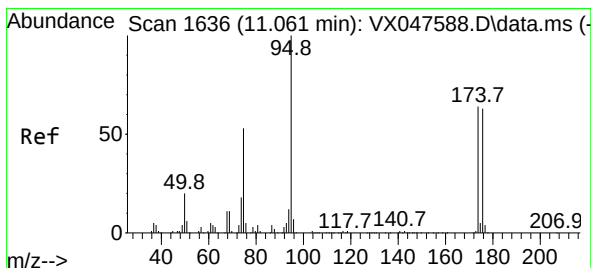
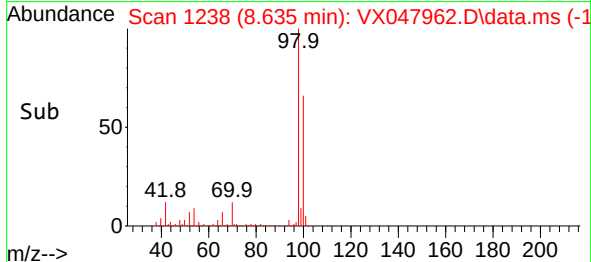
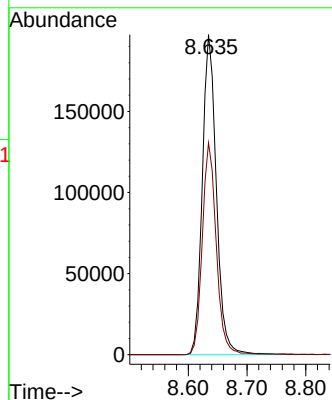
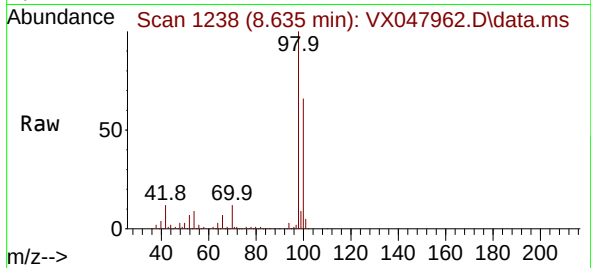




#50
Toluene-d8
Concen: 49.173 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

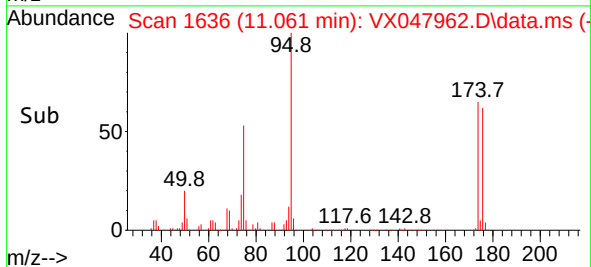
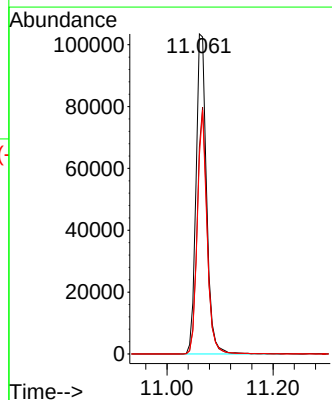
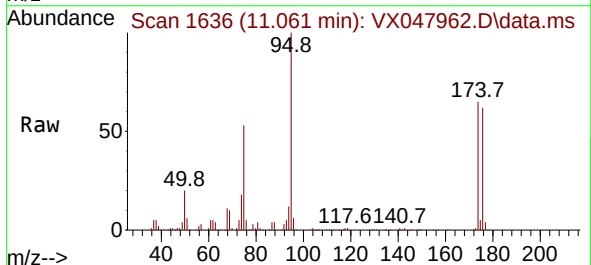
Instrument :
MSVOA_X
ClientSampleId :
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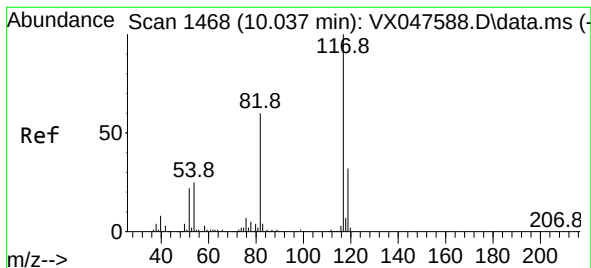
Tgt Ion: 98 Resp: 326742
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.397 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 95 Resp: 142221
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 70.3 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: VX047962.D

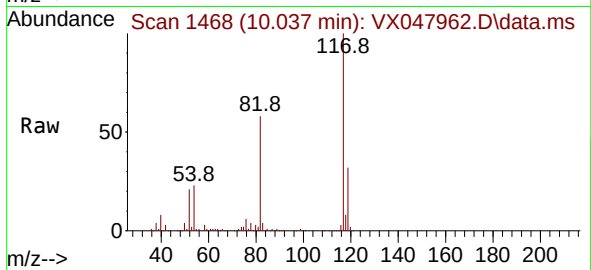
Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-DUP-20250925



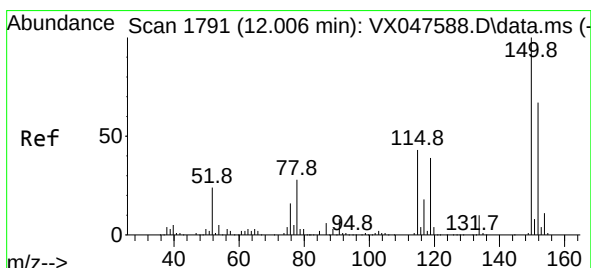
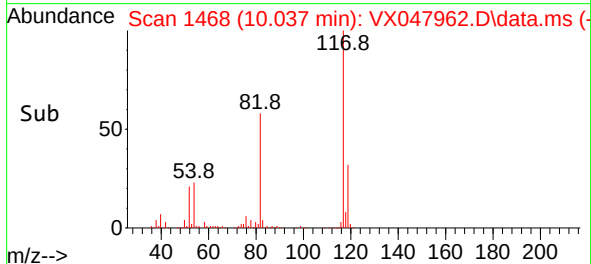
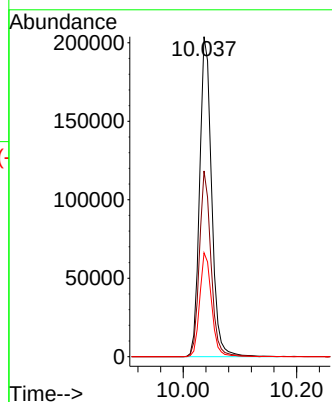
Tgt Ion:117 Resp: 299172

Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.6

119 32.4 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: VX047962.D

Acq: 02 Oct 2025 13:07

Tgt Ion:152 Resp: 150587

Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 156.1 0.0 352.0

