

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047328.D
 Acq On : 13 Aug 2025 17:19
 Operator : JC/MD
 Sample : Q2815-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-W

Quant Time: Aug 14 03:32:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

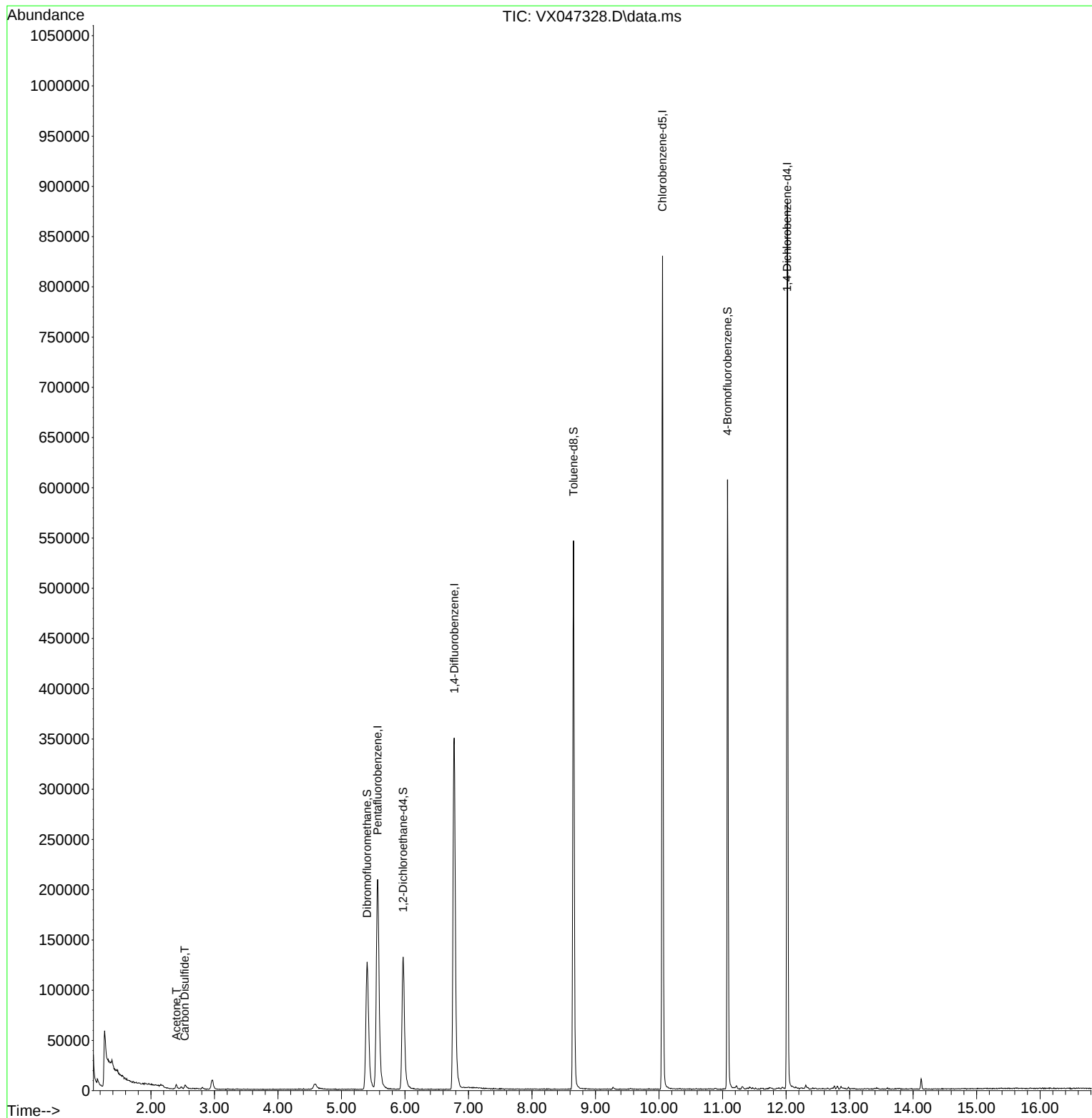
Internal Standards						
1) Pentafluorobenzene	5.568	168	209071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	387694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	182557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	137974	52.978	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.960%
35) Dibromofluoromethane	5.404	113	121320	50.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.360%
50) Toluene-d8	8.653	98	321749	41.505	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	83.000%#
62) 4-Bromofluorobenzene	11.079	95	156839	46.948	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.900%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	5548	5.318	ug/l	89
17) Carbon Disulfide	2.532	76	4129	0.543	ug/l #	90

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

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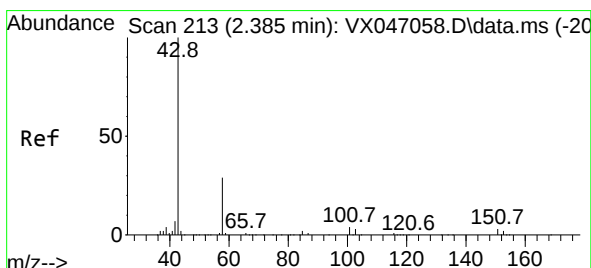
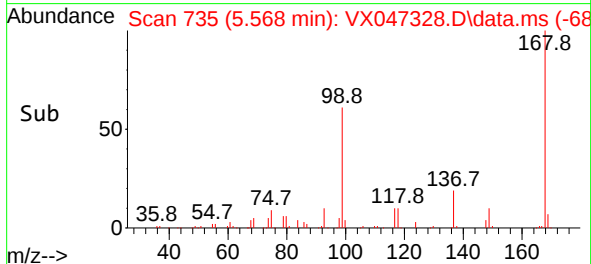
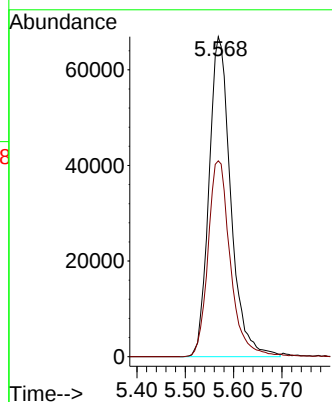
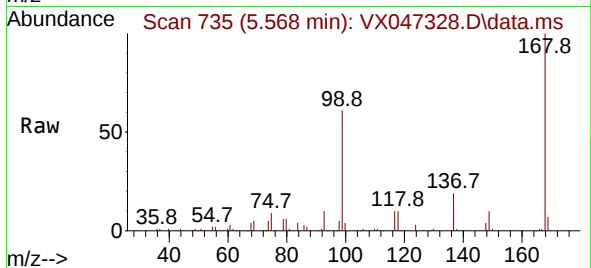




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

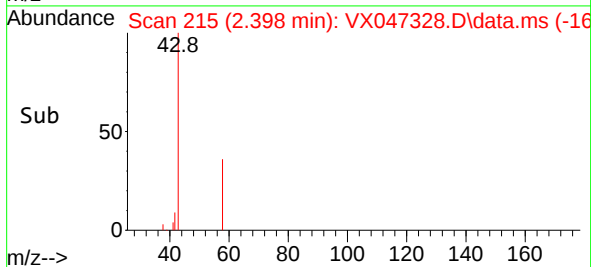
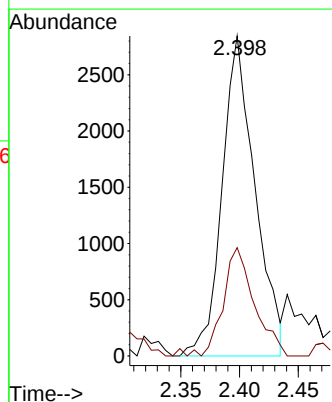
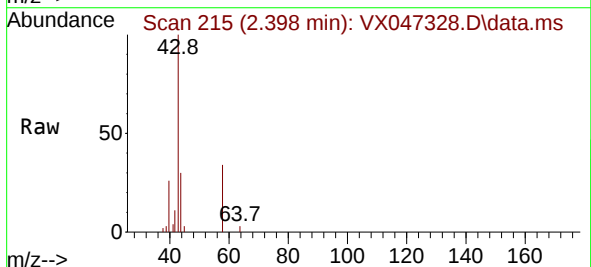
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-W

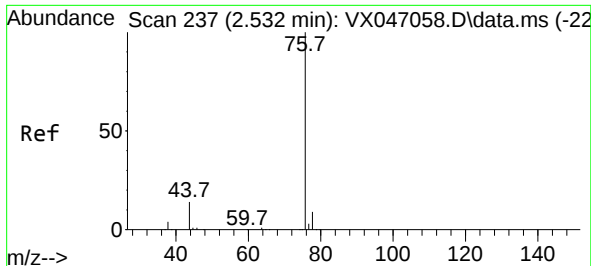
Tgt Ion:168 Resp: 209071
Ion Ratio Lower Upper
168 100
99 61.2 48.0 72.0



#16
Acetone
Concen: 5.318 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

Tgt Ion: 43 Resp: 5548
Ion Ratio Lower Upper
43 100
58 24.2 24.0 36.0

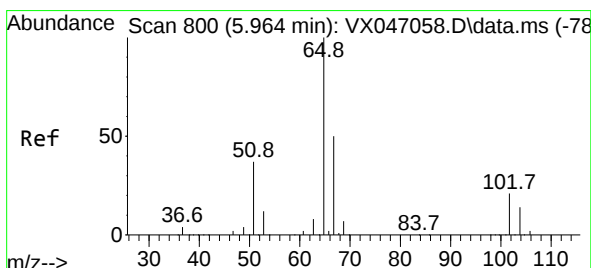
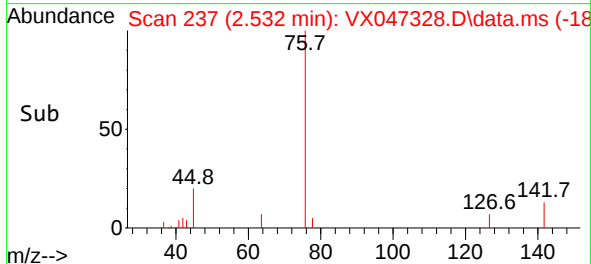
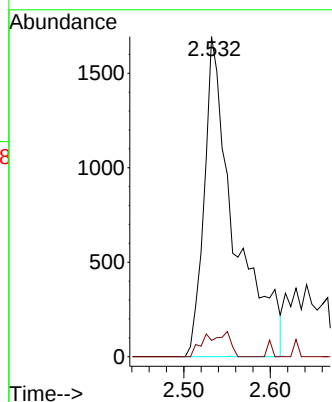
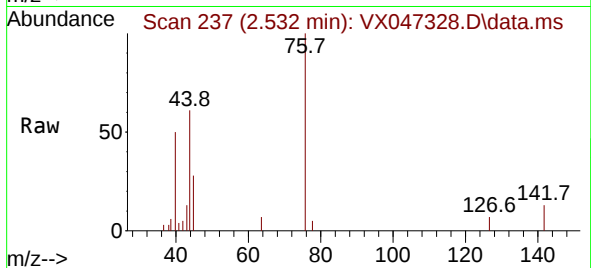




#17
Carbon Disulfide
Concen: 0.543 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

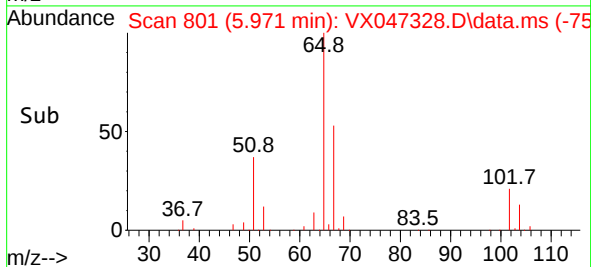
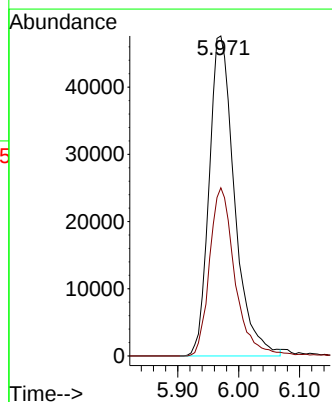
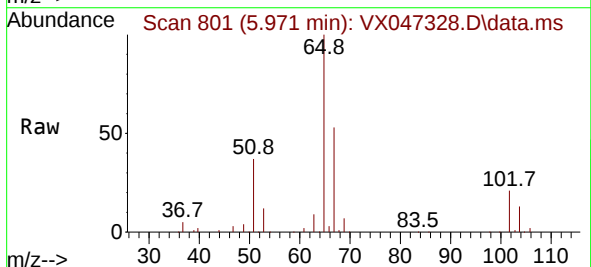
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-W

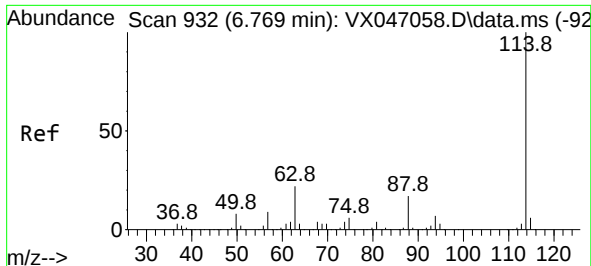
Tgt Ion: 76 Resp: 4129
Ion Ratio Lower Upper
76 100
78 5.1 7.0 10.4#



#33
1,2-Dichloroethane-d4
Concen: 52.978 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

Tgt Ion: 65 Resp: 137974
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

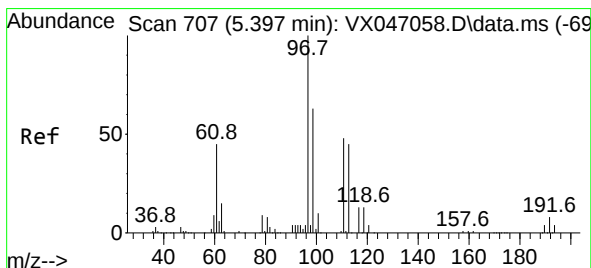
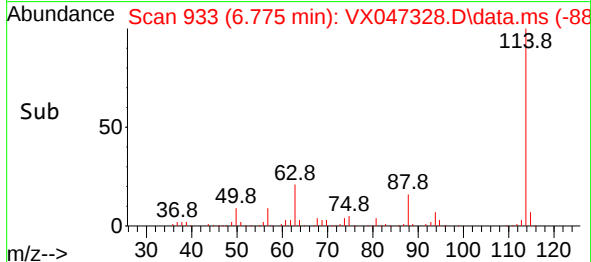
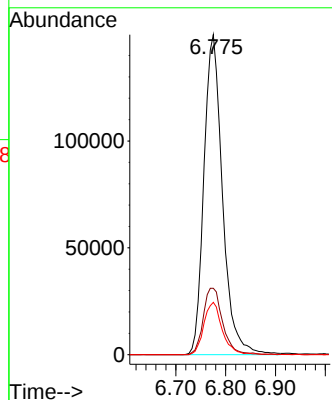
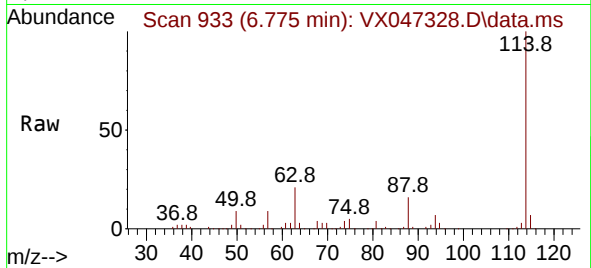




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.007 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

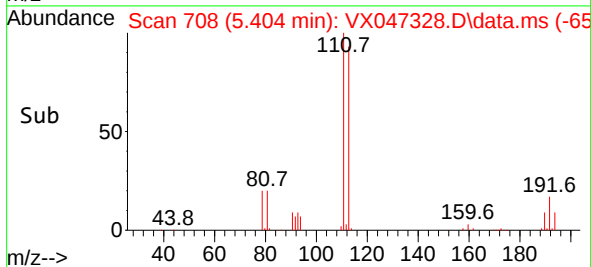
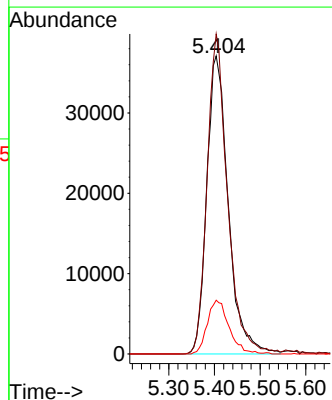
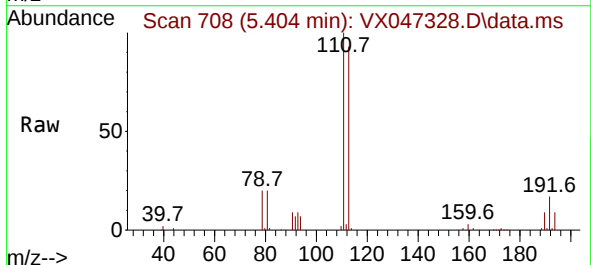
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-W

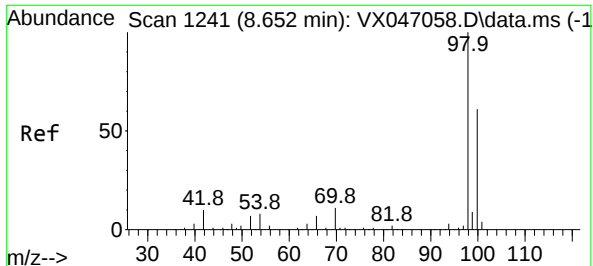
Tgt Ion:114 Resp: 387694
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 16.4 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.682 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.007 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

Tgt Ion:113 Resp: 121320
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 18.1 14.9 22.3

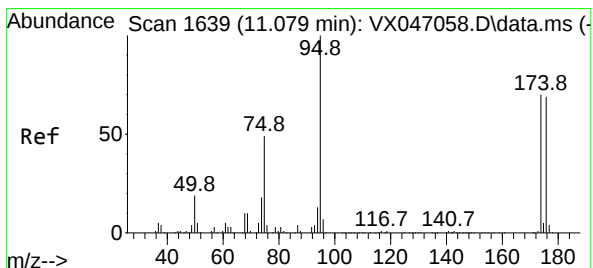
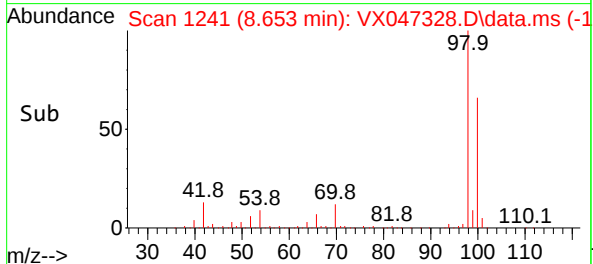
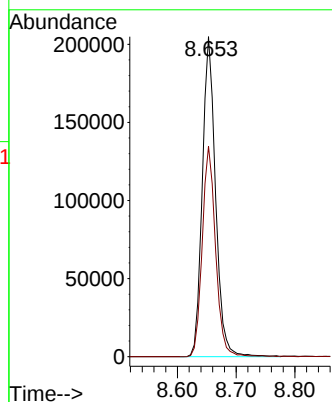
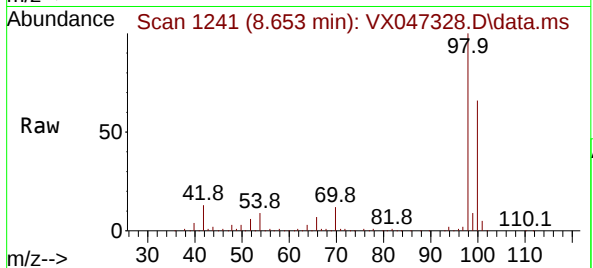




#50
Toluene-d8
Concen: 41.505 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

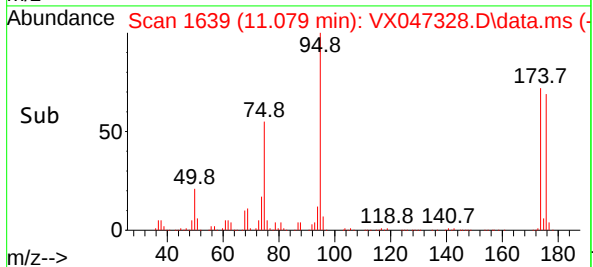
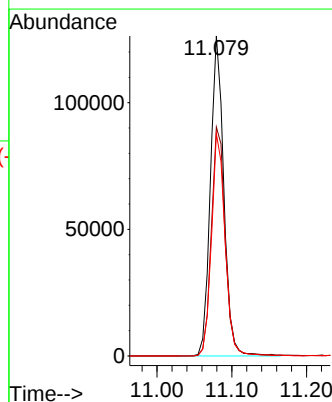
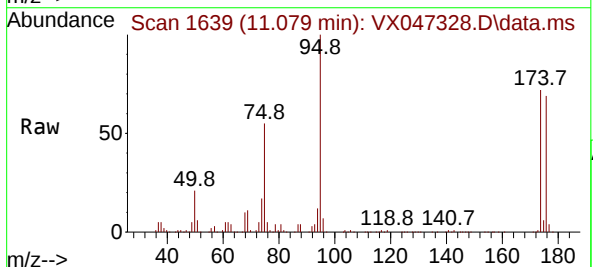
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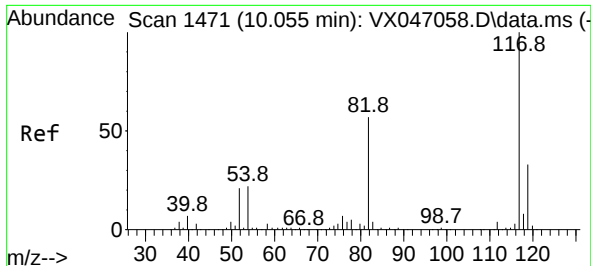
Tgt Ion: 98 Resp: 321749
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 46.948 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

Tgt Ion: 95 Resp: 156839
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.6
176 70.7 0.0 139.6

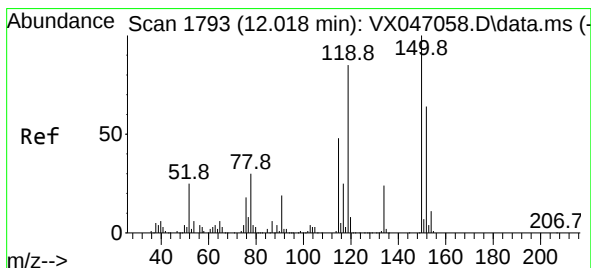
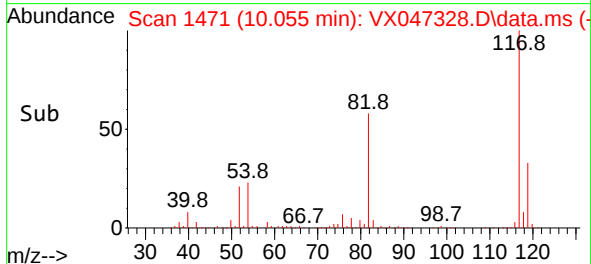
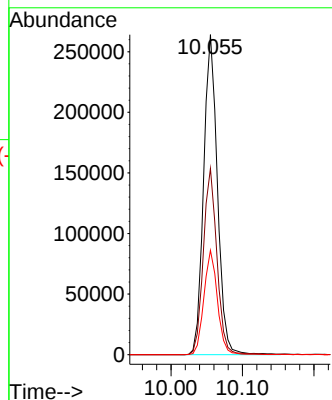
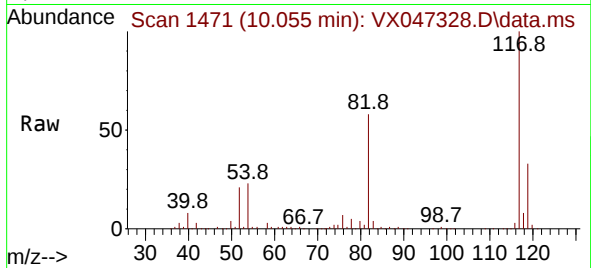




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
TW-10P-W

Tgt Ion:117 Resp: 354687
Ion Ratio Lower Upper
117 100
82 58.2 45.4 68.2
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047328.D
Acq: 13 Aug 2025 17:19

Tgt Ion:152 Resp: 182557
Ion Ratio Lower Upper
152 100
115 60.3 45.6 136.7
150 154.6 0.0 354.6

