

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047582.D
 Acq On : 02 Sep 2025 14:26
 Operator : JC/MD
 Sample : Q2990-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 306

Quant Time: Sep 03 02:17:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

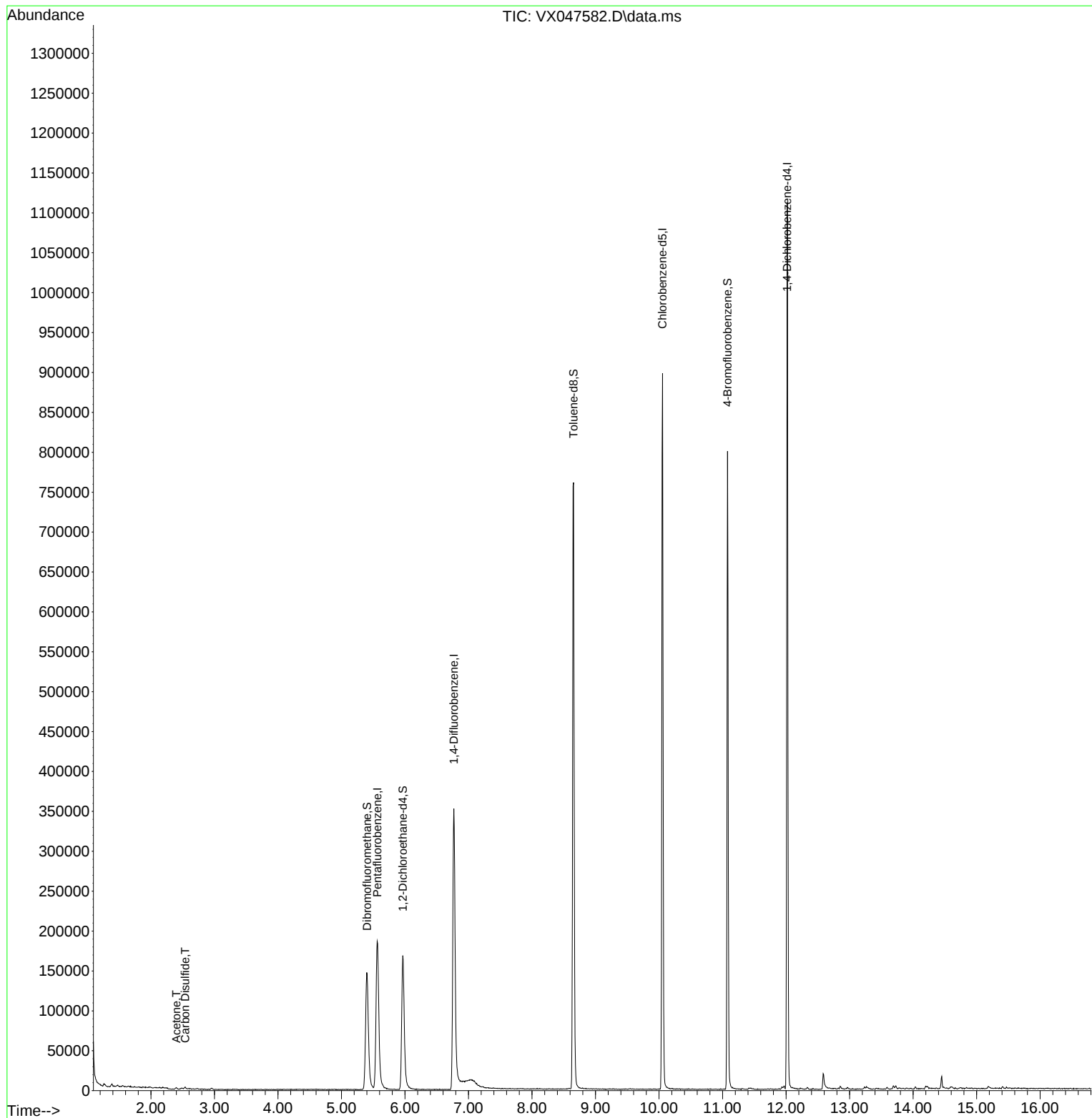
Internal Standards						
1) Pentafluorobenzene	5.562	168	191064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	385599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	217323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177066	60.348	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.700%#	
35) Dibromofluoromethane	5.404	113	141346	53.408	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.820%	
50) Toluene-d8	8.653	98	478960	51.632	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	11.079	95	209506	60.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.240%	
Target Compounds						
						Qvalue
16) Acetone	2.398	43	2751	2.367	ug/l	90
17) Carbon Disulfide	2.538	76	2482	0.346	ug/l #	94

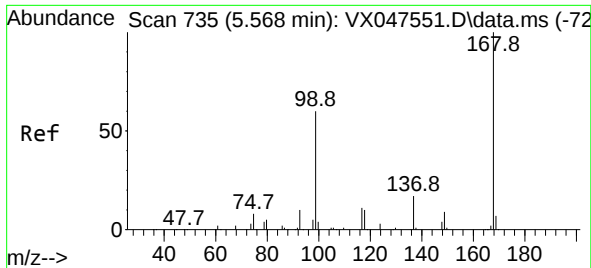
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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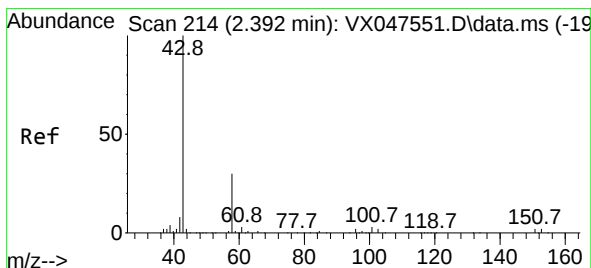
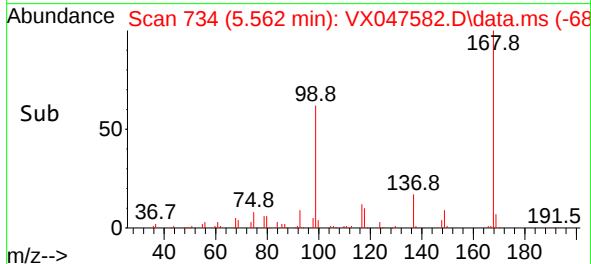
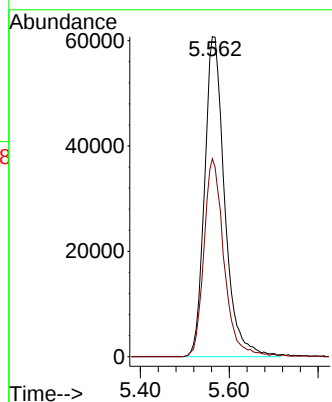
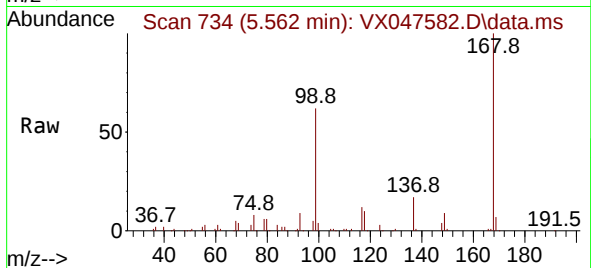




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

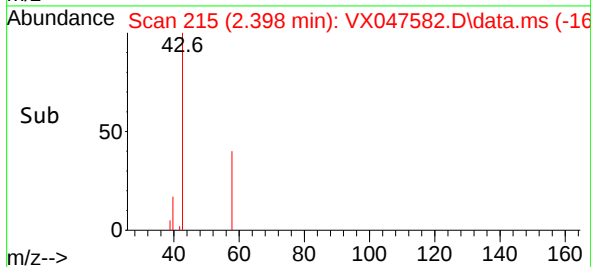
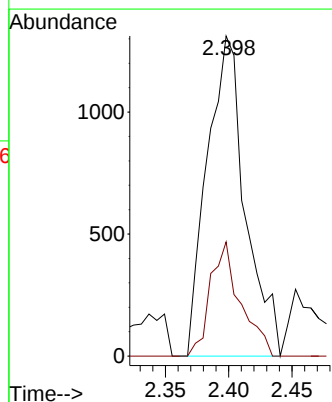
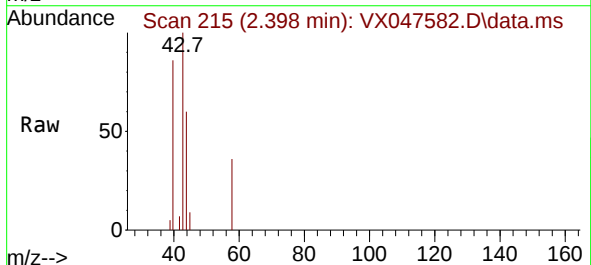
Instrument :
MSVOA_X
ClientSampleId :
306

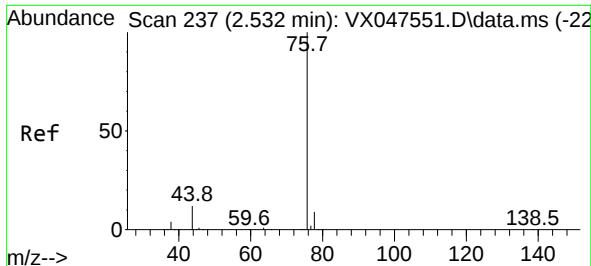
Tgt Ion:168 Resp: 191064
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#16
Acetone
Concen: 2.367 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion: 43 Resp: 2751
Ion Ratio Lower Upper
43 100
58 35.7 24.2 36.2

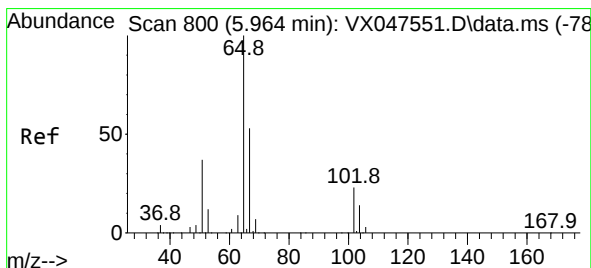
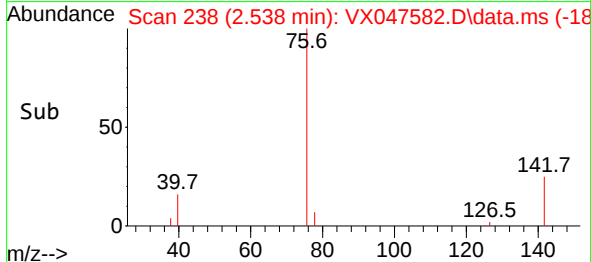
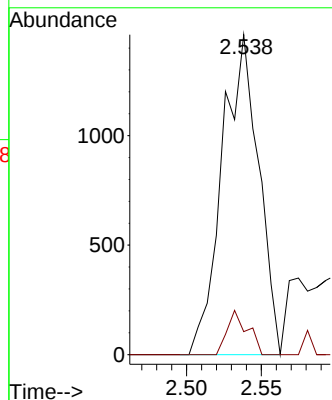
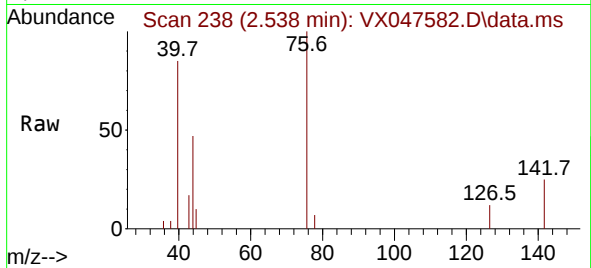




#17
Carbon Disulfide
Concen: 0.346 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

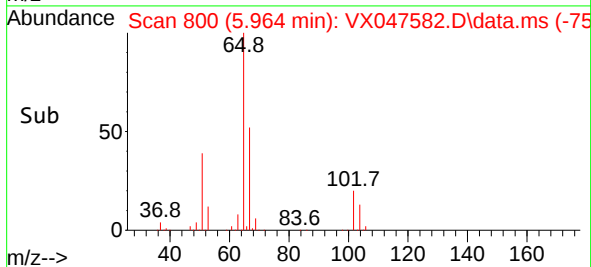
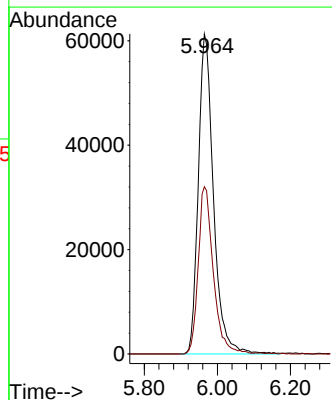
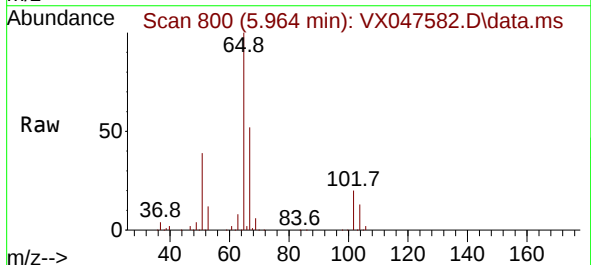
Instrument :
MSVOA_X
ClientSampleId :
306

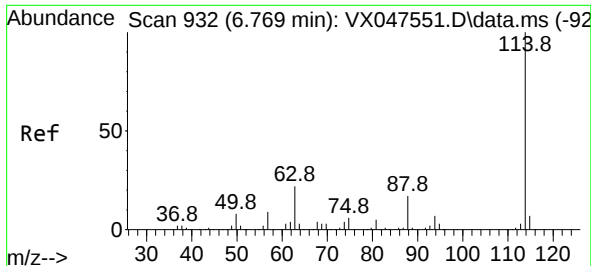
Tgt Ion: 76 Resp: 2482
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 60.348 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion: 65 Resp: 177066
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

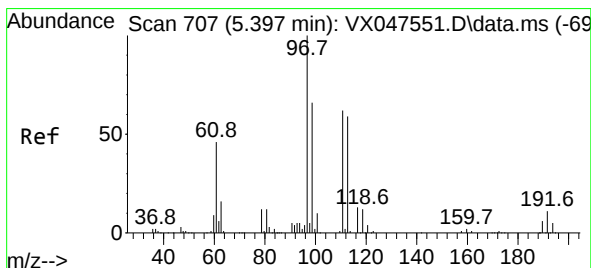
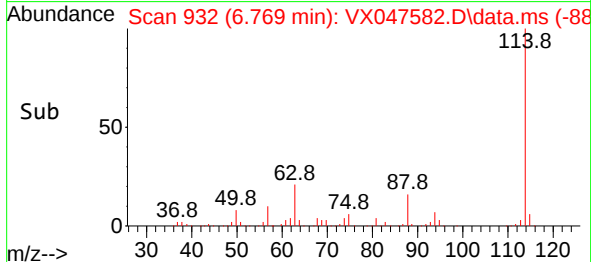
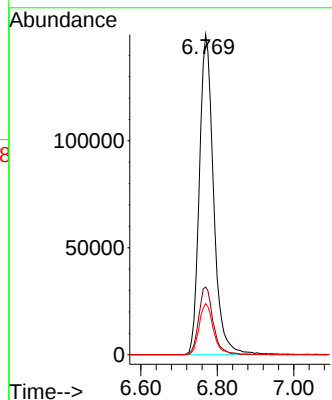
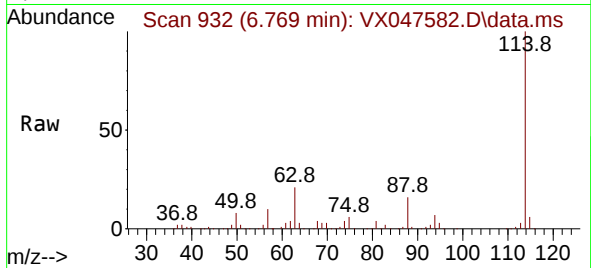




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

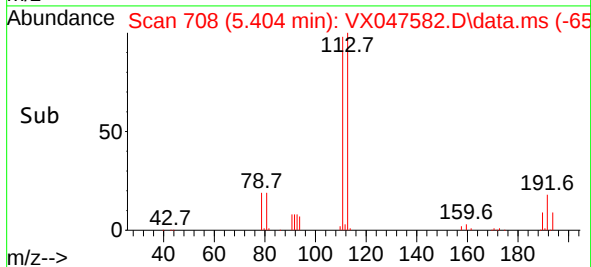
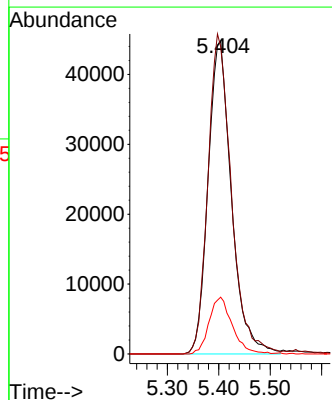
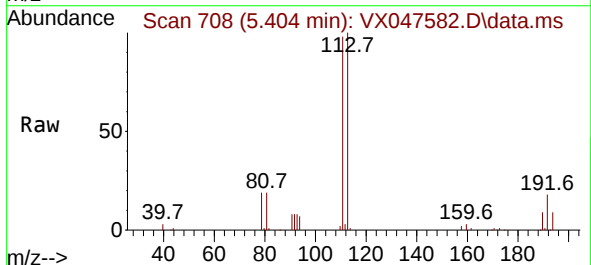
Instrument :
MSVOA_X
ClientSampleId :
306

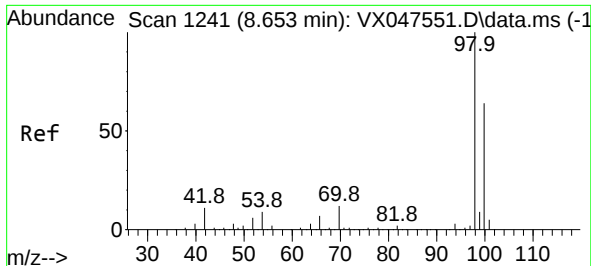
Tgt Ion:114 Resp: 385599
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.408 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion:113 Resp: 141346
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 18.0 14.2 21.4

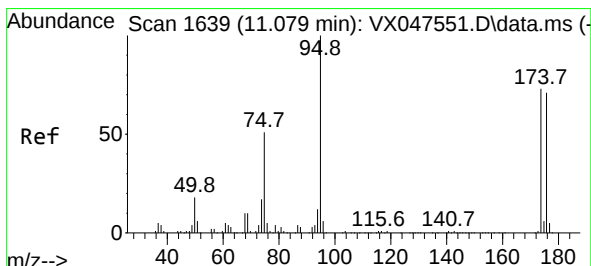
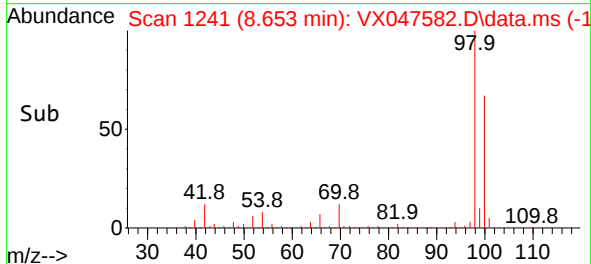
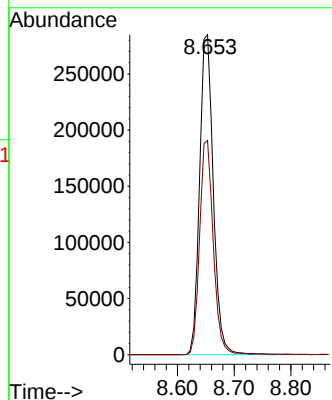
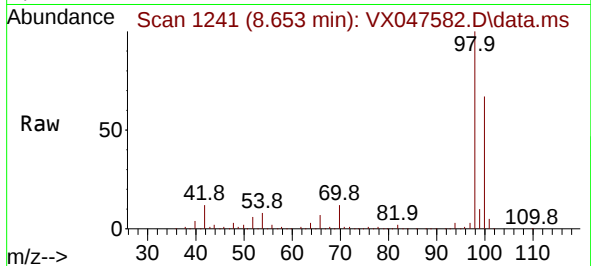




#50
Toluene-d8
Concen: 51.632 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

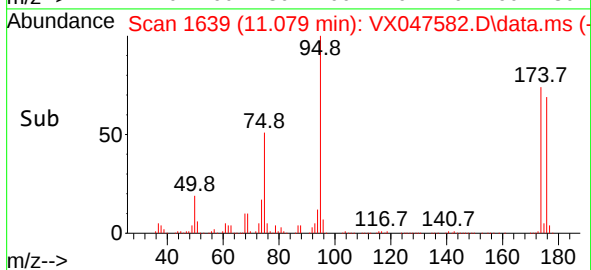
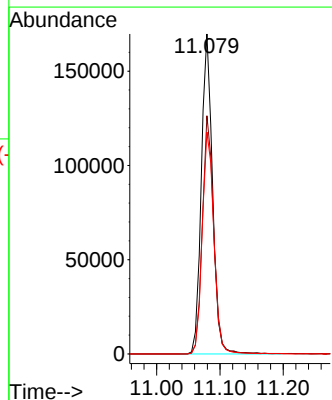
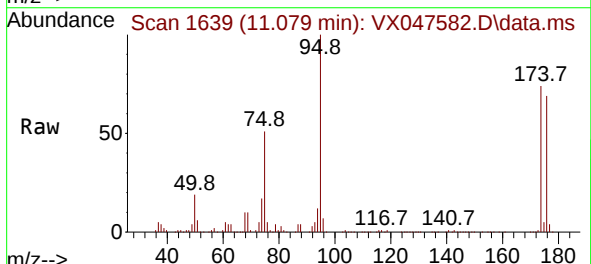
Instrument :
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ClientSampleId :
306

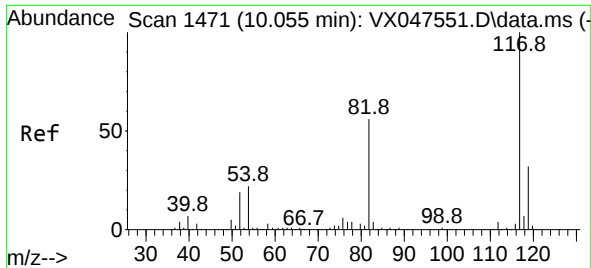
Tgt Ion: 98 Resp: 478960
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 60.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion: 95 Resp: 209506
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.2
176 72.0 0.0 140.4

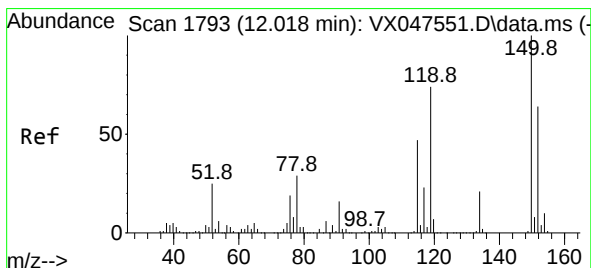
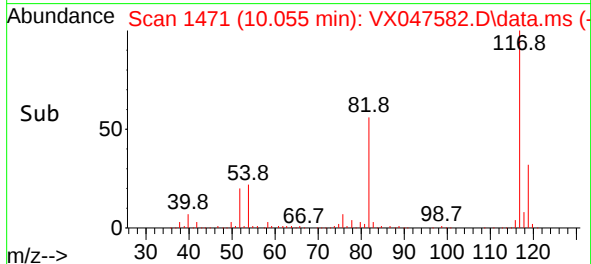
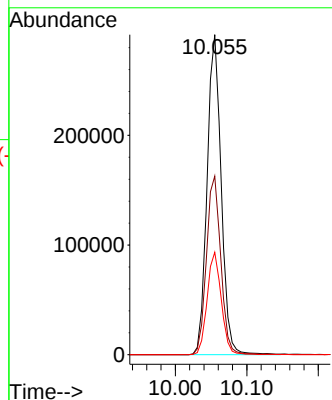
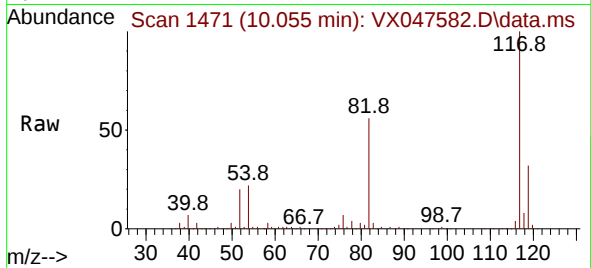




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Instrument :
MSVOA_X
ClientSampleId :
306

Tgt Ion:117 Resp: 400109
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047582.D
Acq: 02 Sep 2025 14:26

Tgt Ion:152 Resp: 217323
Ion Ratio Lower Upper
152 100
115 61.5 42.9 128.5
150 157.4 0.0 351.0

