

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047326.D
 Acq On : 13 Aug 2025 16:35
 Operator : JC/MD
 Sample : Q2815-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-E

Quant Time: Aug 14 03:31:26 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)

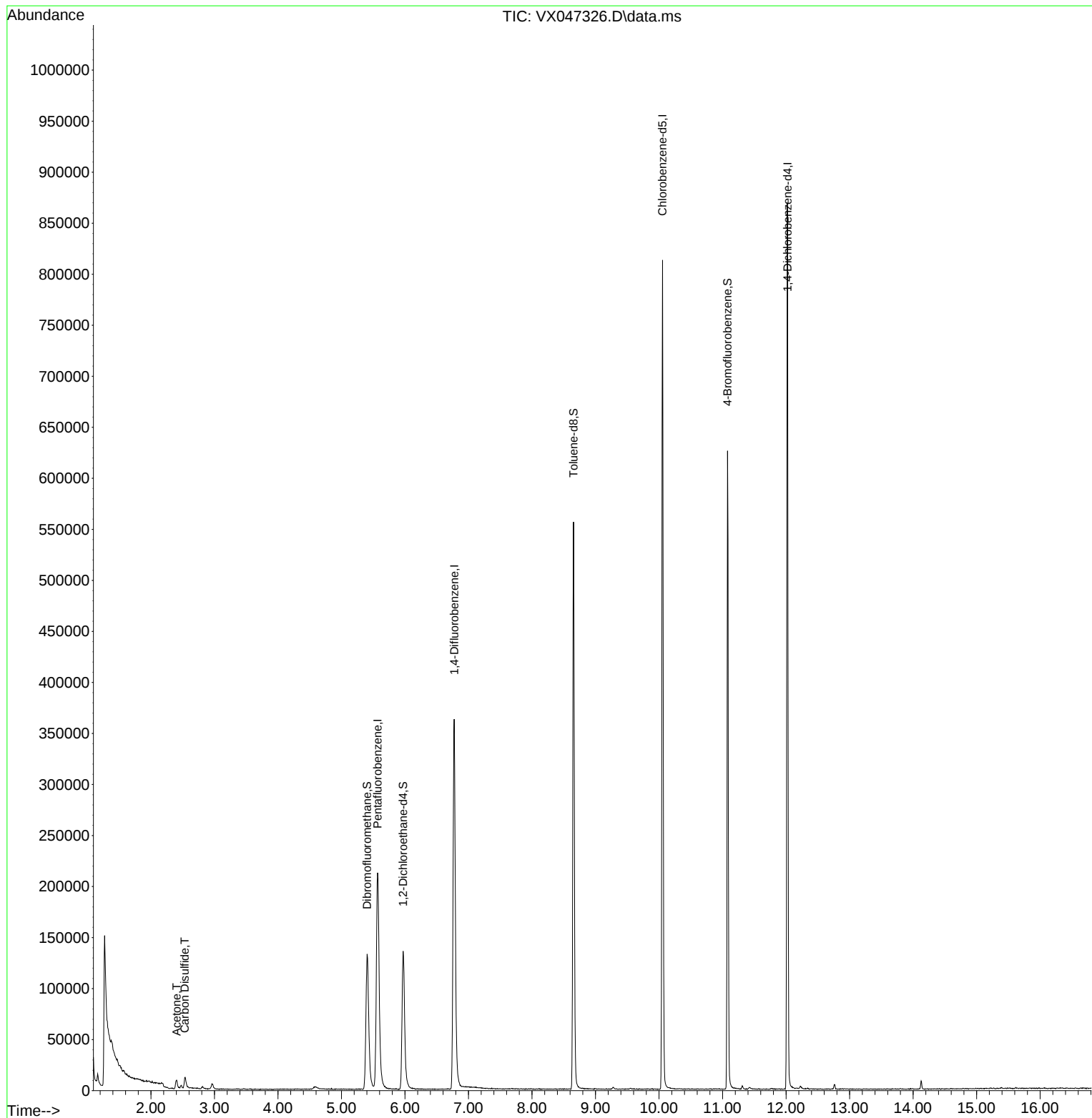
Internal Standards						
1) Pentafluorobenzene	5.568	168	213991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	387615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	145302	54.509	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.020%	
35) Dibromofluoromethane	5.403	113	125925	52.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.240%	
50) Toluene-d8	8.653	98	339153	43.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 87.520%#	
62) 4-Bromofluorobenzene	11.079	95	169362	50.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.420%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	12734	11.925	ug/l #	84
17) Carbon Disulfide	2.532	76	15898	2.043	ug/l	98

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

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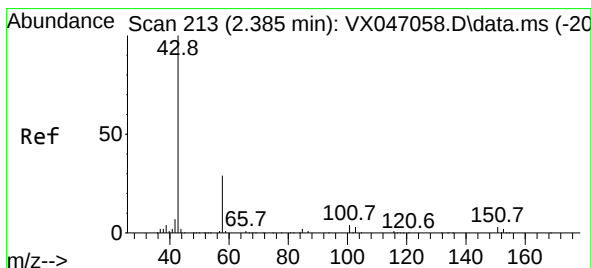
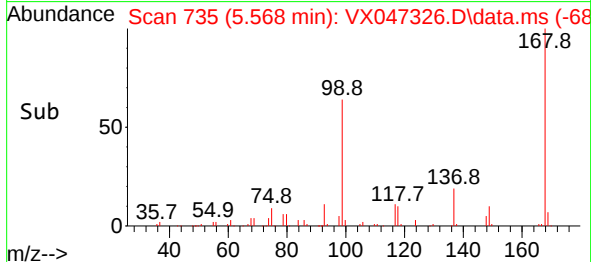
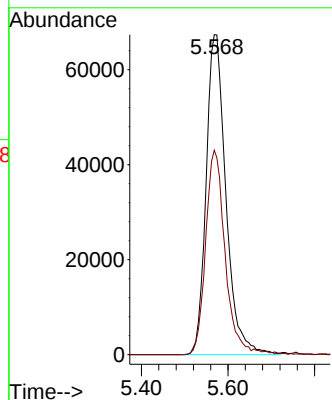
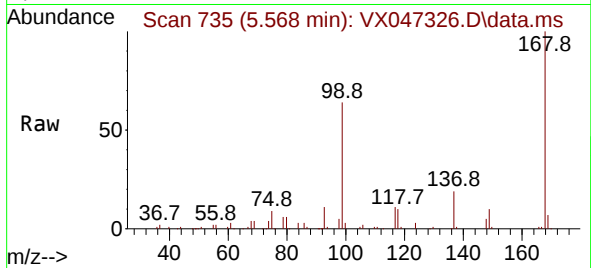




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047326.D
Acq: 13 Aug 2025 16:35

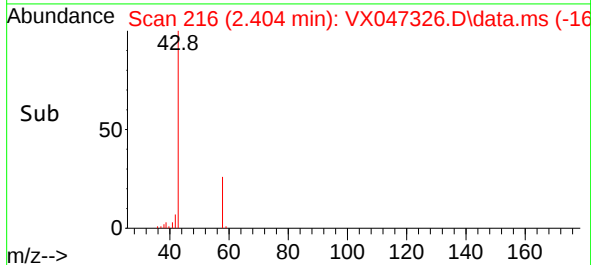
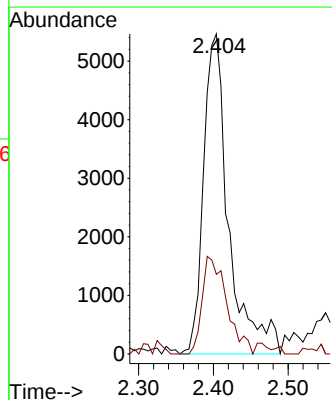
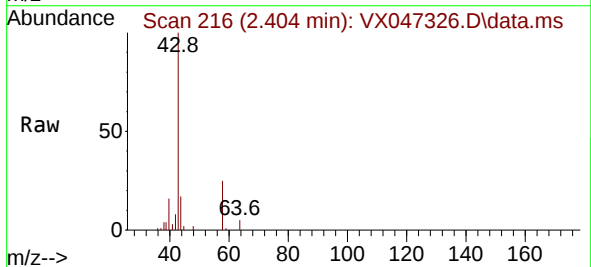
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

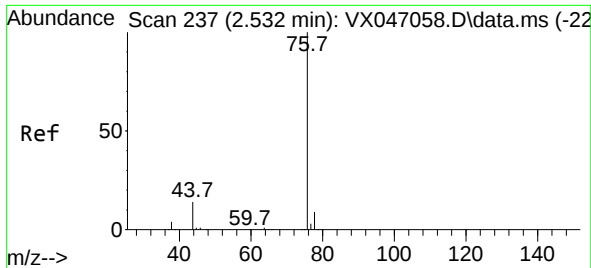
Tgt Ion:168 Resp: 213991
Ion Ratio Lower Upper
168 100
99 63.9 48.0 72.0



#16
Acetone
Concen: 11.925 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.019 min
Lab File: VX047326.D
Acq: 13 Aug 2025 16:35

Tgt Ion: 43 Resp: 12734
Ion Ratio Lower Upper
43 100
58 21.3 24.0 36.0#

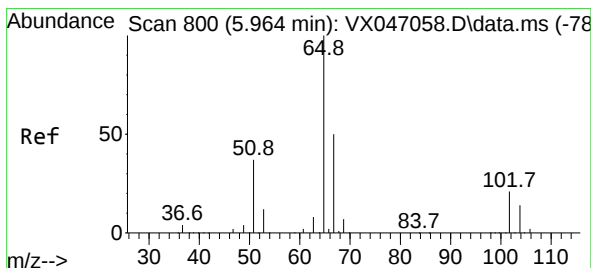
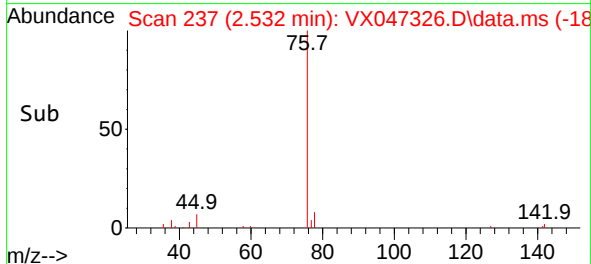
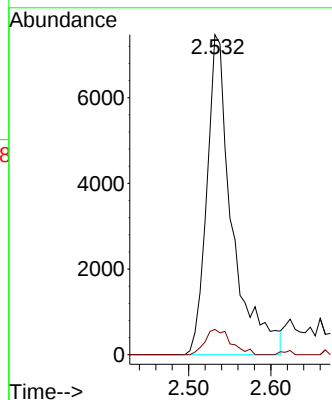
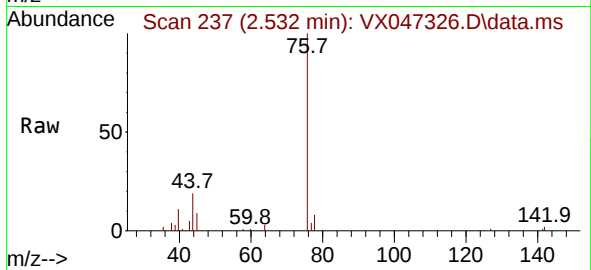




#17
Carbon Disulfide
Concen: 2.043 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047326.D
Acq: 13 Aug 2025 16:35

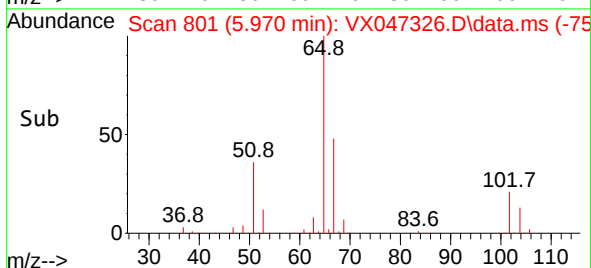
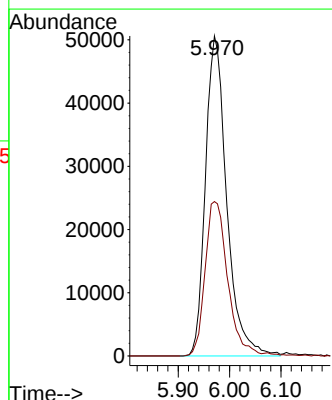
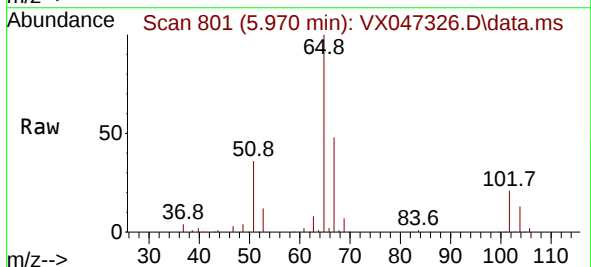
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

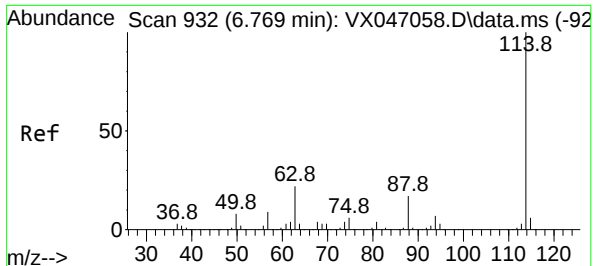
Tgt Ion: 76 Resp: 15898
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 54.509 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047326.D
Acq: 13 Aug 2025 16:35

Tgt Ion: 65 Resp: 145302
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

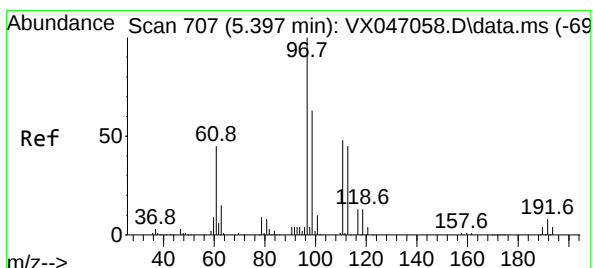
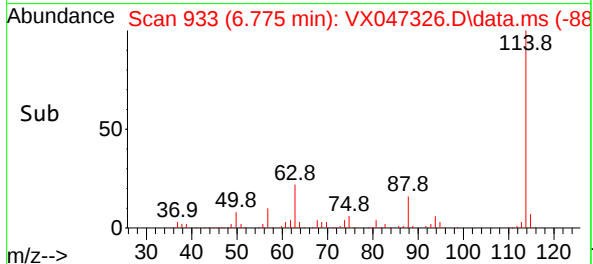
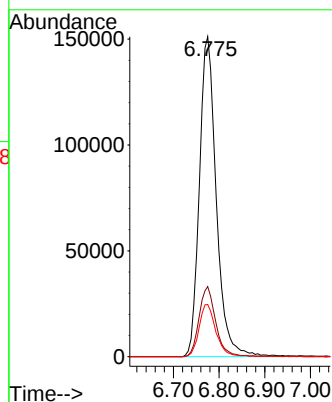
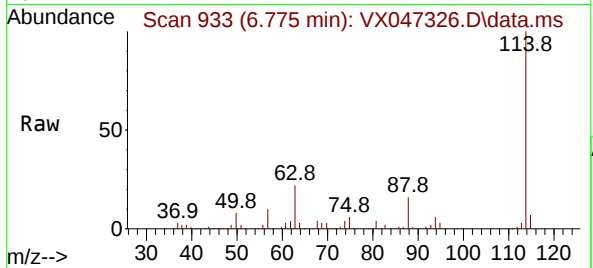




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047326.D
Acq: 13 Aug 2025 16:35

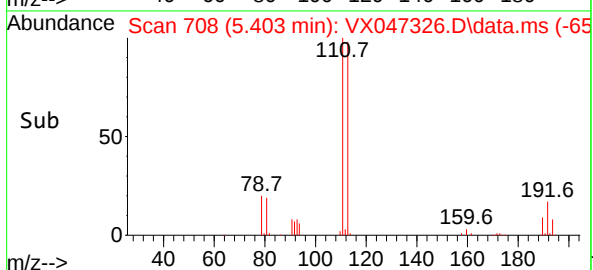
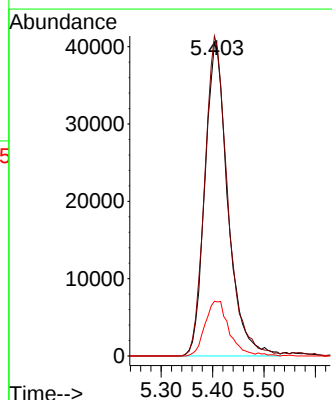
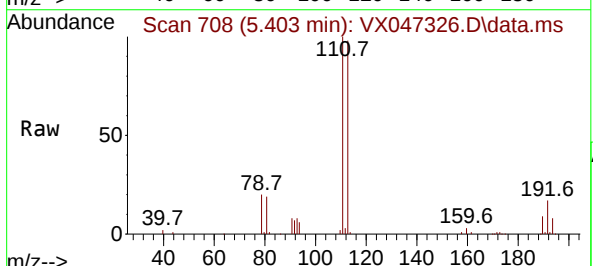
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

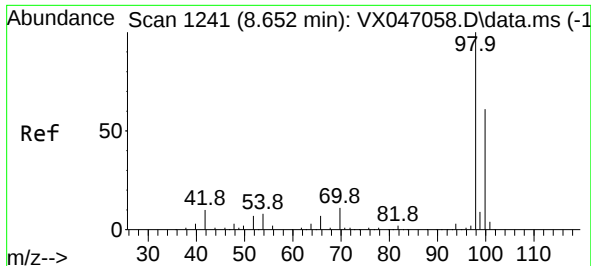
Tgt Ion:114 Resp: 387615
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 52.616 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047326.D
Acq: 13 Aug 2025 16:35

Tgt Ion:113 Resp: 125925
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.0 14.9 22.3

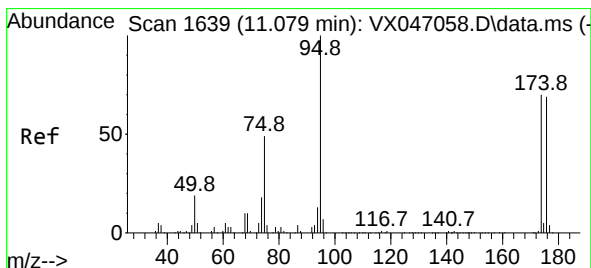
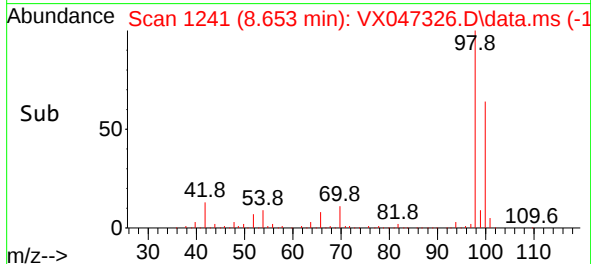
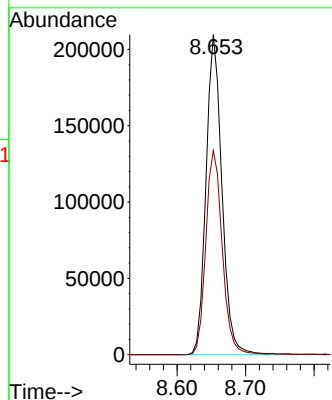
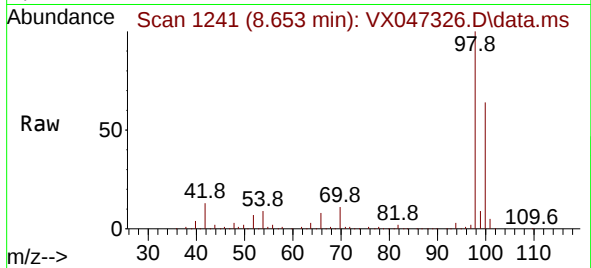




#50
Toluene-d8
Concen: 43.759 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047326.D
Acq: 13 Aug 2025 16:35

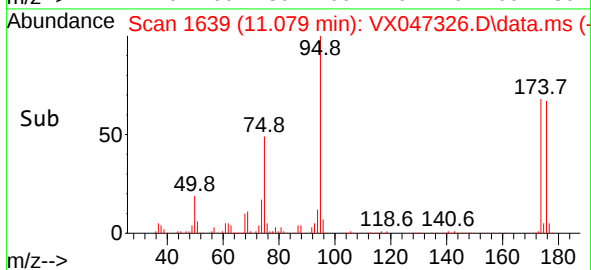
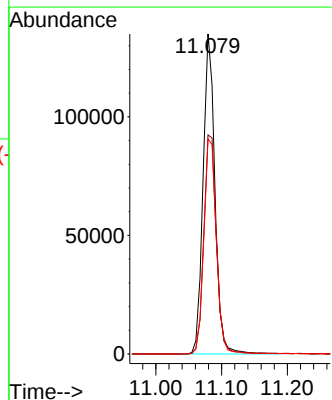
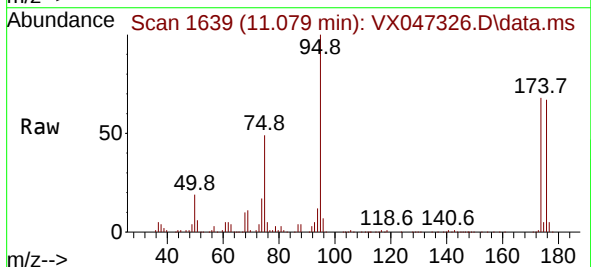
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ClientSampleId :
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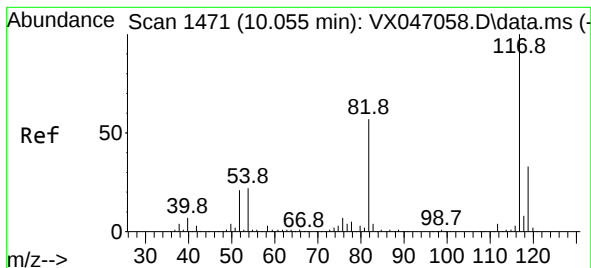
Tgt Ion: 98 Resp: 339153
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.706 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047326.D
Acq: 13 Aug 2025 16:35

Tgt Ion: 95 Resp: 169362
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 71.1 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: VX047326.D

Acq: 13 Aug 2025 16:35

Instrument :

MSVOA_X

ClientSampleId :

TW-10P-E

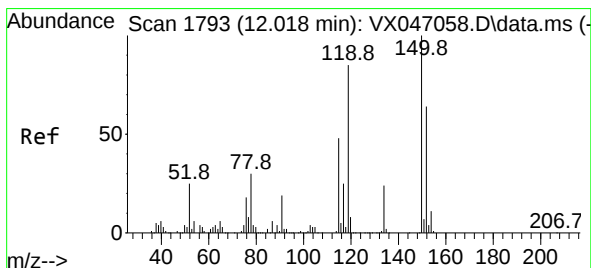
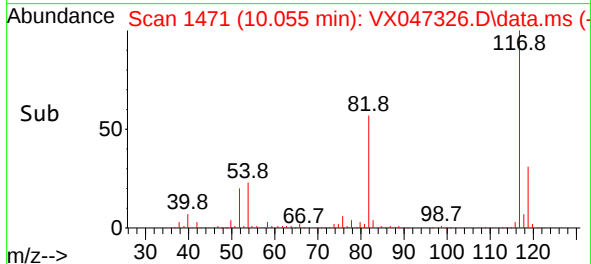
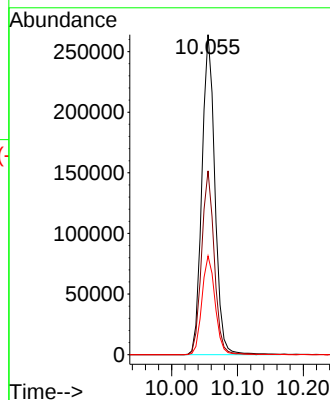
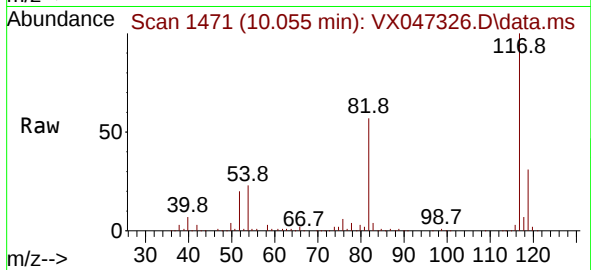
Tgt Ion:117 Resp: 361343

Ion Ratio Lower Upper

117 100

82 57.5 45.4 68.2

119 30.8 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX047326.D

Acq: 13 Aug 2025 16:35

Tgt Ion:152 Resp: 183144

Ion Ratio Lower Upper

152 100

115 62.3 45.6 136.7

150 158.4 0.0 354.6

