

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047385.D
 Acq On : 18 Aug 2025 16:18
 Operator : JC/MD
 Sample : Q2815-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-S

Quant Time: Aug 19 01:45:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

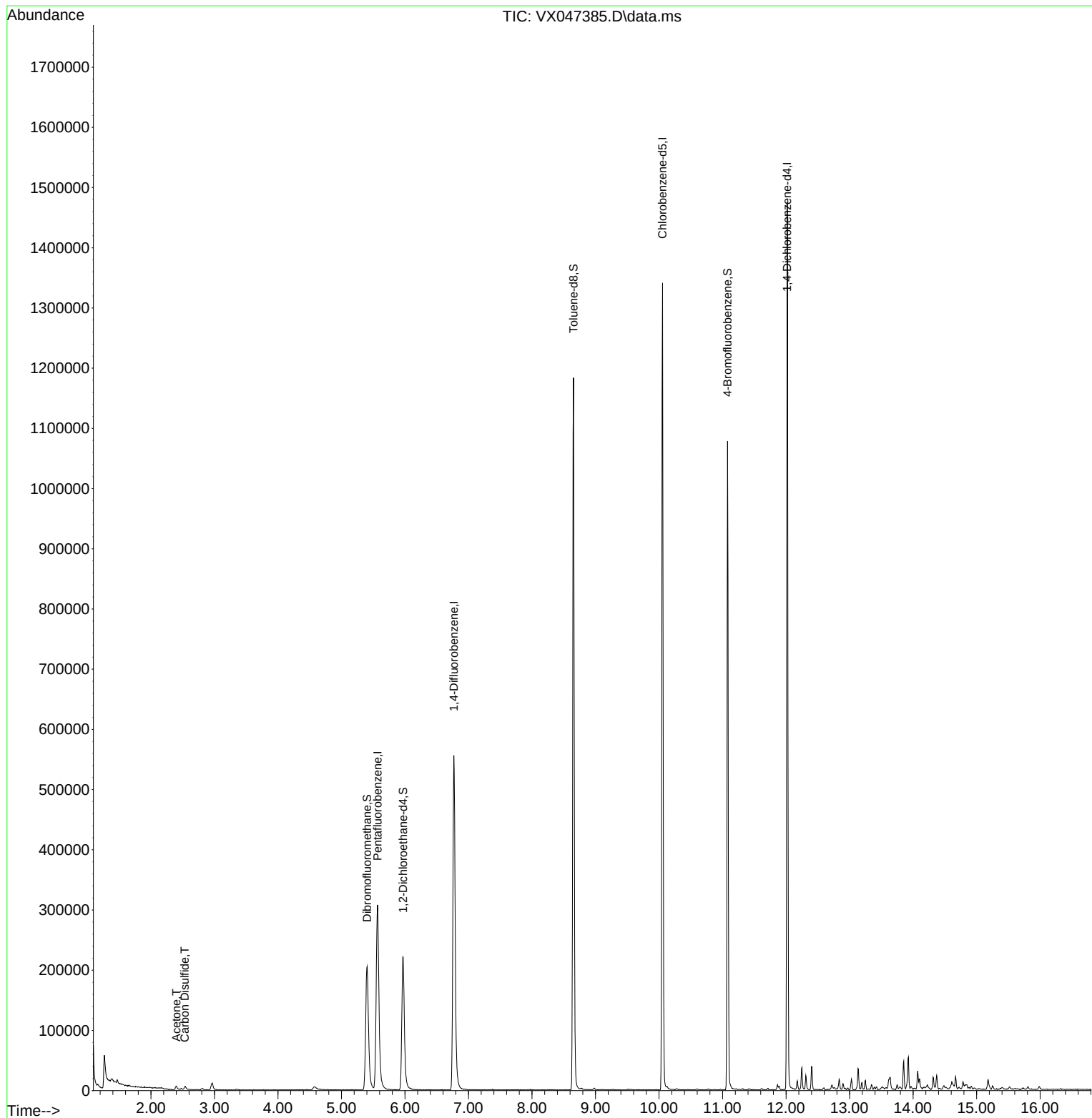
Internal Standards						
1) Pentafluorobenzene	5.568	168	302438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	598959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	585621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	291956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	234397	55.377	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.760%	
35) Dibromofluoromethane	5.403	113	196800	50.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	8.653	98	700819	50.439	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	11.079	95	286348	55.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	9034	5.678	ug/l	97
17) Carbon Disulfide	2.532	76	4734	0.412	ug/l #	93

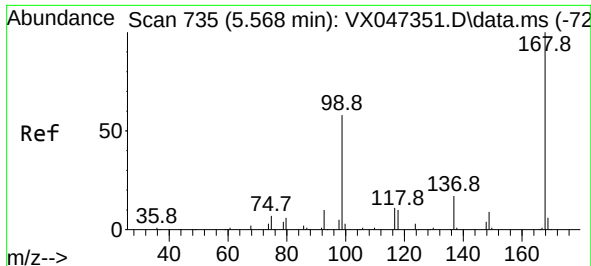
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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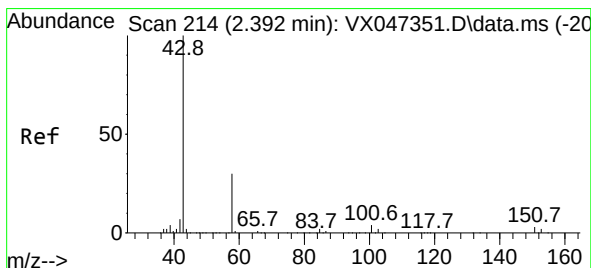
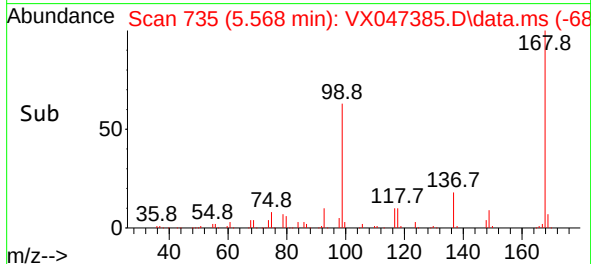
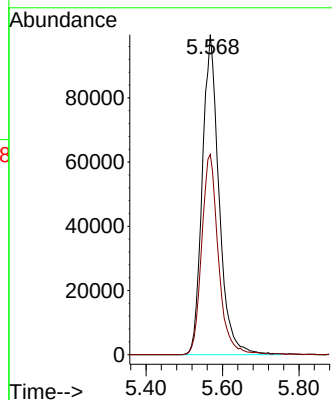
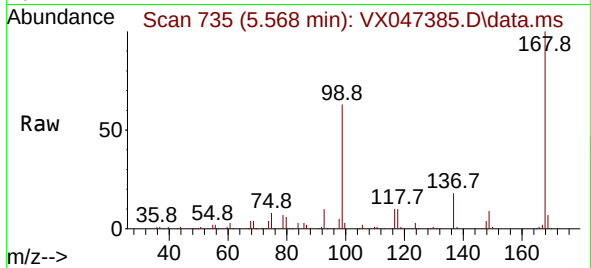




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

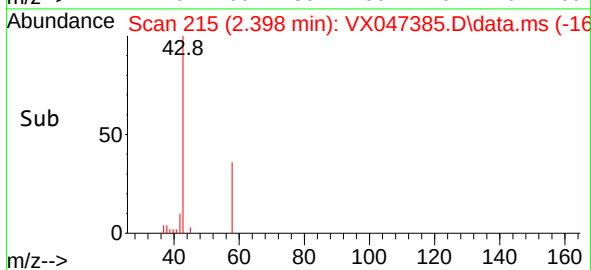
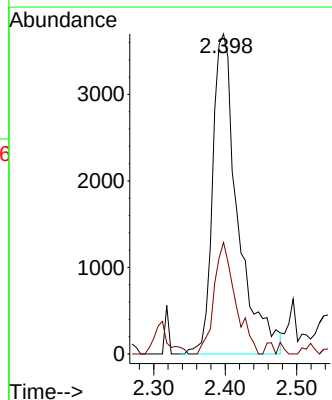
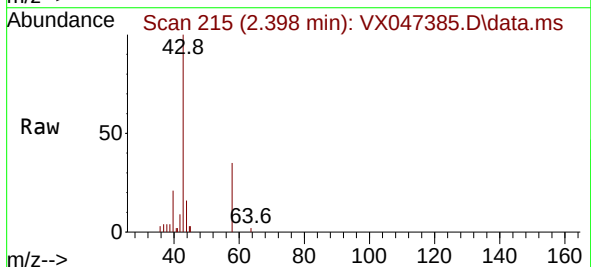
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-S

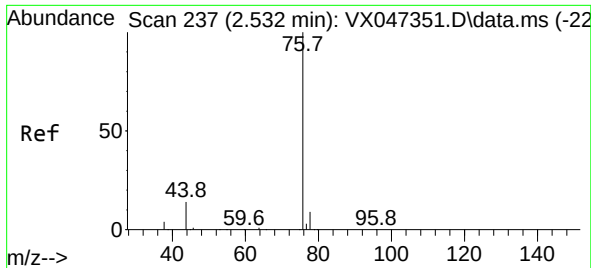
Tgt Ion:168 Resp: 302438
Ion Ratio Lower Upper
168 100
99 62.6 47.9 71.9



#16
Acetone
Concen: 5.678 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

Tgt Ion: 43 Resp: 9034
Ion Ratio Lower Upper
43 100
58 32.8 24.8 37.2

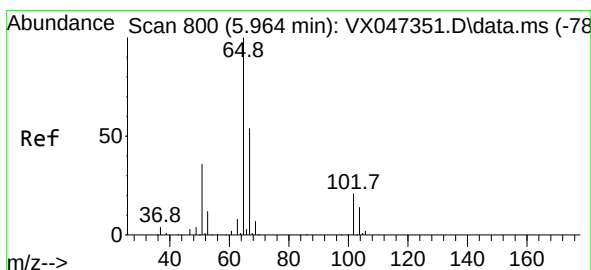
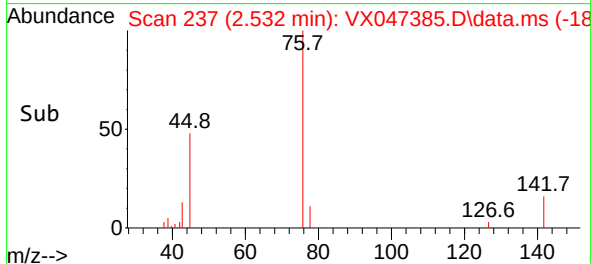
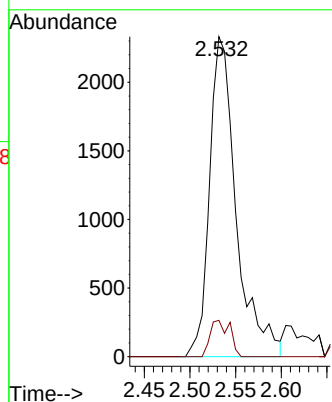
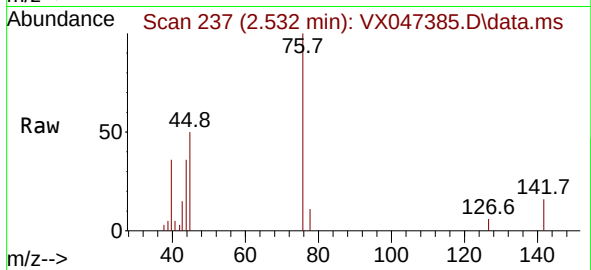




#17
Carbon Disulfide
Concen: 0.412 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

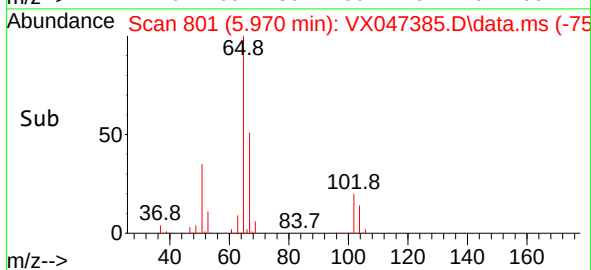
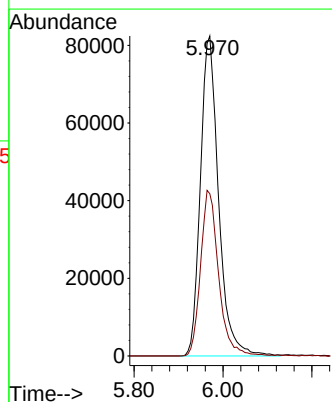
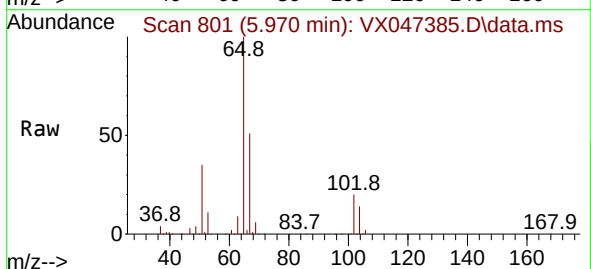
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-S

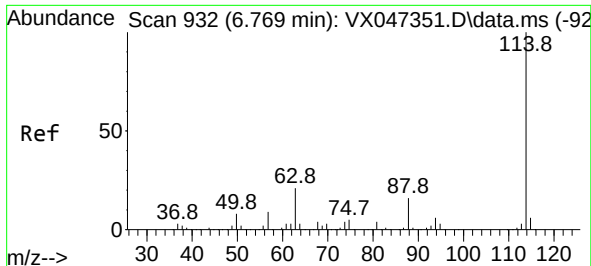
Tgt Ion: 76 Resp: 4734
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#



#33
1,2-Dichloroethane-d4
Concen: 55.377 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

Tgt Ion: 65 Resp: 234397
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0

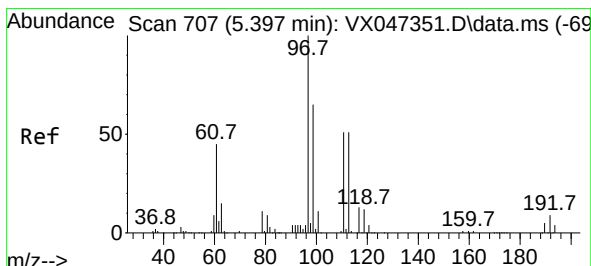
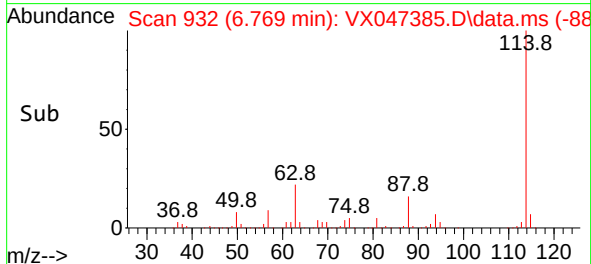
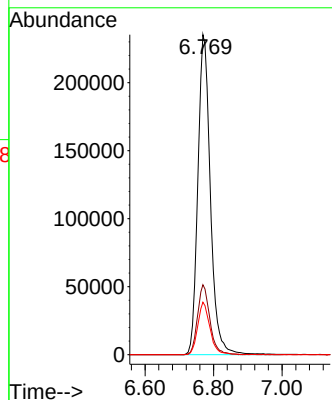
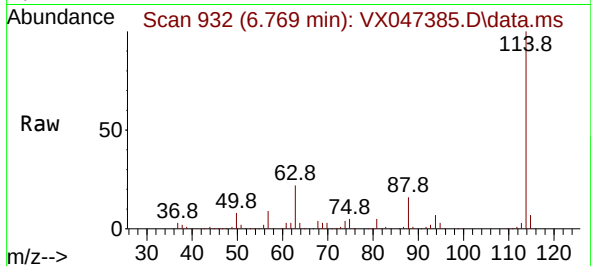




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

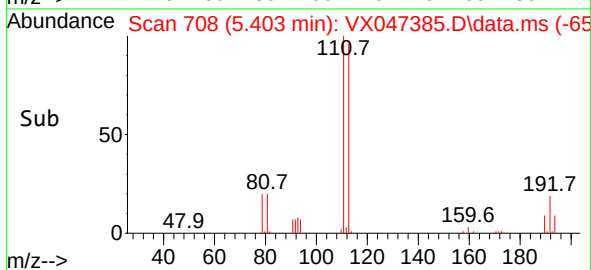
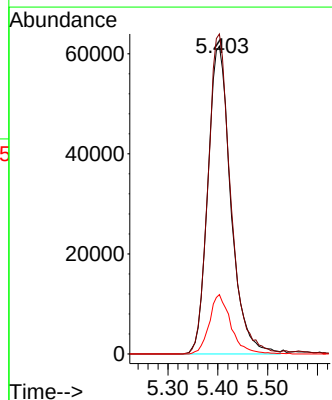
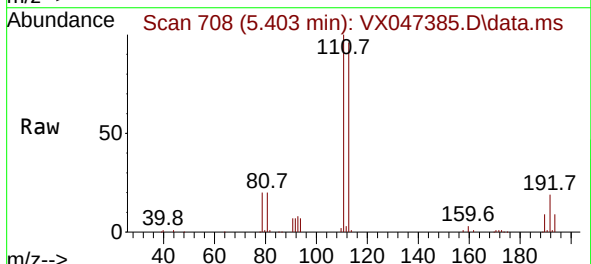
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-S

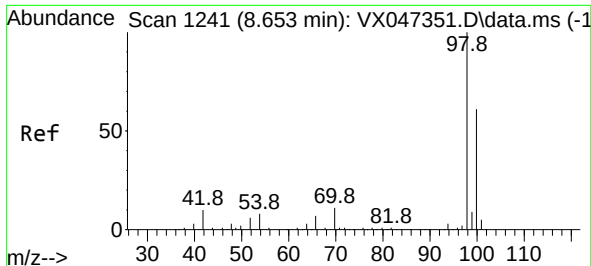
Tgt Ion:114 Resp: 598959
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.626 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

Tgt Ion:113 Resp: 196800
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.2
192 18.2 14.1 21.1

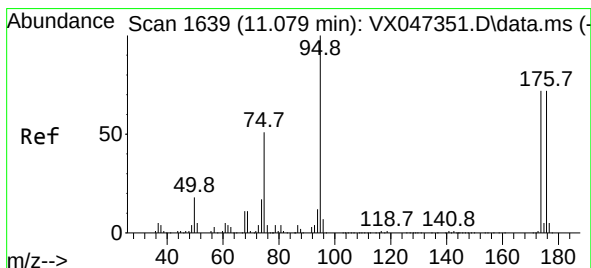
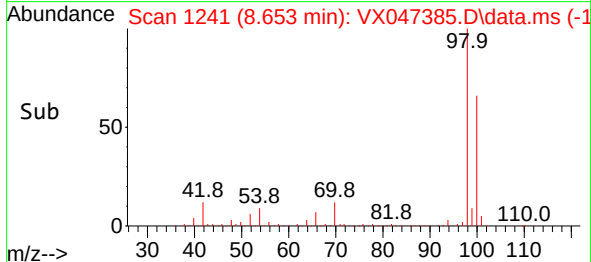
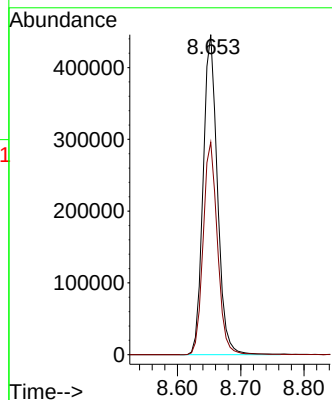
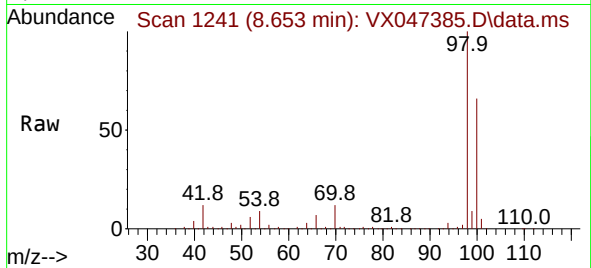




#50
Toluene-d8
Concen: 50.439 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

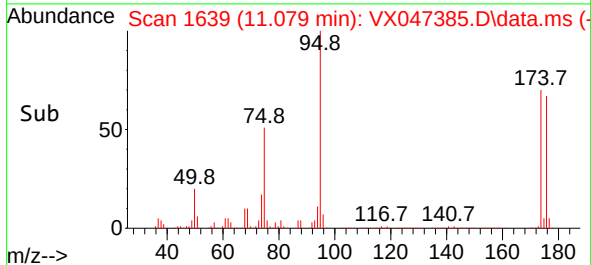
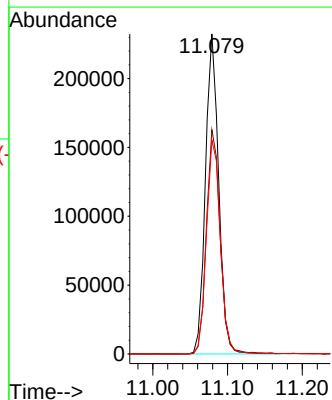
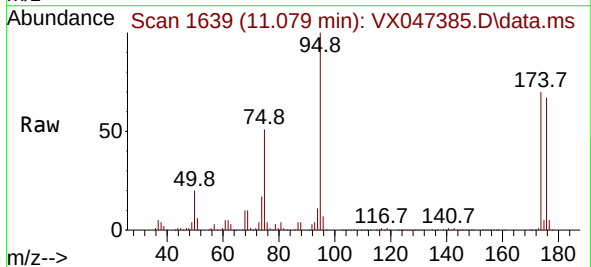
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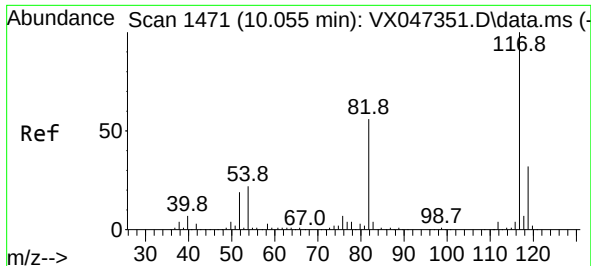
Tgt Ion: 98 Resp: 700819
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 55.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

Tgt Ion: 95 Resp: 286348
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.0
176 70.2 0.0 145.4

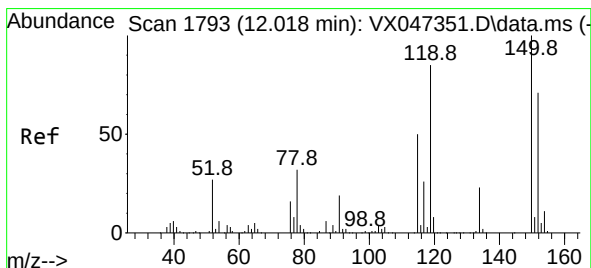
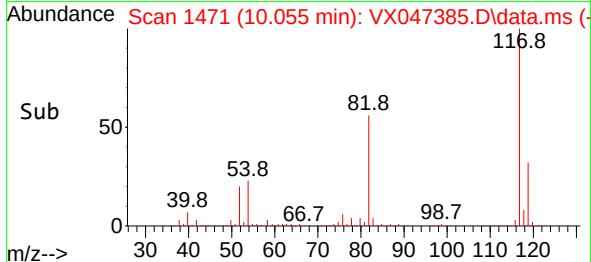
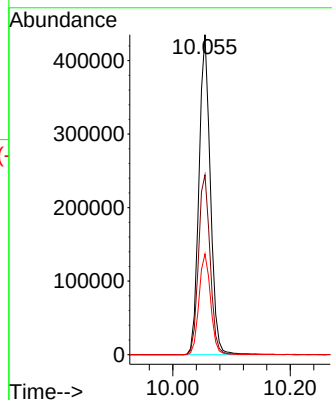
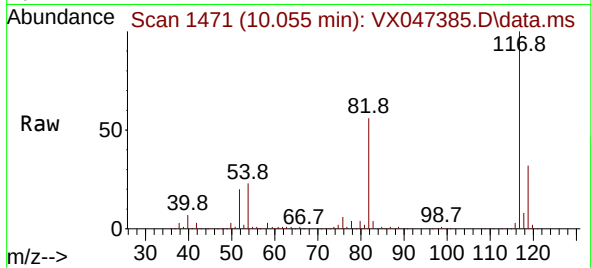




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 585621
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047385.D
Acq: 18 Aug 2025 16:18

Tgt Ion:152 Resp: 291956
Ion Ratio Lower Upper
152 100
115 62.4 44.6 133.8
150 157.5 0.0 349.8

