

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047344.D
 Acq On : 14 Aug 2025 17:05
 Operator : JC/MD
 Sample : Q2814-18RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-NRE

Quant Time: Aug 18 01:31:17 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)

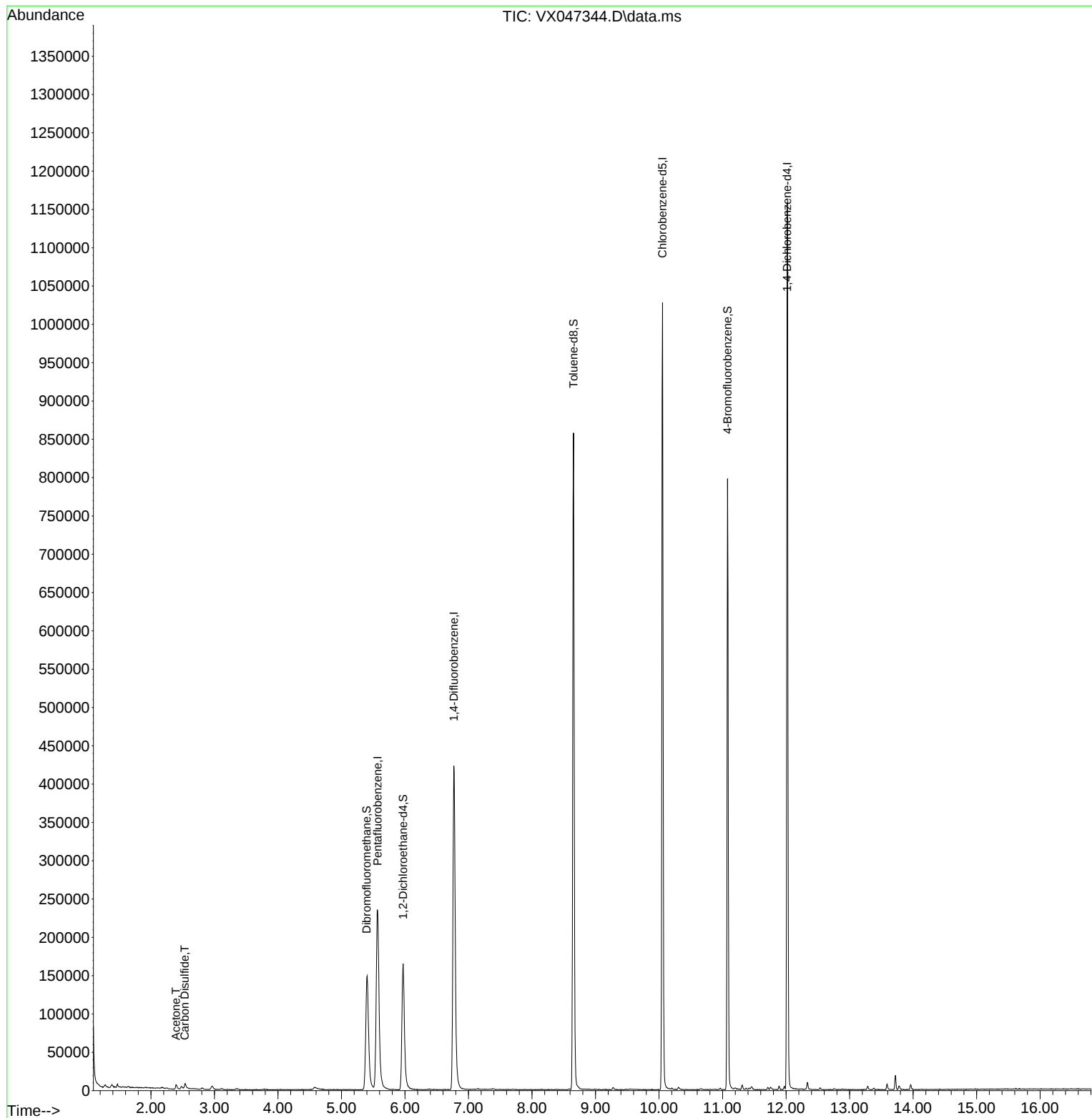
Internal Standards						
1) Pentafluorobenzene	5.568	168	238899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	455924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	229471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	173521	58.308	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.620%
35) Dibromofluoromethane	5.397	113	140972	50.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.160%
50) Toluene-d8	8.653	98	515123	56.505	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.020%#
62) 4-Bromofluorobenzene	11.079	95	214862	54.691	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.380%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	8602	7.215	ug/l	99
17) Carbon Disulfide	2.532	76	4367	0.503	ug/l	99

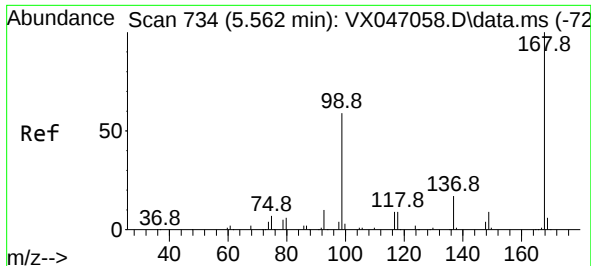
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

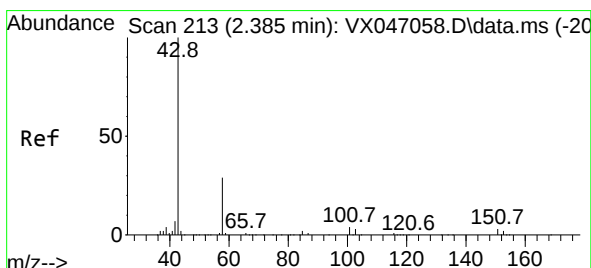
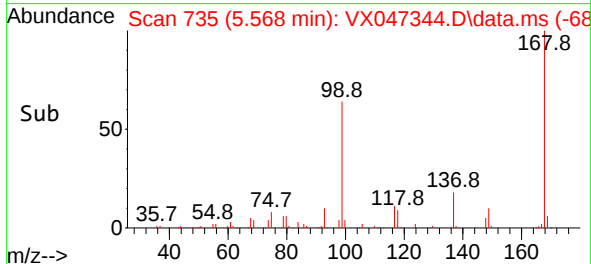
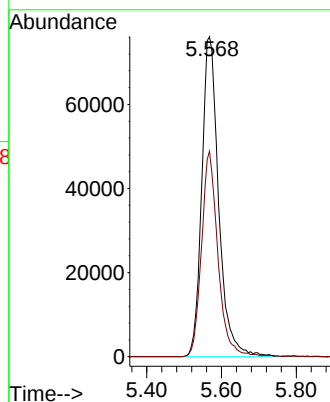
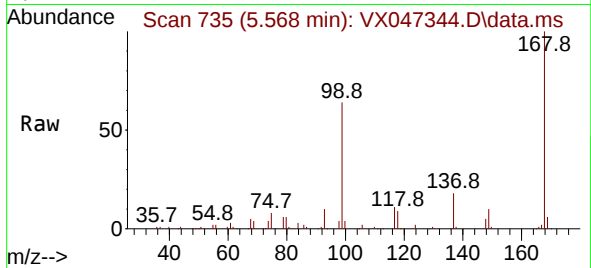




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047344.D
Acq: 14 Aug 2025 17:05

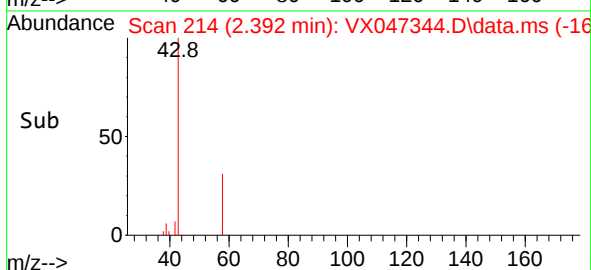
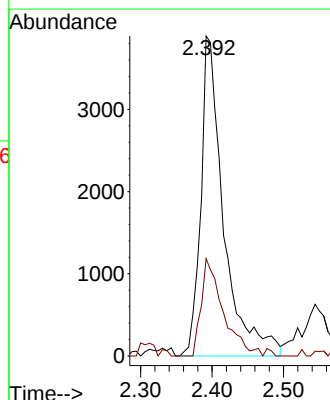
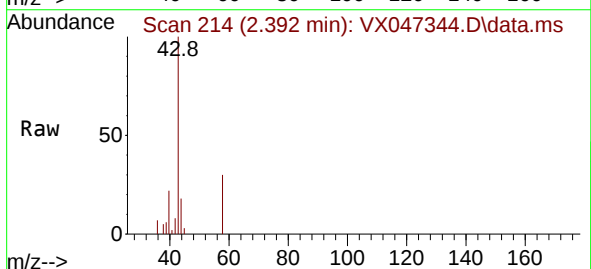
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-NRE

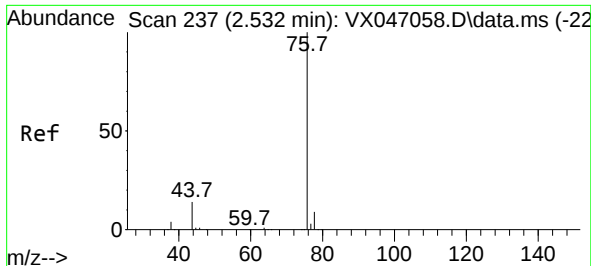
Tgt Ion:168 Resp: 238899
Ion Ratio Lower Upper
168 100
99 64.2 48.0 72.0



#16
Acetone
Concen: 7.215 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047344.D
Acq: 14 Aug 2025 17:05

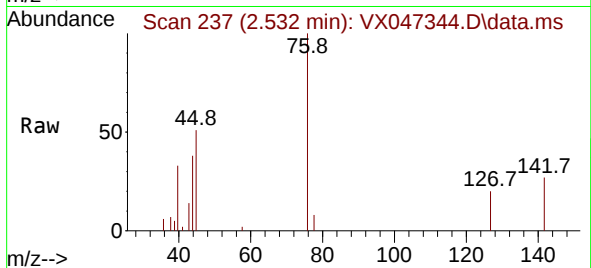
Tgt Ion: 43 Resp: 8602
Ion Ratio Lower Upper
43 100
58 30.4 24.0 36.0



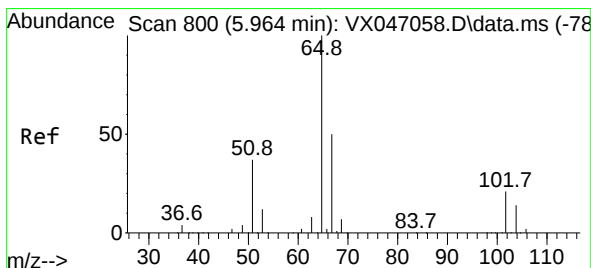
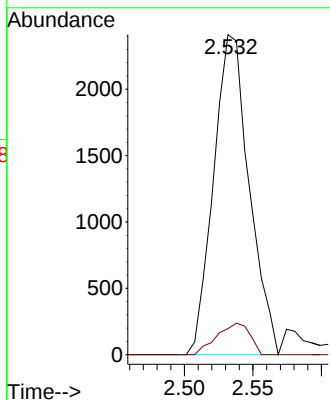
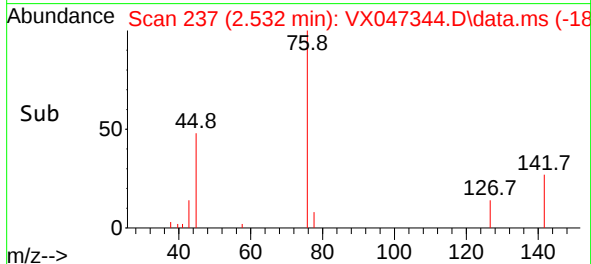


#17
Carbon Disulfide
Concen: 0.503 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047344.D
Acq: 14 Aug 2025 17:05

Instrument :
MSVOA_X
ClientSampleId :
TW-518R-NRE

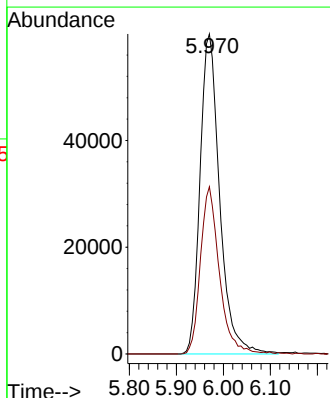
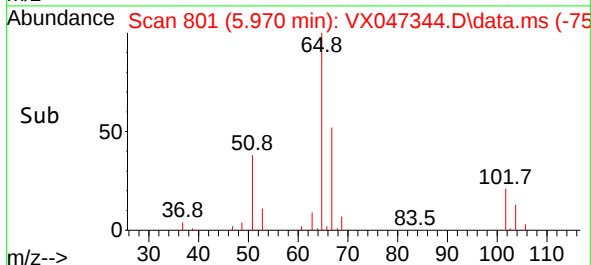
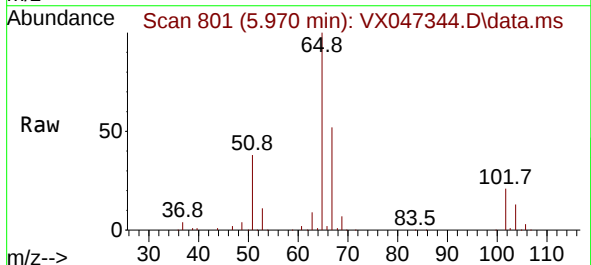


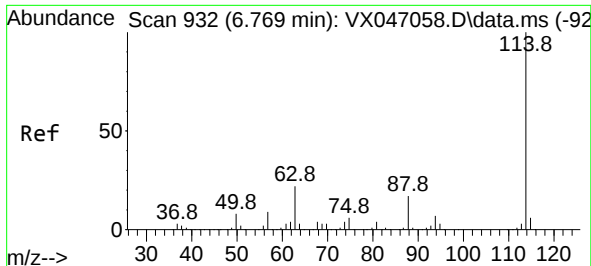
Tgt Ion: 76 Resp: 4367
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 58.308 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047344.D
Acq: 14 Aug 2025 17:05

Tgt Ion: 65 Resp: 173521
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.8

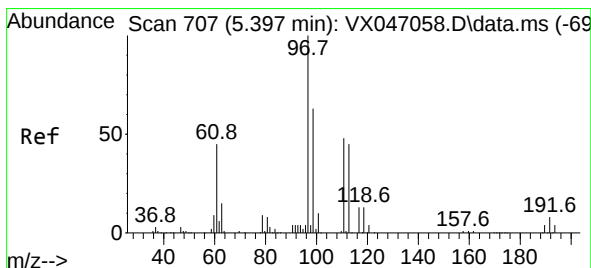
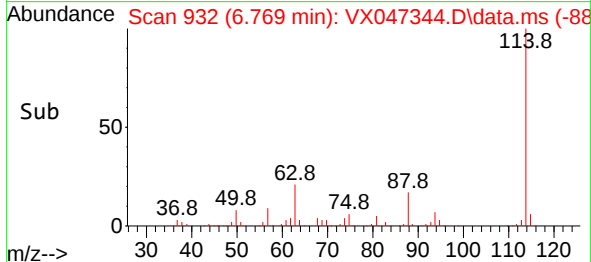
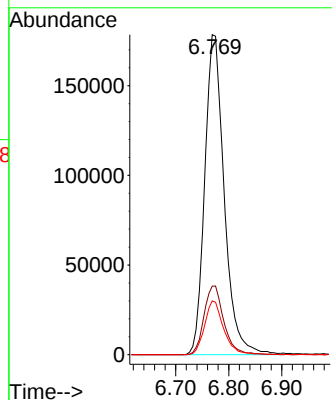
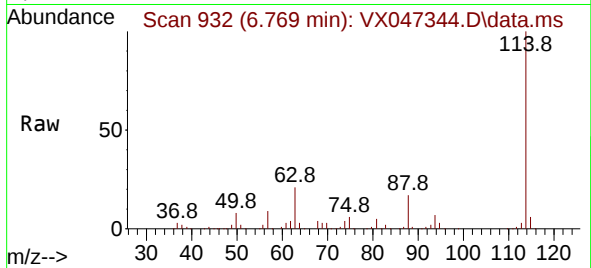




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047344.D
Acq: 14 Aug 2025 17:05

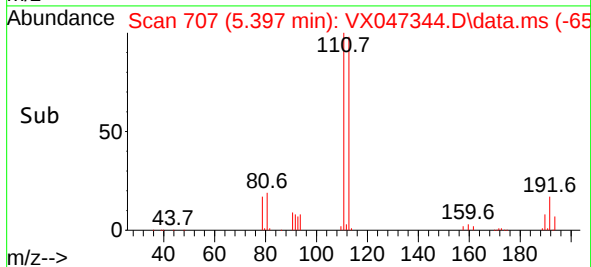
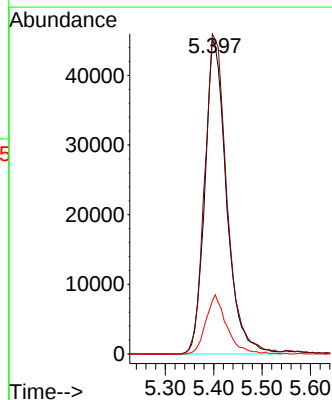
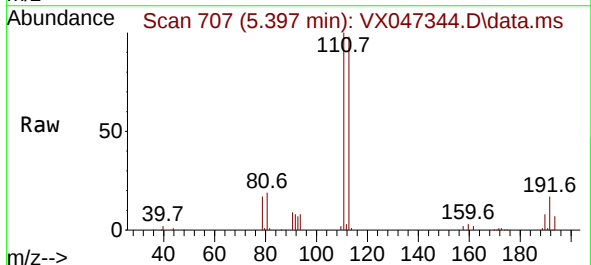
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-NRE

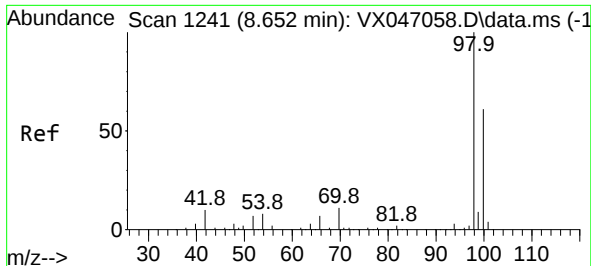
Tgt Ion:114 Resp: 455924
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.078 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047344.D
Acq: 14 Aug 2025 17:05

Tgt Ion:113 Resp: 140972
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 17.9 14.9 22.3

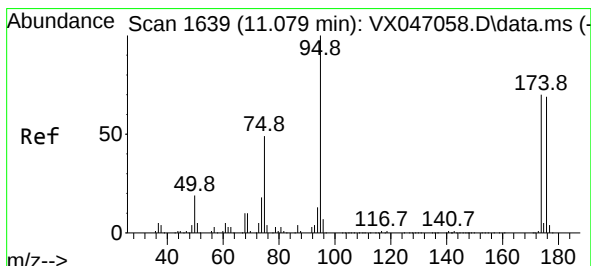
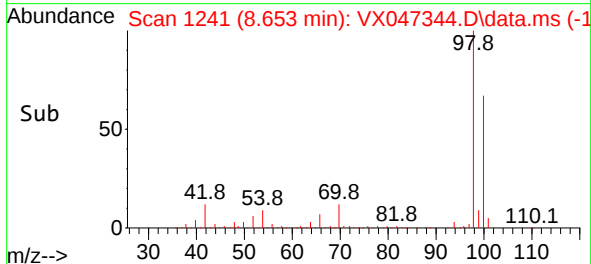
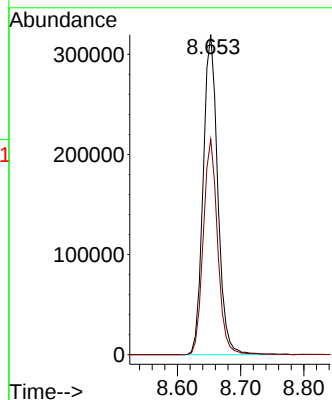
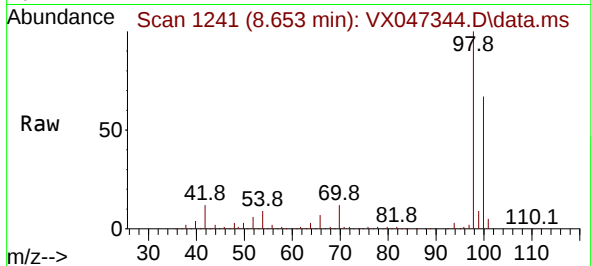




#50
Toluene-d8
Concen: 56.505 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047344.D
Acq: 14 Aug 2025 17:05

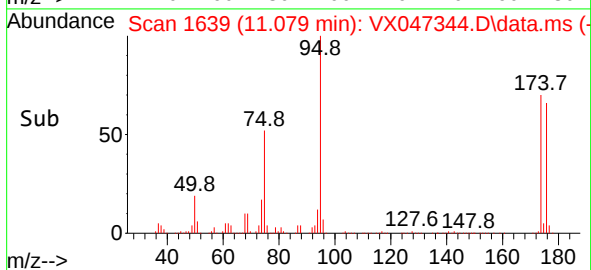
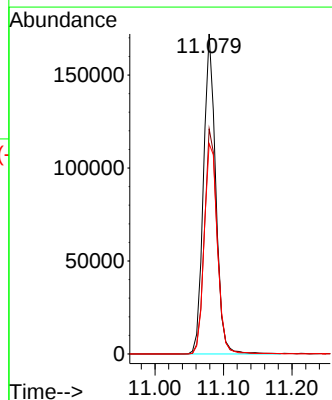
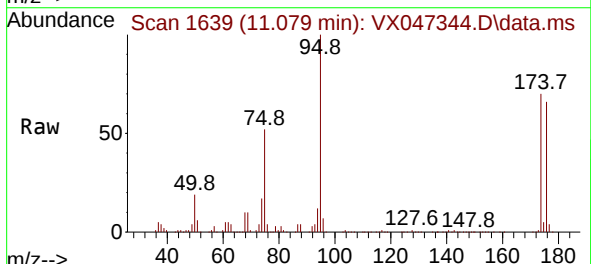
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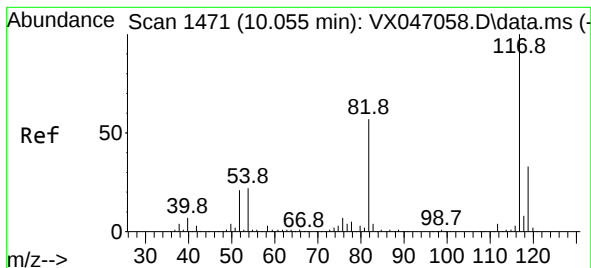
Tgt Ion: 98 Resp: 515123
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 54.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047344.D
Acq: 14 Aug 2025 17:05

Tgt Ion: 95 Resp: 214862
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 70.5 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: VX047344.D

Acq: 14 Aug 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

TW-518R-NRE

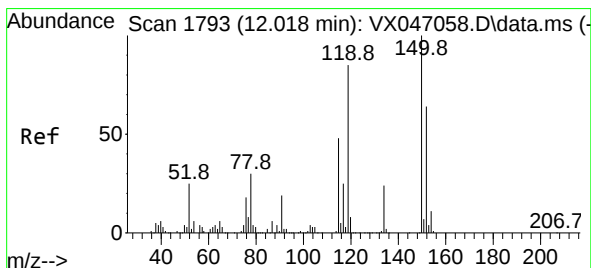
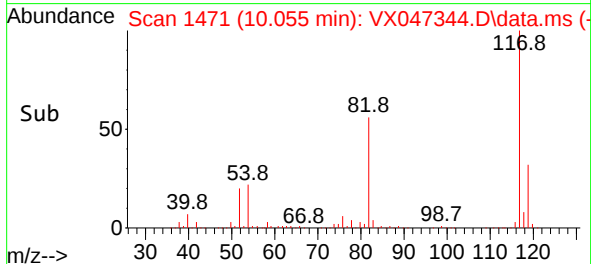
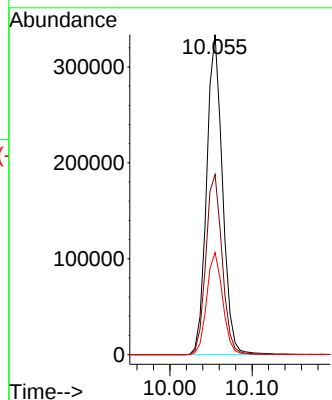
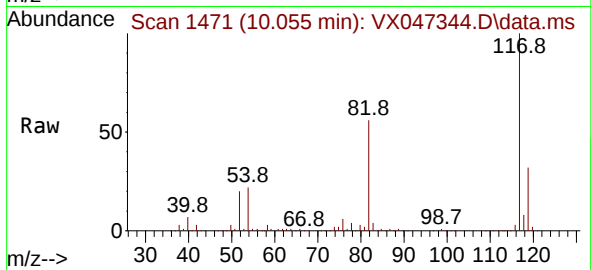
Tgt Ion:117 Resp: 448067

Ion Ratio Lower Upper

117 100

82 56.3 45.4 68.2

119 31.9 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: VX047344.D

Acq: 14 Aug 2025 17:05

Tgt Ion:152 Resp: 229471

Ion Ratio Lower Upper

152 100

115 61.9 45.6 136.7

150 157.3 0.0 354.6

