

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048317.D
 Acq On : 23 Oct 2025 12:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 24 05:42:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

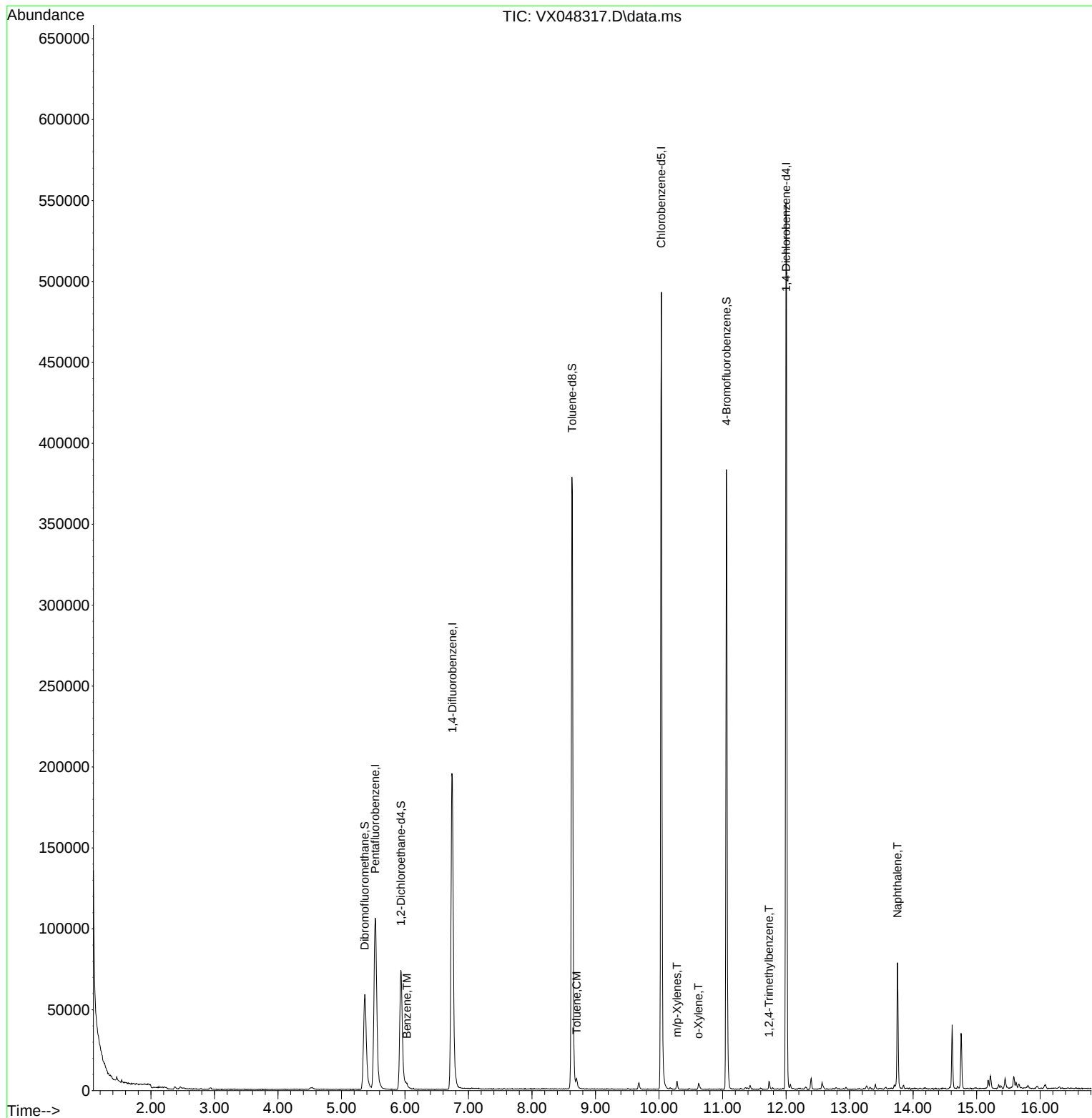
Internal Standards						
1) Pentafluorobenzene	5.531	168	106931	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	214044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	114840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	82206	54.831	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.660%	
35) Dibromofluoromethane	5.367	113	56967	38.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 77.960%	
50) Toluene-d8	8.628	98	237214	46.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.620%	
62) 4-Bromofluorobenzene	11.061	95	105717	54.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.520%	
Target Compounds						
					Qvalue	
40) Benzene	6.031	78	2808	0.466	ug/l #	89
52) Toluene	8.702	92	1923	0.502	ug/l	100
68) m/p-Xylenes	10.281	106	1354	0.431	ug/l	86
69) o-Xylene	10.622	106	885	0.292	ug/l	88
84) 1,2,4-Trimethylbenzene	11.732	105	2456	0.355	ug/l	89
95) Naphthalene	13.756	128	48533	7.277	ug/l	100

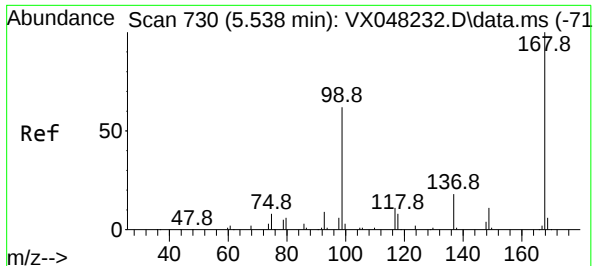
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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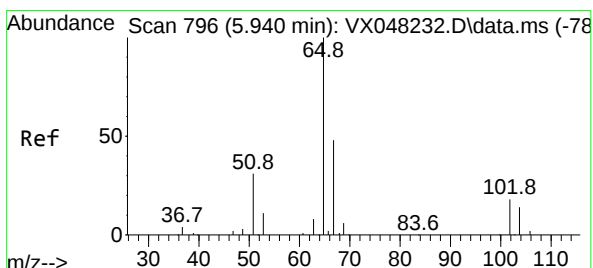
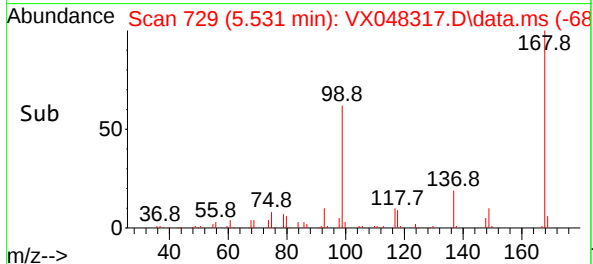
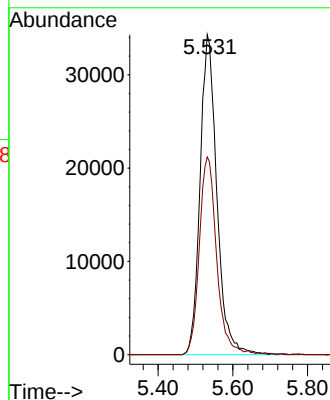
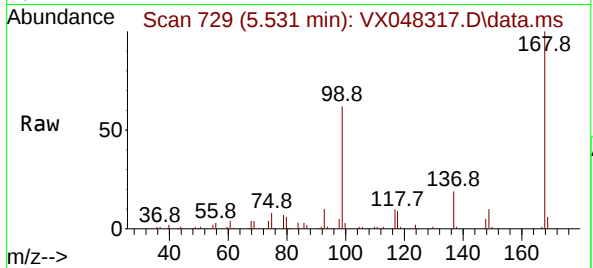




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 719
Delta R.T. -0.013 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

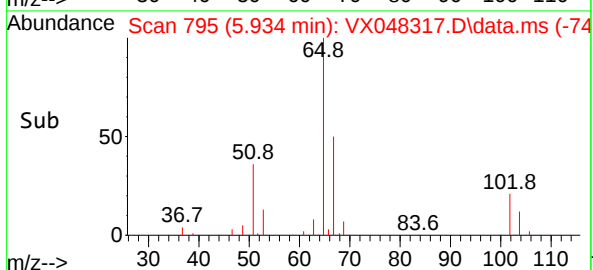
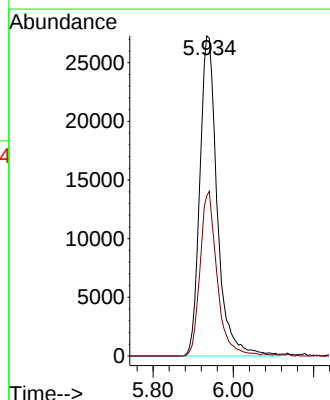
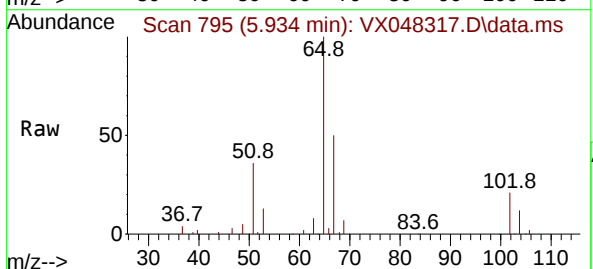
Instrument :
MSVOA_X
ClientSampleId :
IBLK

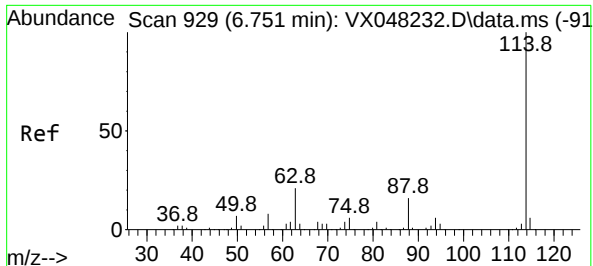
Tgt Ion:168 Resp: 106931
Ion Ratio Lower Upper
168 100
99 61.8 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 54.831 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

Tgt Ion: 65 Resp: 82206
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.0

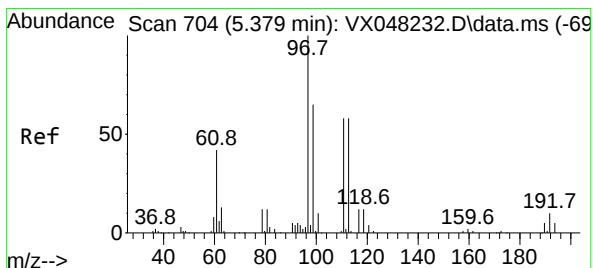
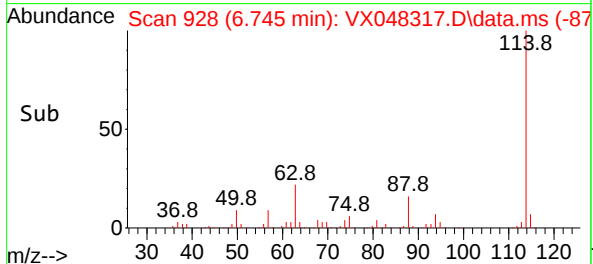
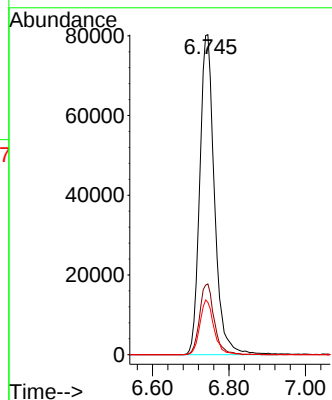
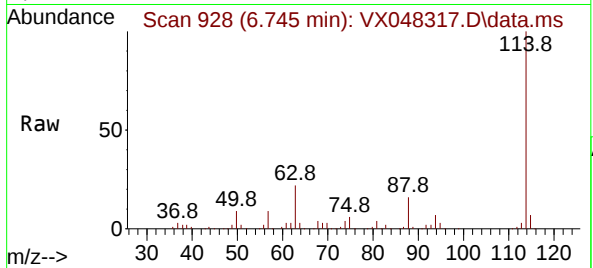




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

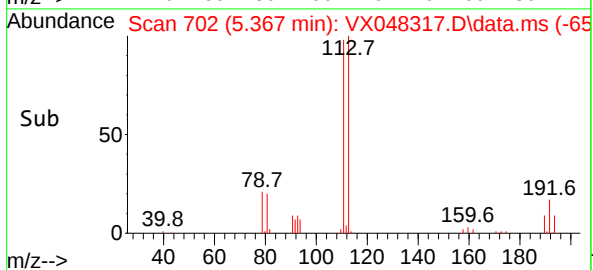
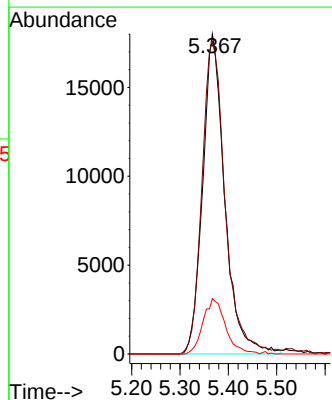
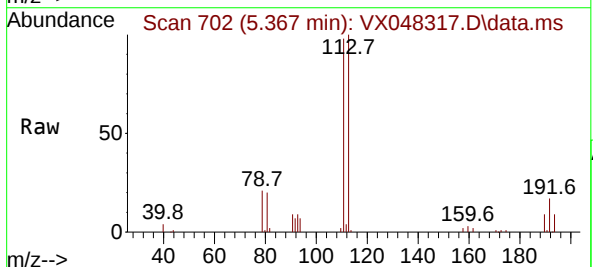
Instrument :
MSVOA_X
ClientSampleId :
IBLK

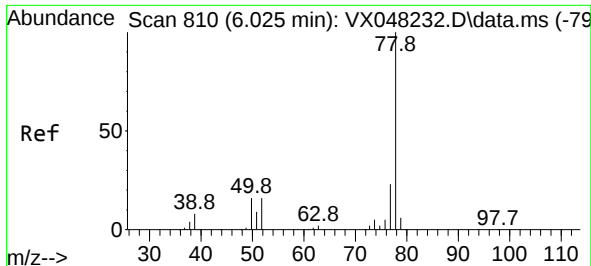
Tgt Ion:114 Resp: 214044
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.2
88 16.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 38.985 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

Tgt Ion:113 Resp: 56967
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.6 15.1 22.7

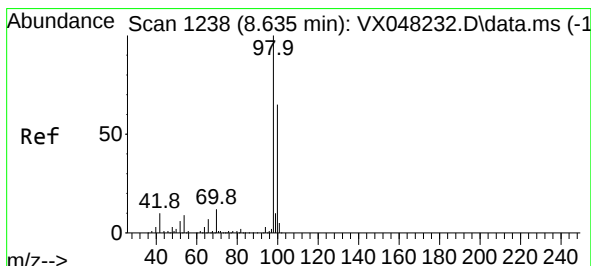
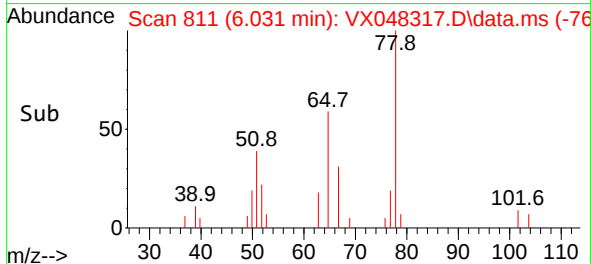
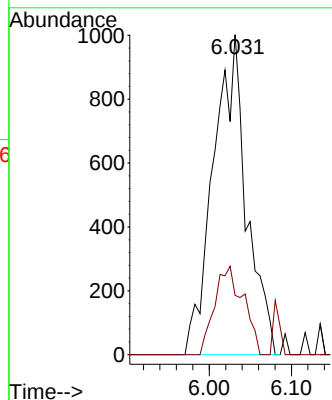
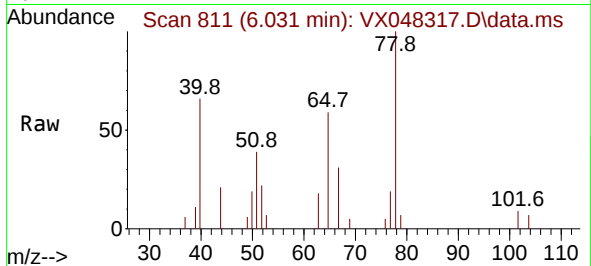




#40
Benzene
Concen: 0.466 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

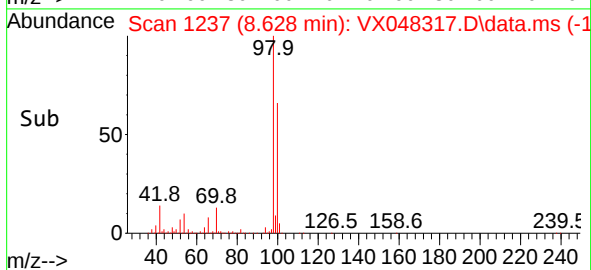
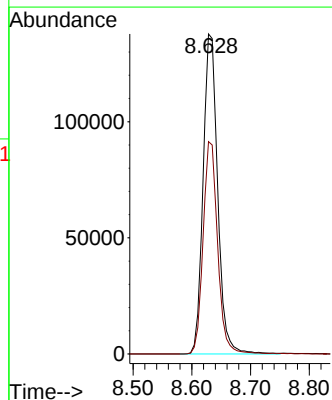
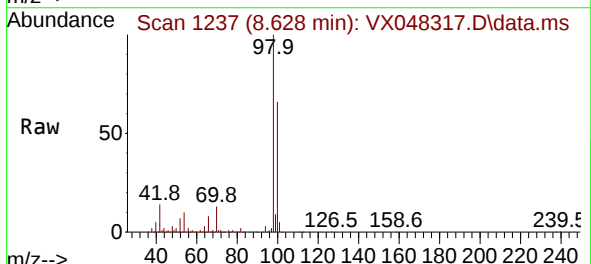
Instrument :
MSVOA_X
ClientSampleId :
IBLK

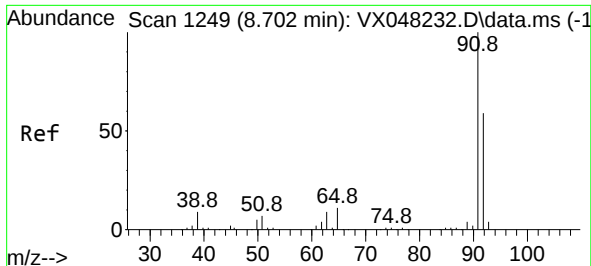
Tgt Ion: 78 Resp: 2808
Ion Ratio Lower Upper
78 100
77 18.6 19.3 28.9#



#50
Toluene-d8
Concen: 46.314 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

Tgt Ion: 98 Resp: 237214
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

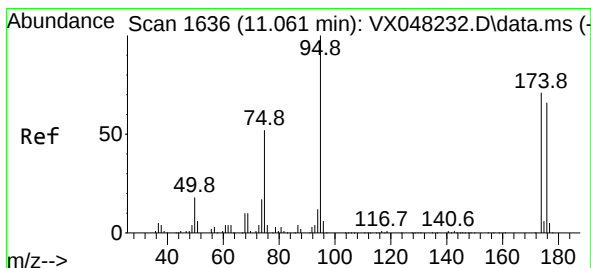
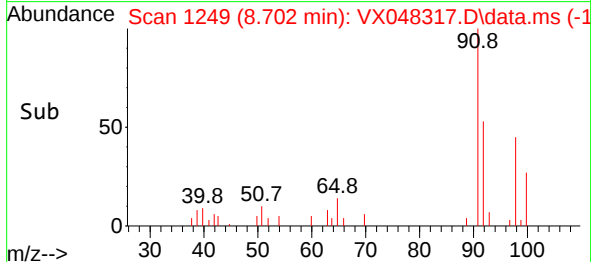
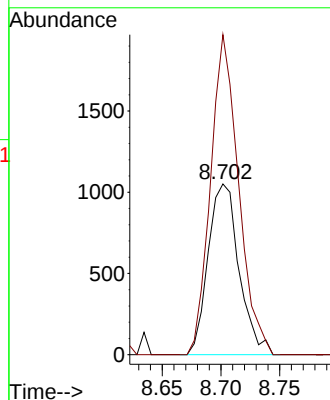
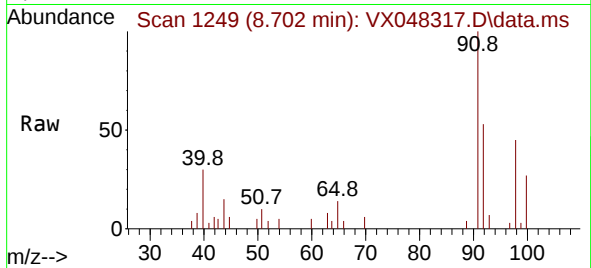




#52
Toluene
Concen: 0.502 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

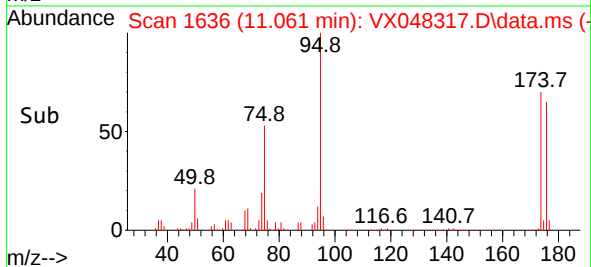
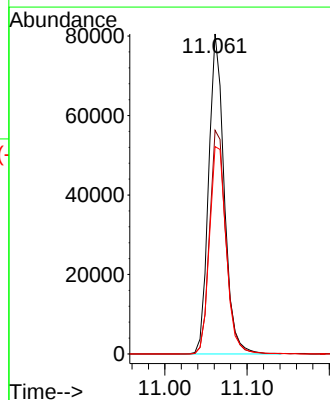
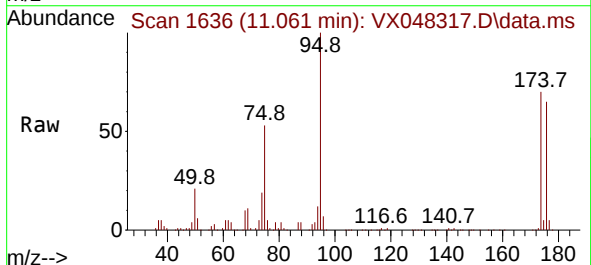
Instrument :
MSVOA_X
ClientSampleId :
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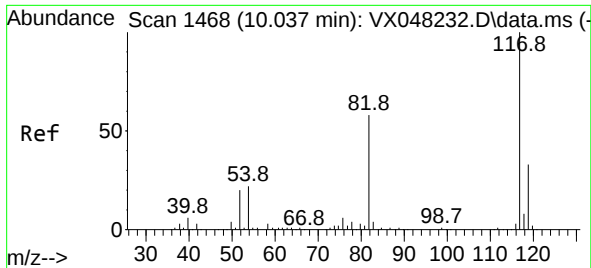
Tgt Ion: 92 Resp: 1923
Ion Ratio Lower Upper
92 100
91 170.2 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 54.255 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

Tgt Ion: 95 Resp: 105717
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.8
176 69.8 0.0 142.8

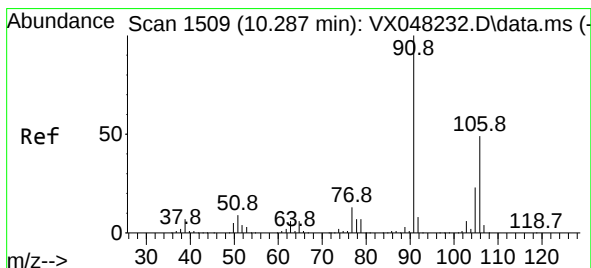
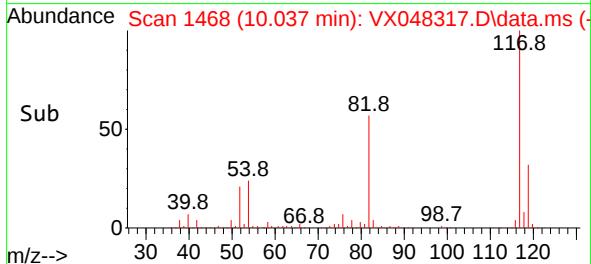
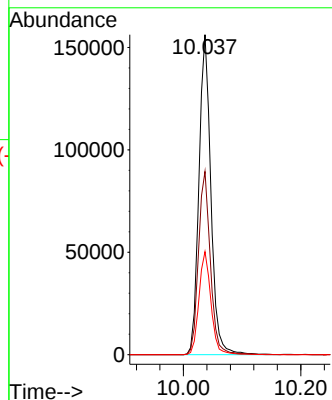
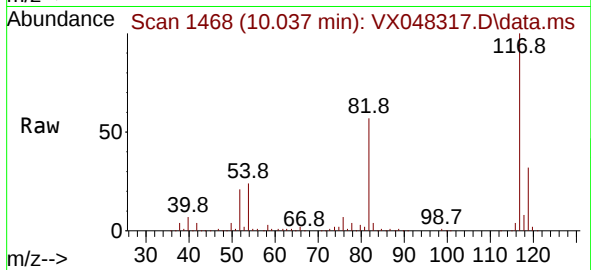




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

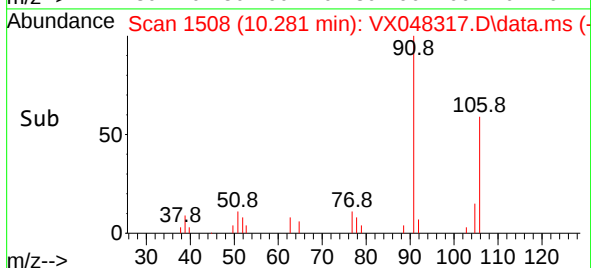
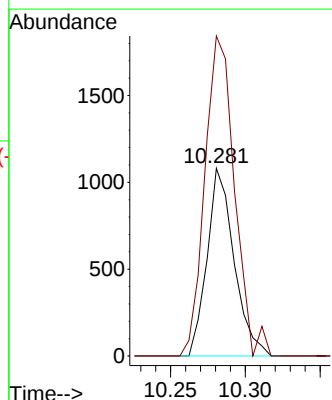
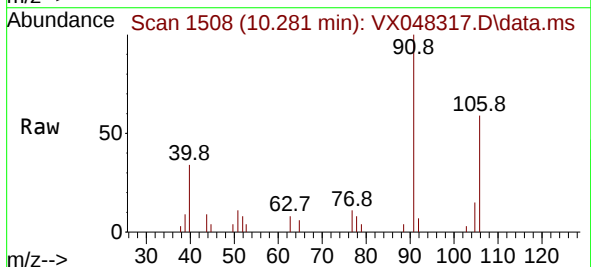
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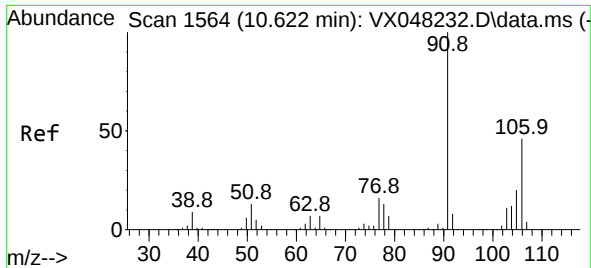
Tgt Ion:117 Resp: 220969
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 32.2 25.9 38.9



#68
m/p-Xylenes
Concen: 0.431 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

Tgt Ion:106 Resp: 1354
Ion Ratio Lower Upper
106 100
91 187.6 167.9 251.9

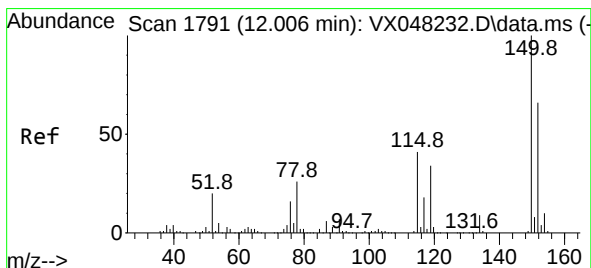
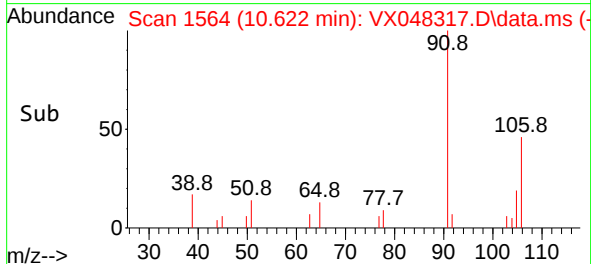
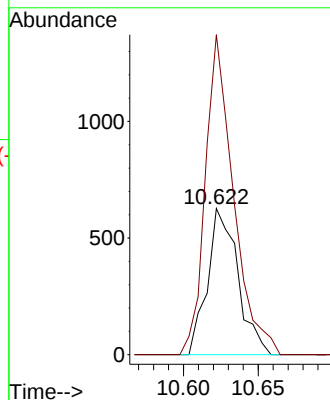
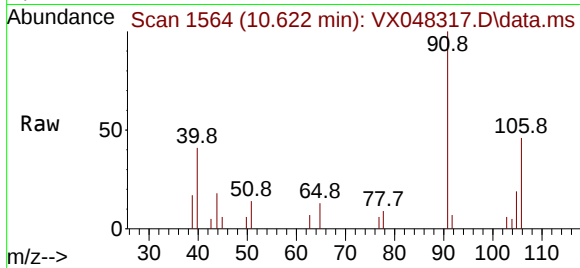




#69
o-Xylene
Concen: 0.292 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

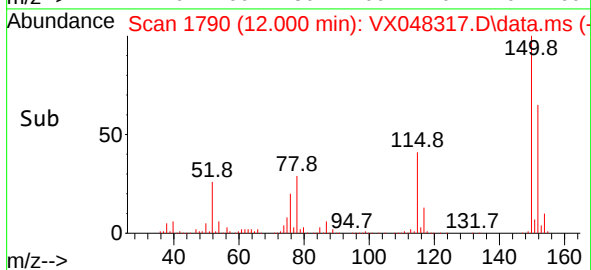
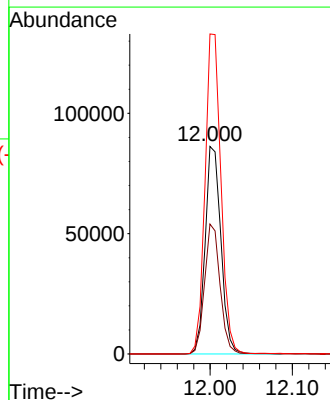
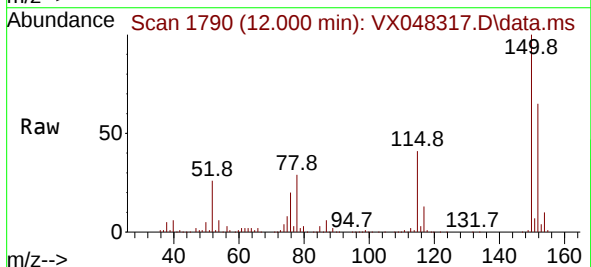
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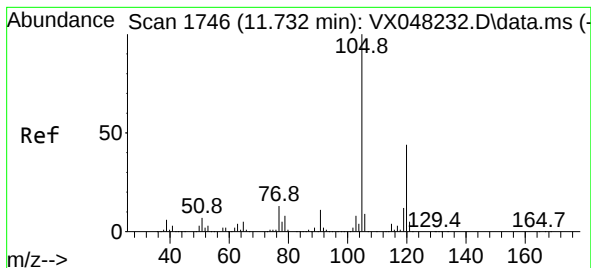
Tgt Ion:106 Resp: 885
Ion Ratio Lower Upper
106 100
91 203.2 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048317.D
Acq: 23 Oct 2025 12:21

Tgt Ion:152 Resp: 114840
Ion Ratio Lower Upper
152 100
115 61.6 43.1 129.4
150 155.3 0.0 353.0





#84

1,2,4-Trimethylbenzene

Concen: 0.355 ug/l

RT: 11.732 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048317.D

Acq: 23 Oct 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

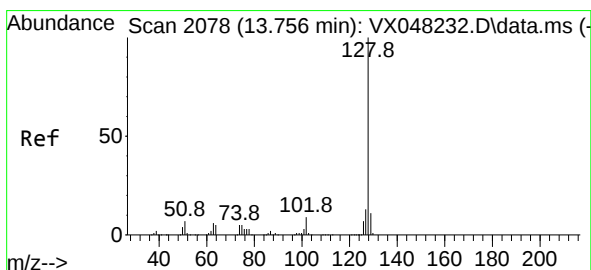
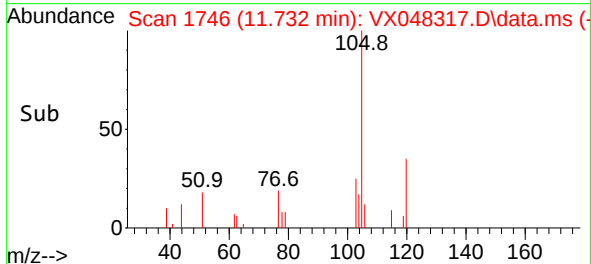
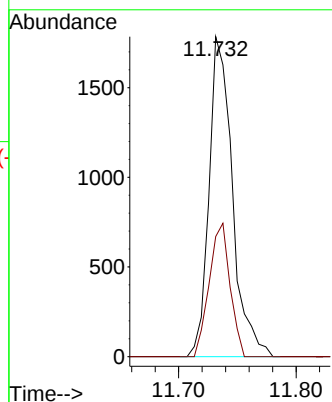
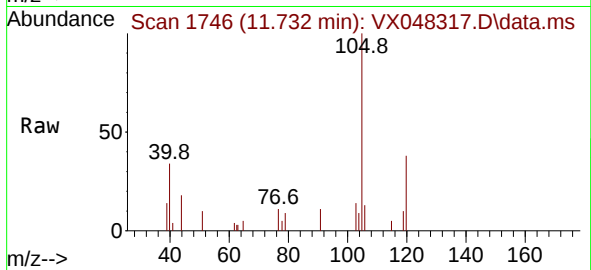
IBLK

Tgt Ion:105 Resp: 2456

Ion Ratio Lower Upper

105 100

120 37.1 22.1 66.5



#95

Naphthalene

Concen: 7.277 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048317.D

Acq: 23 Oct 2025 12:21

Tgt Ion:128 Resp: 48533

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.7 8.6 12.8

