

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047730.D
 Acq On : 23 Sep 2025 14:07
 Operator : JC/MD
 Sample : Q3141-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-60-62

Quant Time: Sep 24 01:32:45 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)

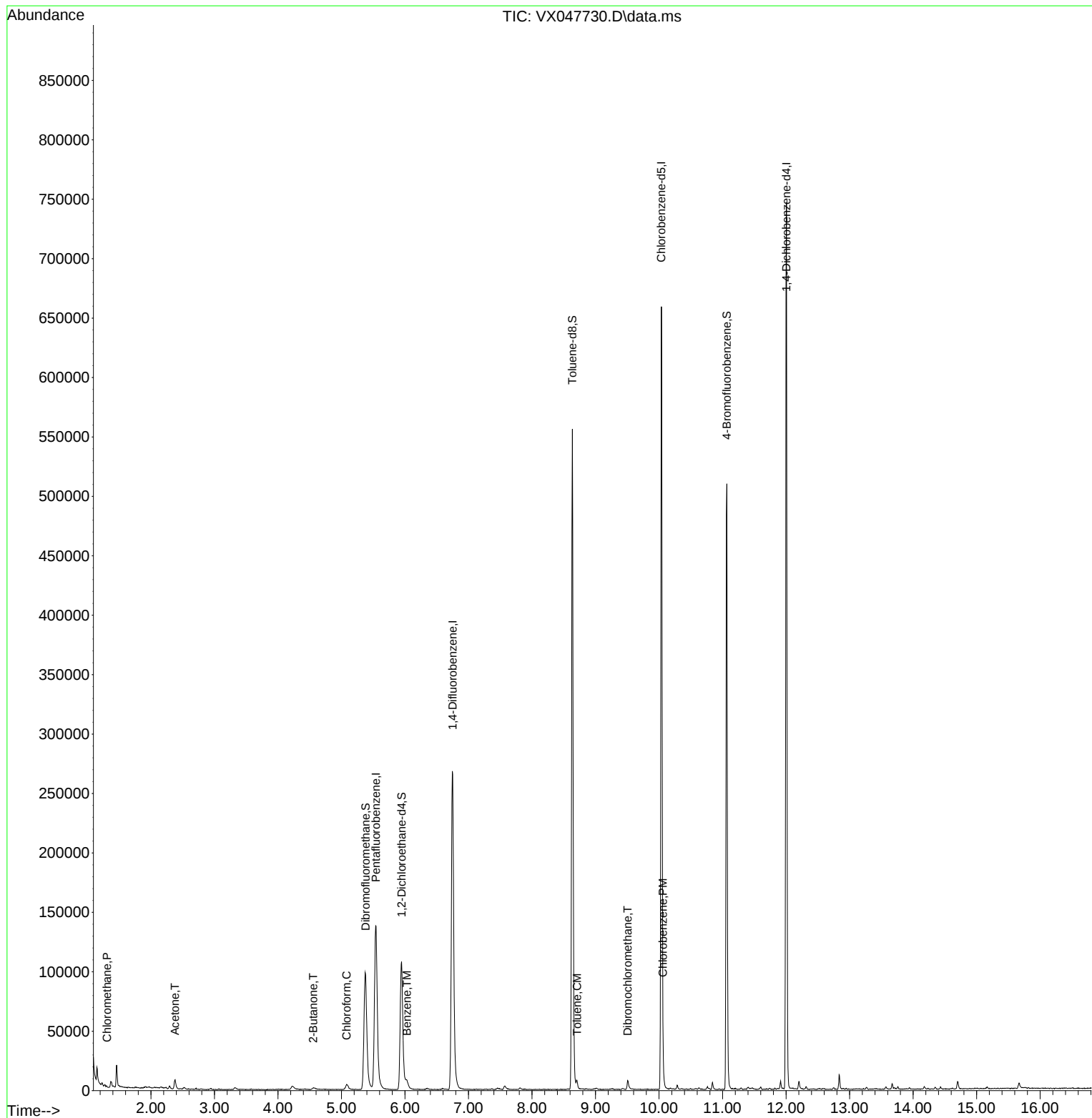
Internal Standards						
1) Pentafluorobenzene	5.544	168	141797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	298818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	301046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	118593	52.543	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.080%
35) Dibromofluoromethane	5.379	113	97478	48.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	8.635	98	334878	48.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.067	95	146404	55.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.260%
Target Compounds						
						Qvalue
3) Chloromethane	1.307	50	678	0.351	ug/l	# 85
16) Acetone	2.380	43	10429	10.627	ug/l	97
25) 2-Butanone	4.556	43	3588	2.931	ug/l	94
30) Chloroform	5.080	83	5853	1.617	ug/l	89
40) Benzene	6.031	78	6765	0.761	ug/l	92
52) Toluene	8.708	92	2151	0.393	ug/l	96
60) Dibromochloromethane	9.506	129	881	0.362	ug/l	87
65) Chlorobenzene	10.061	112	1894	0.277	ug/l	97

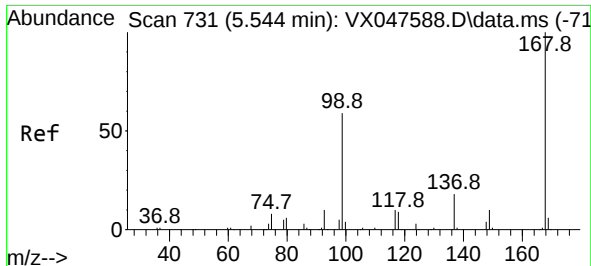
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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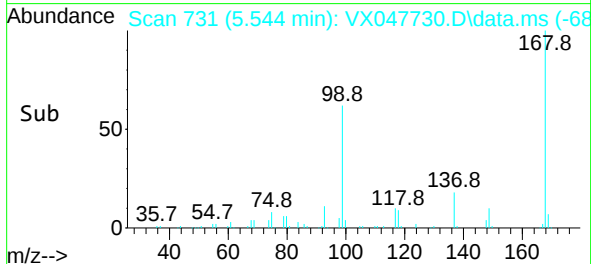
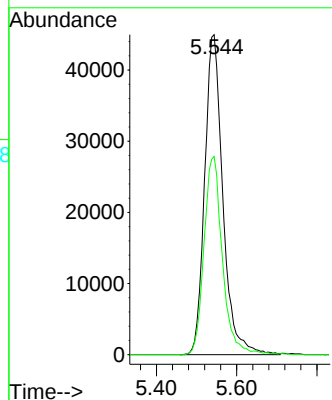
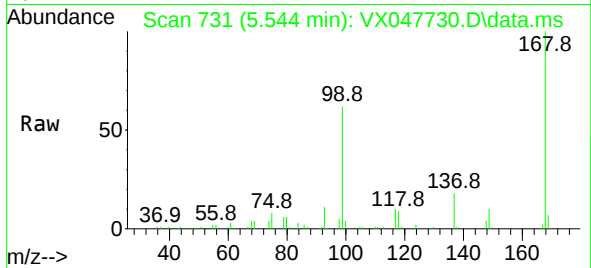




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

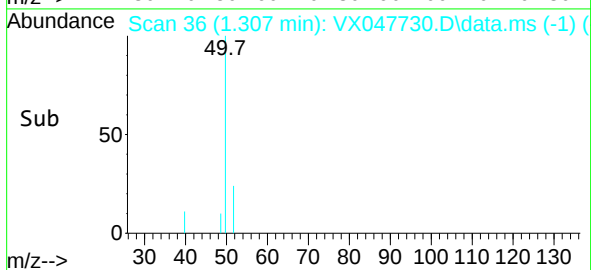
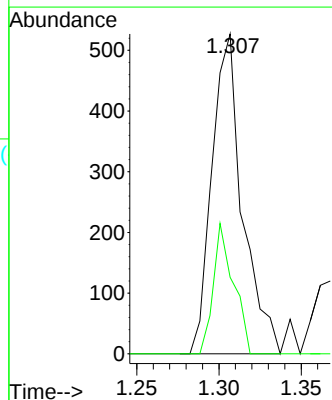
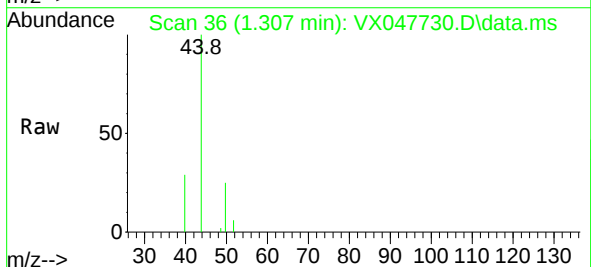
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-60-62

Tgt Ion:168 Resp: 141797
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2



#3
Chloromethane
Concen: 0.351 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

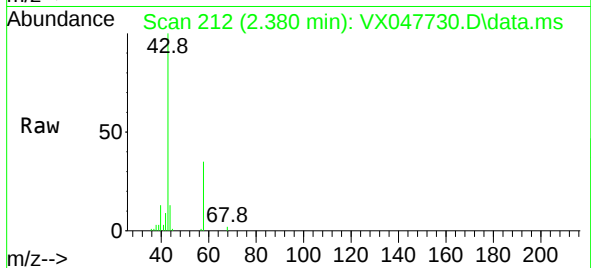
Tgt Ion: 50 Resp: 678
Ion Ratio Lower Upper
50 100
52 23.9 26.1 39.1#



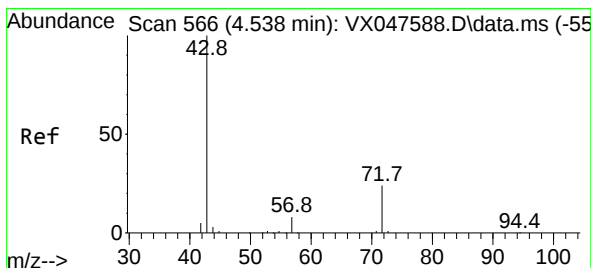
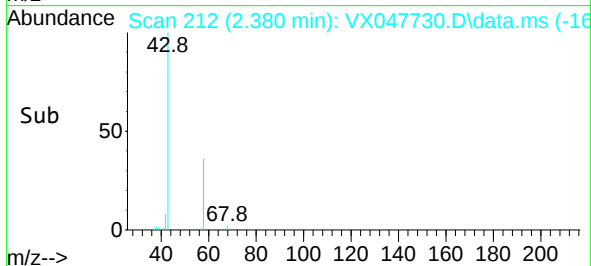
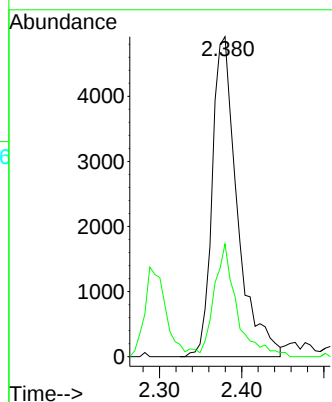


#16
Acetone
Concen: 10.627 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-60-62

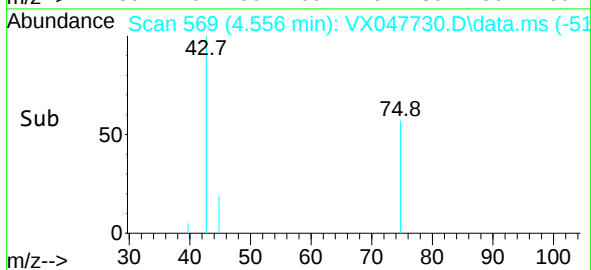
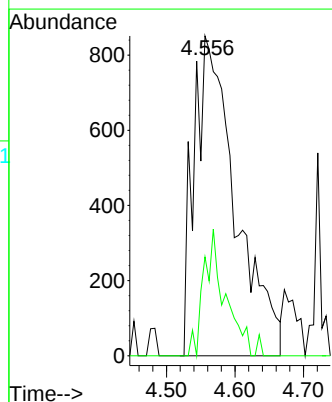
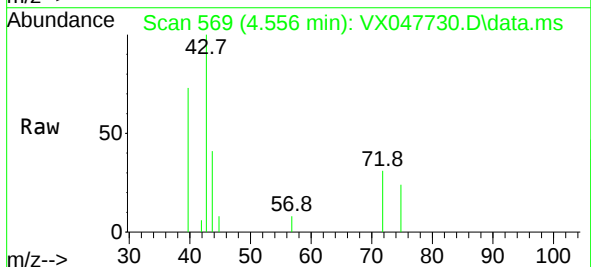


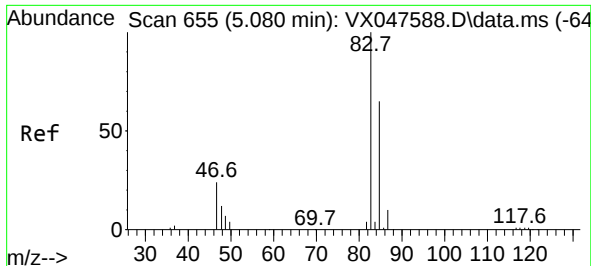
Tgt Ion: 43 Resp: 10429
Ion Ratio Lower Upper
43 100
58 30.9 23.4 35.0



#25
2-Butanone
Concen: 2.931 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

Tgt Ion: 43 Resp: 3588
Ion Ratio Lower Upper
43 100
72 21.9 20.1 30.1

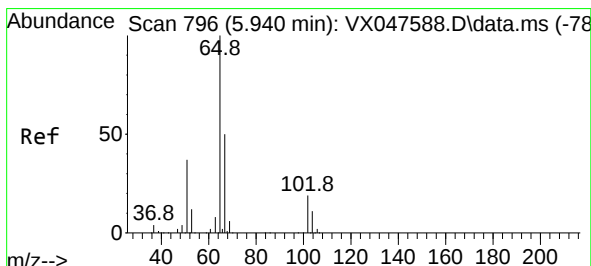
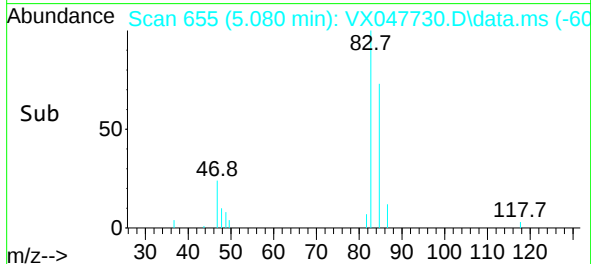
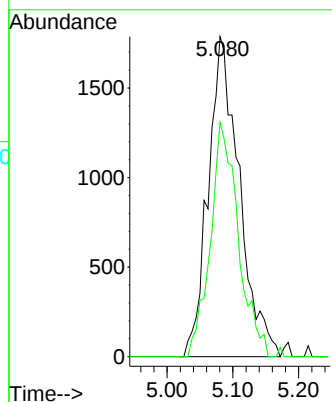
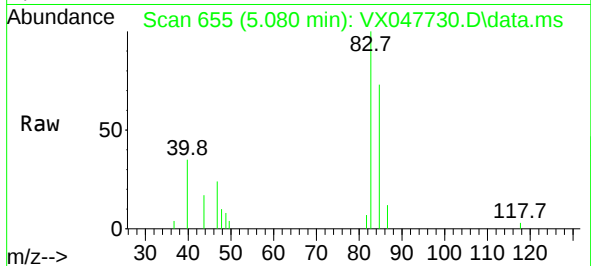




#30
Chloroform
Concen: 1.617 ug/l
RT: 5.080 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

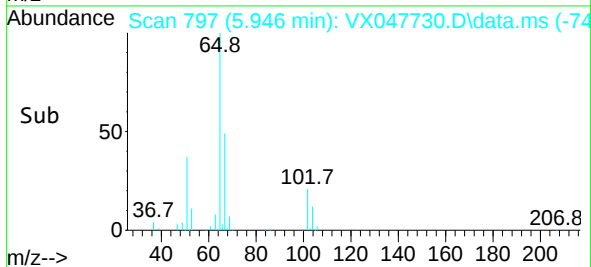
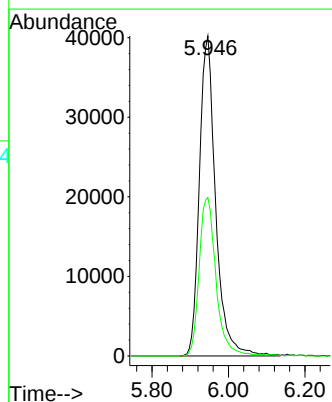
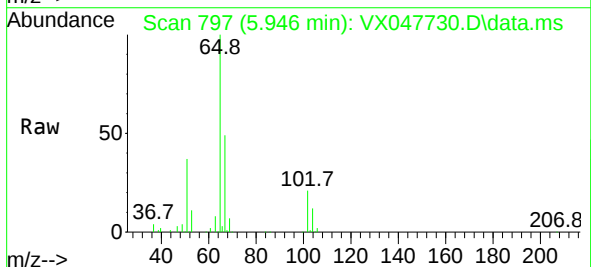
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-60-62

Tgt Ion: 83 Resp: 5853
Ion Ratio Lower Upper
83 100
85 73.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 52.543 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

Tgt Ion: 65 Resp: 118593
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0

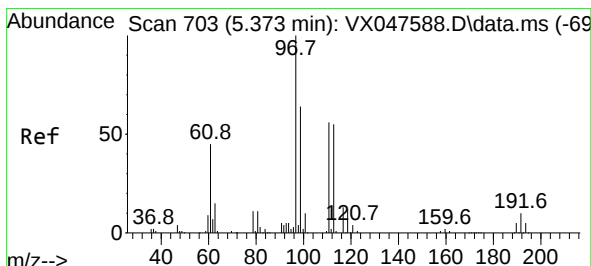
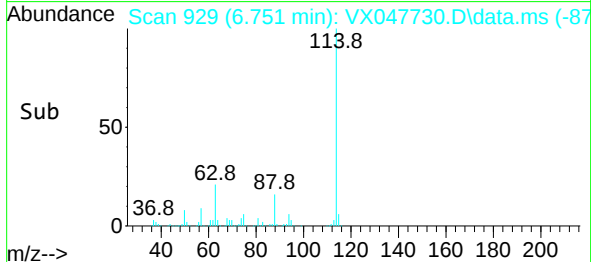
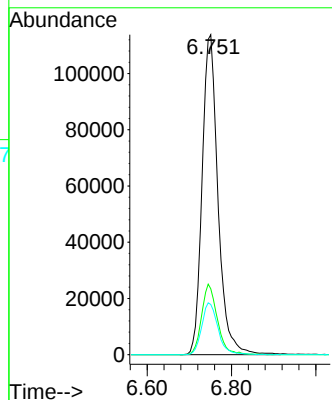
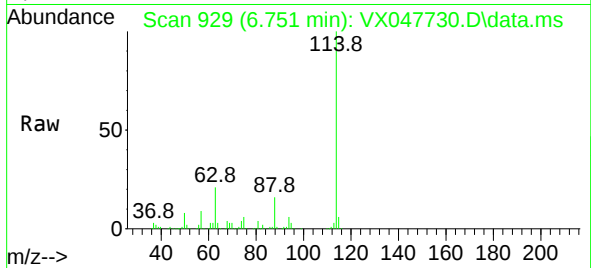




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

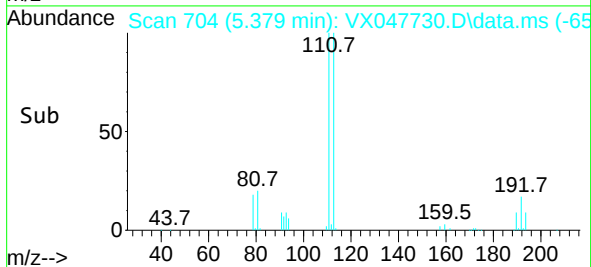
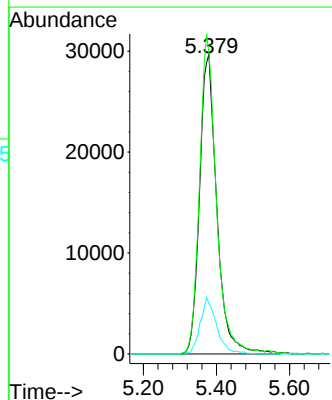
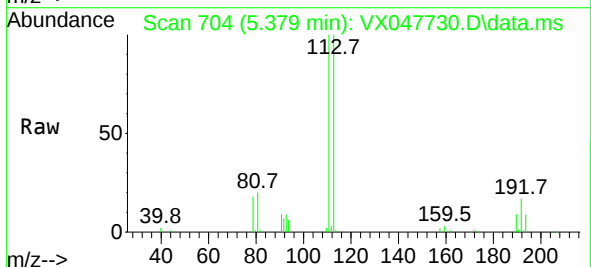
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-60-62

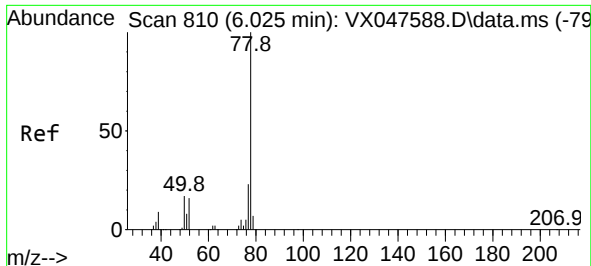
Tgt Ion:114 Resp: 298818
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.641 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

Tgt Ion:113 Resp: 97478
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 17.9 14.2 21.4

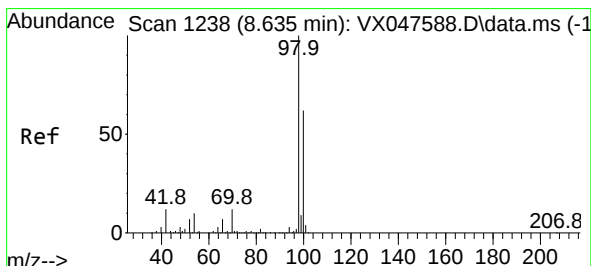
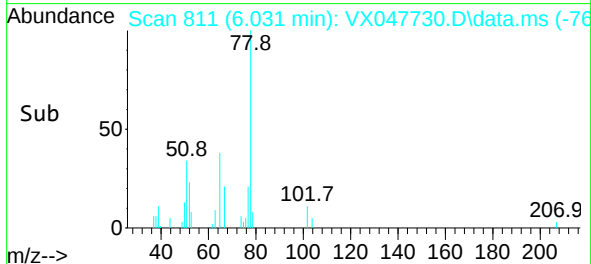
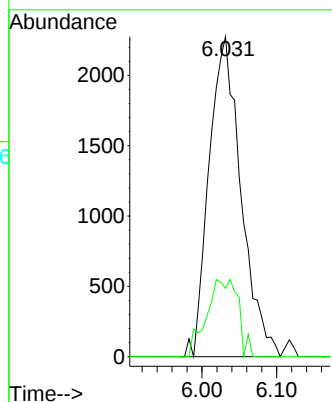
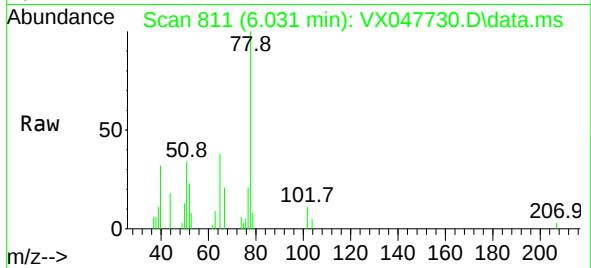




#40
Benzene
Concen: 0.761 ug/l
RT: 6.031 min Scan# 810
Delta R.T. 0.006 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

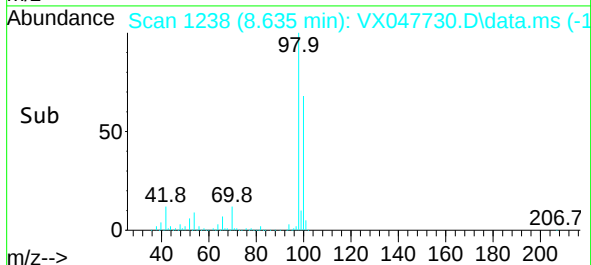
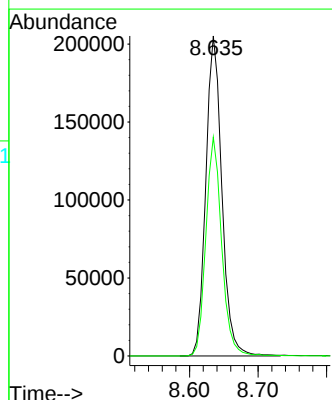
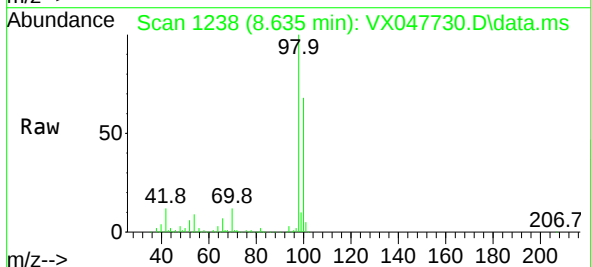
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-60-62

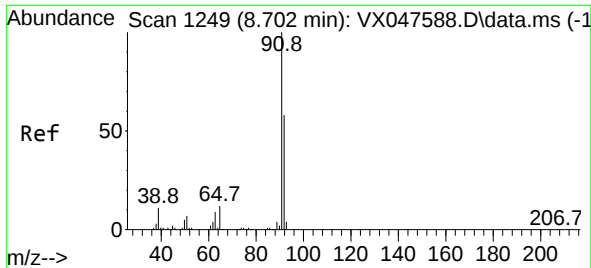
Tgt Ion: 78 Resp: 6765
Ion Ratio Lower Upper
78 100
77 19.7 18.8 28.2



#50
Toluene-d8
Concen: 48.293 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

Tgt Ion: 98 Resp: 334878
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.4

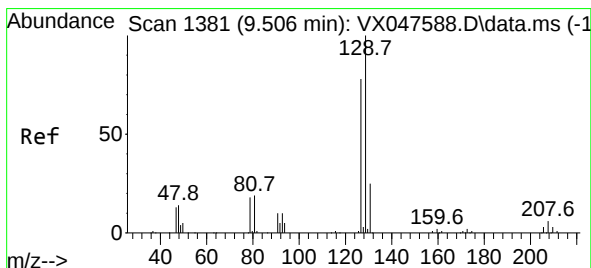
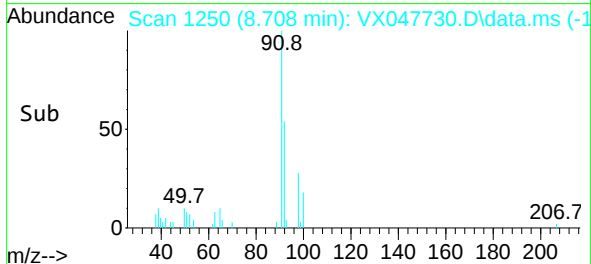
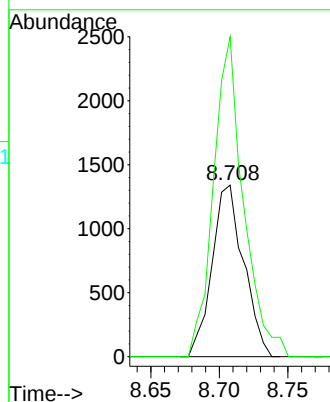
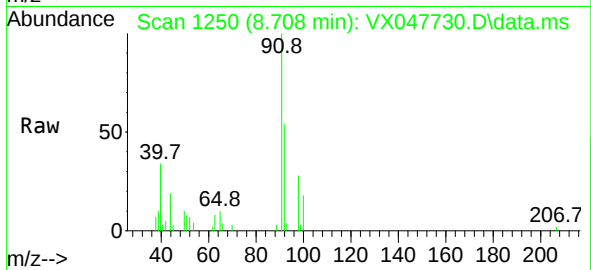




#52
Toluene
Concen: 0.393 ug/l
RT: 8.708 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

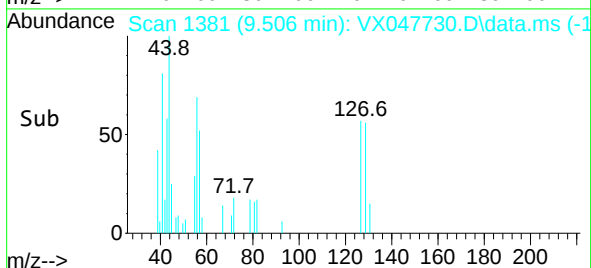
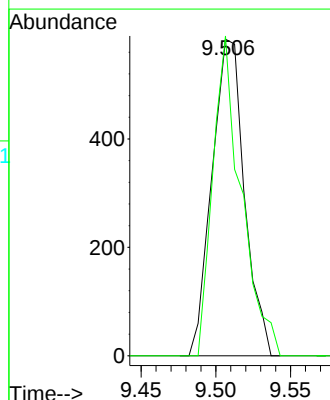
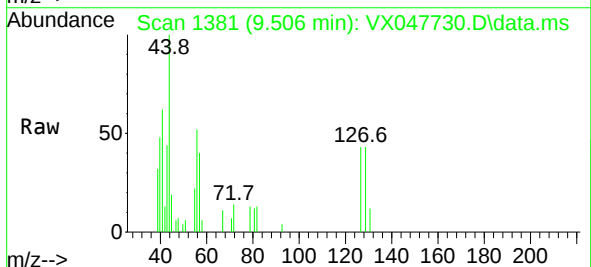
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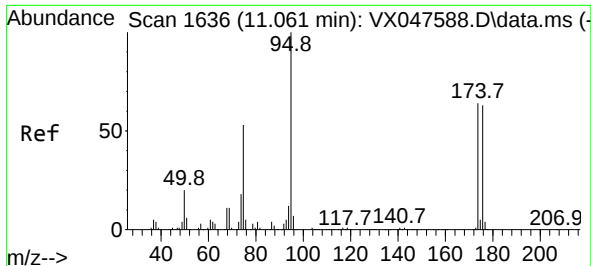
Tgt Ion: 92 Resp: 2151
Ion Ratio Lower Upper
92 100
91 176.9 137.1 205.7



#60
Dibromochloromethane
Concen: 0.362 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

Tgt Ion: 129 Resp: 881
Ion Ratio Lower Upper
129 100
127 88.2 38.4 115.2

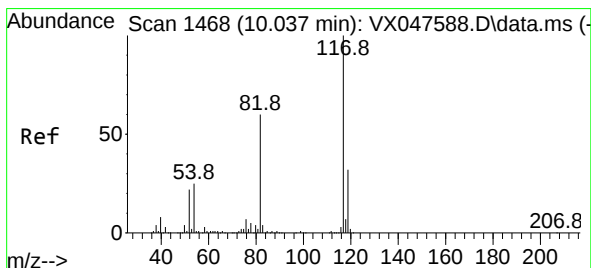
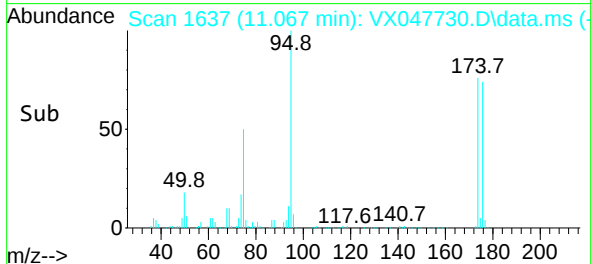
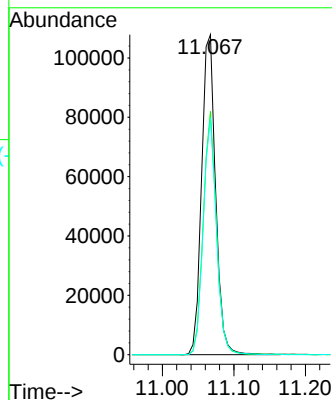
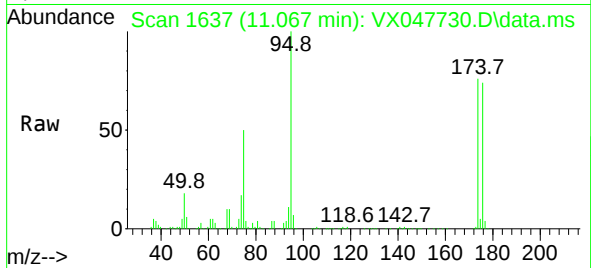




#62
4-Bromofluorobenzene
Concen: 55.631 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

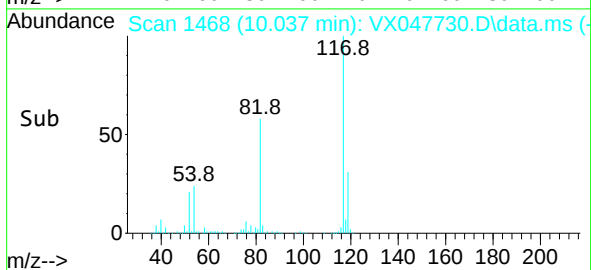
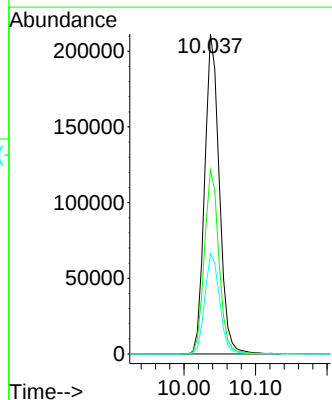
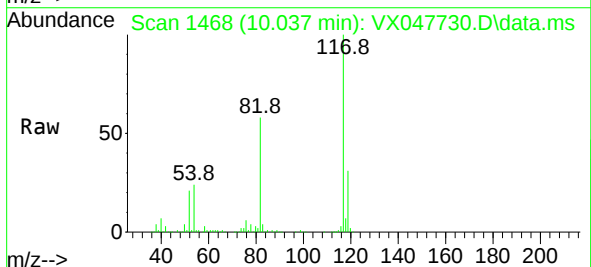
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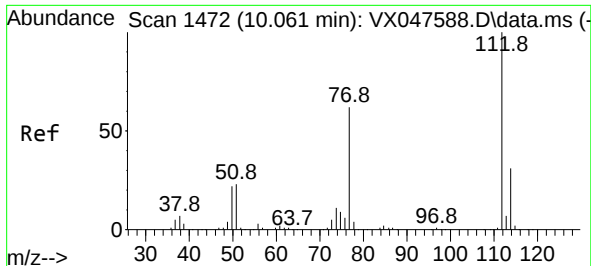
Tgt Ion: 95 Resp: 146404
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 70.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

Tgt Ion: 117 Resp: 301046
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 31.4 25.2 37.8

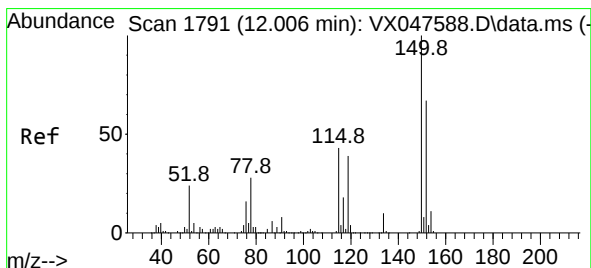
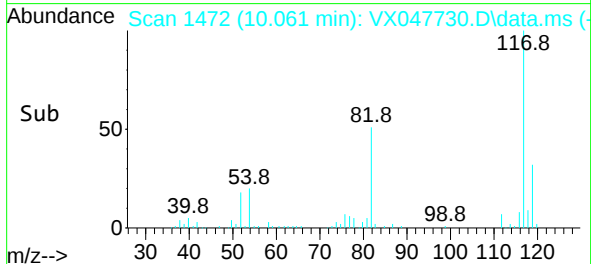
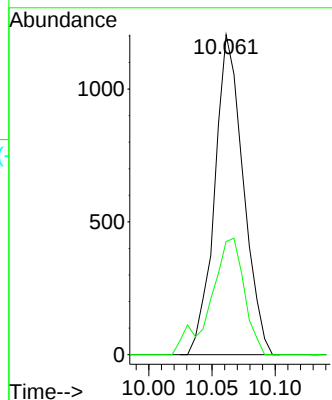
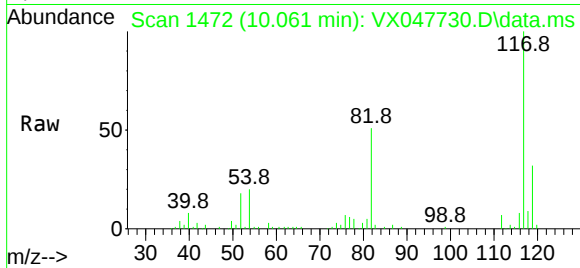




#65
Chlorobenzene
Concen: 0.277 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-60-62

Tgt Ion:112 Resp: 1894
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047730.D
Acq: 23 Sep 2025 14:07

Tgt Ion:152 Resp: 155521
Ion Ratio Lower Upper
152 100
115 62.0 44.9 134.5
150 158.7 0.0 352.0

