

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047345.D
 Acq On : 14 Aug 2025 17:26
 Operator : JC/MD
 Sample : Q2814-19RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-ERE

Quant Time: Aug 18 01:31:39 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)

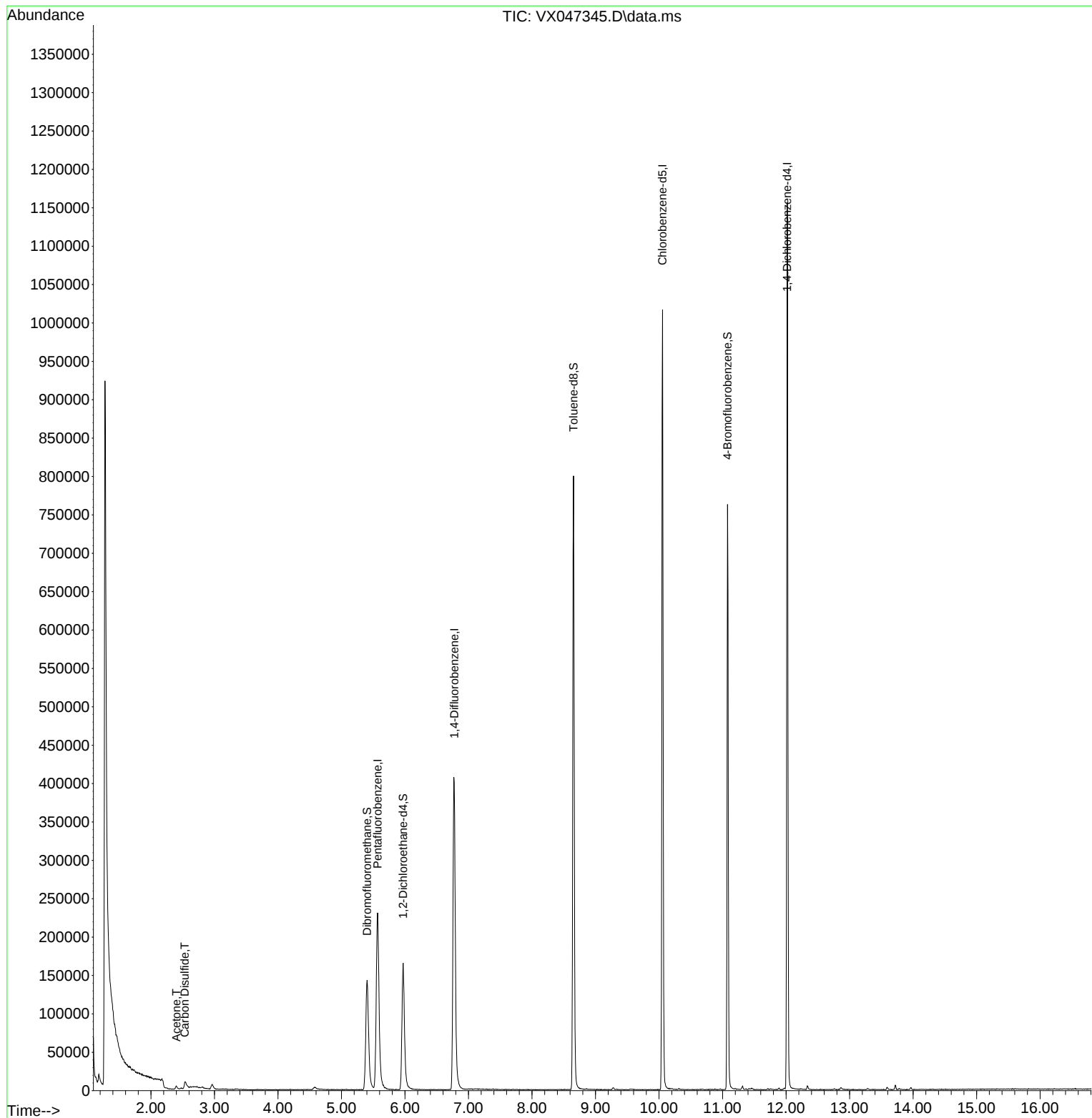
Internal Standards						
1) Pentafluorobenzene	5.568	168	230467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	443658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	231965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	170697	59.458	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 118.920%#		
35) Dibromofluoromethane	5.403	113	135809	49.578	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.160%		
50) Toluene-d8	8.653	98	481532	54.281	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 108.560%		
62) 4-Bromofluorobenzene	11.079	95	207062	54.163	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.320%		
Target Compounds						
						Qvalue
16) Acetone	2.398	43	5950	5.174	ug/l #	87
17) Carbon Disulfide	2.532	76	16077	1.919	ug/l #	91

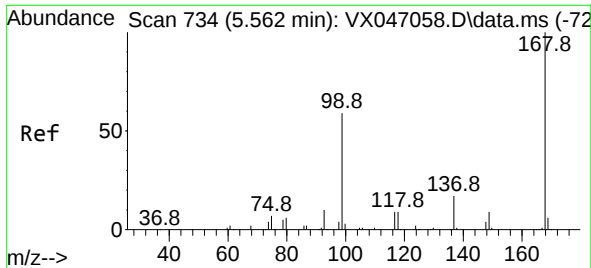
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
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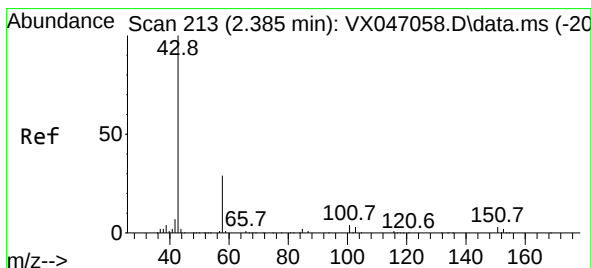
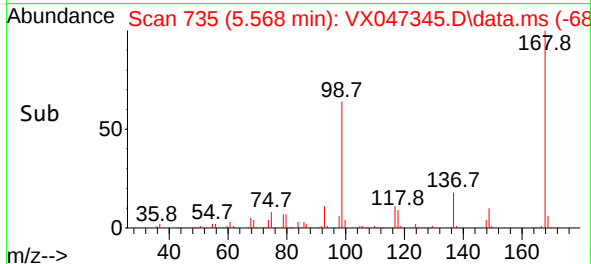
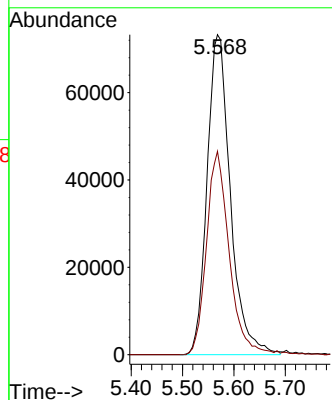
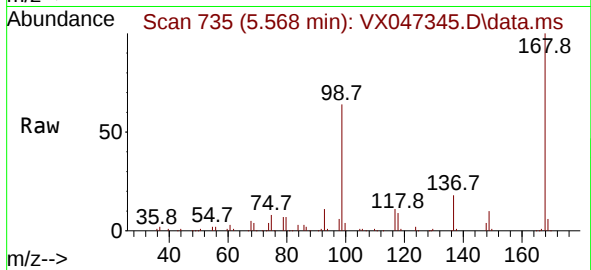




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047345.D
Acq: 14 Aug 2025 17:26

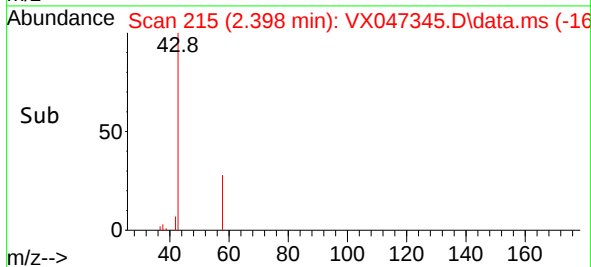
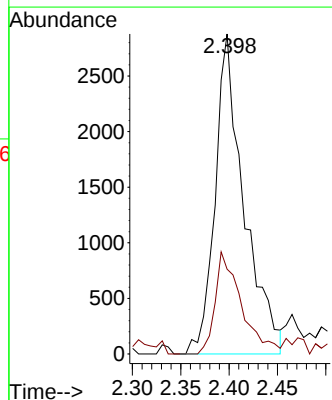
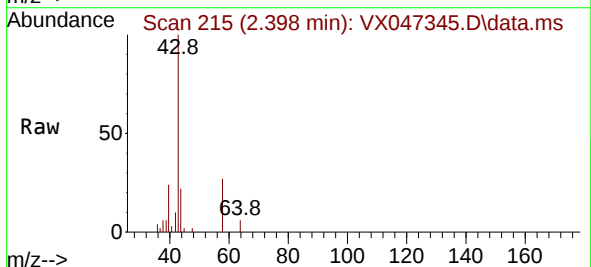
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-ERE

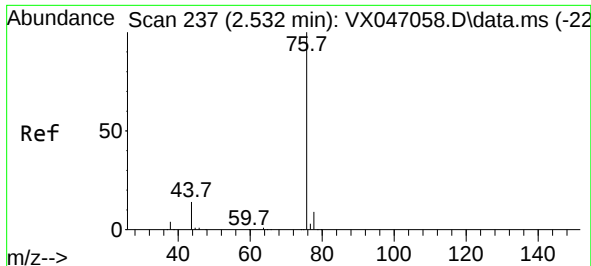
Tgt Ion:168 Resp: 230467
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0



#16
Acetone
Concen: 5.174 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047345.D
Acq: 14 Aug 2025 17:26

Tgt Ion: 43 Resp: 5950
Ion Ratio Lower Upper
43 100
58 23.1 24.0 36.0#





#17

Carbon Disulfide

Concen: 1.919 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047345.D

Acq: 14 Aug 2025 17:26

Instrument :

MSVOA_X

ClientSampleId :

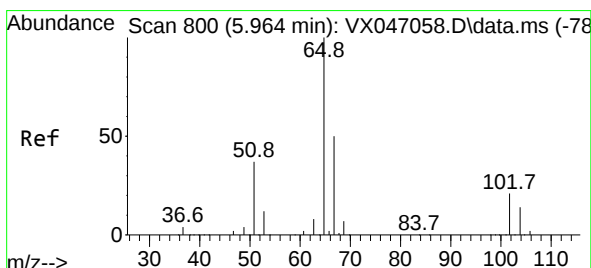
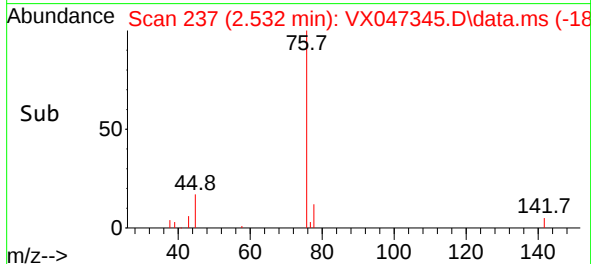
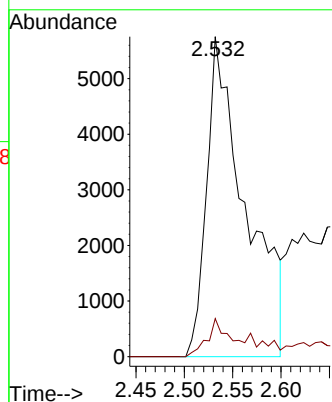
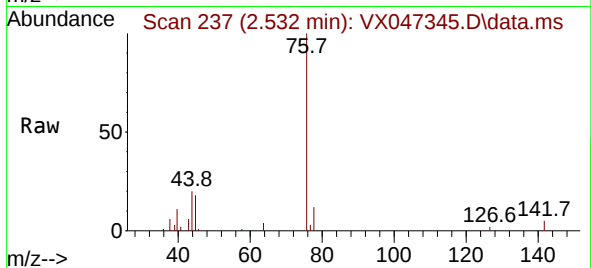
TW-518R-ERE

Tgt Ion: 76 Resp: 16077

Ion Ratio Lower Upper

76 100

78 11.9 7.0 10.4#



#33

1,2-Dichloroethane-d4

Concen: 59.458 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047345.D

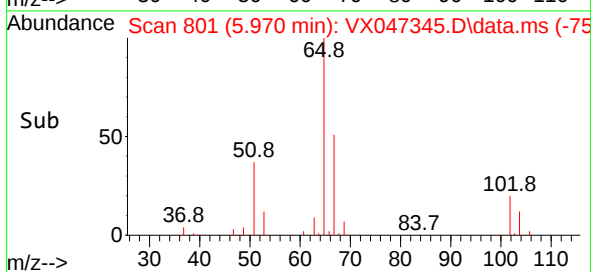
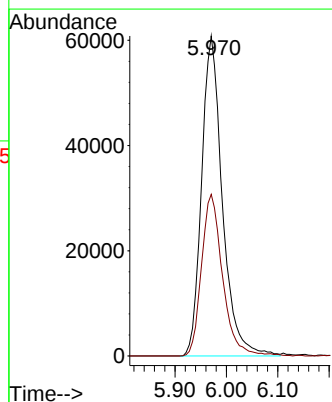
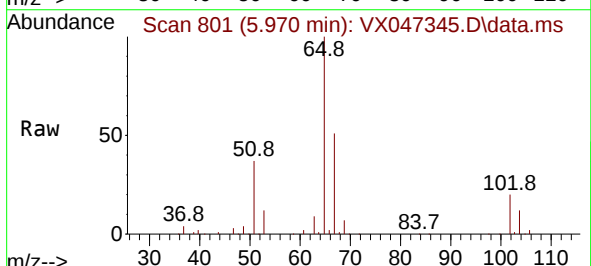
Acq: 14 Aug 2025 17:26

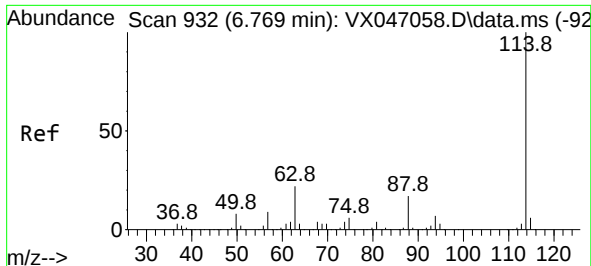
Tgt Ion: 65 Resp: 170697

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8

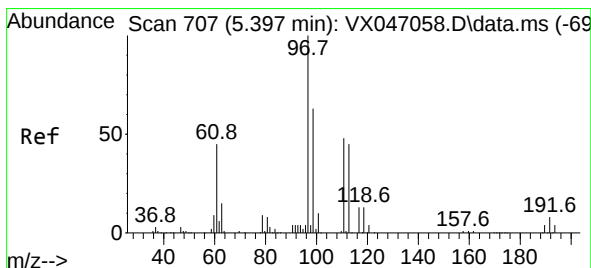
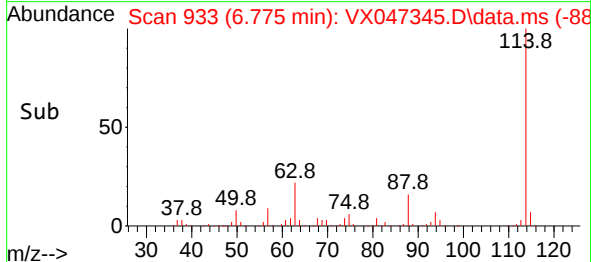
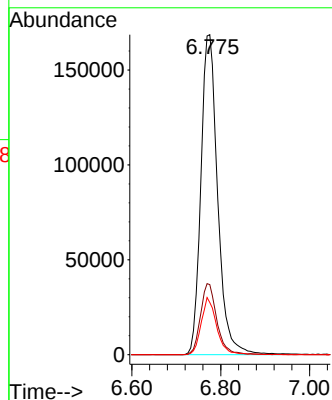
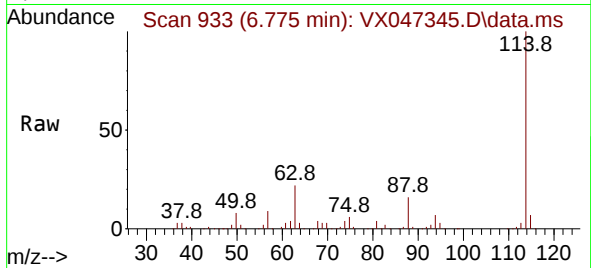




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX047345.D
Acq: 14 Aug 2025 17:26

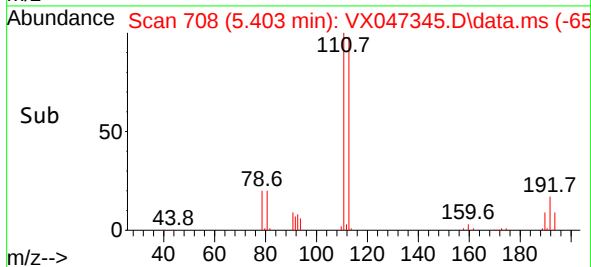
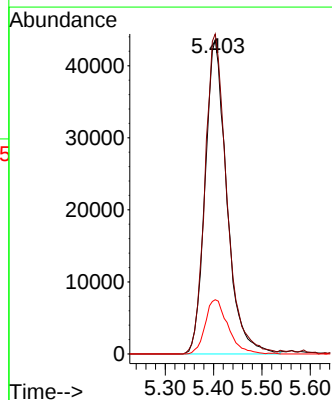
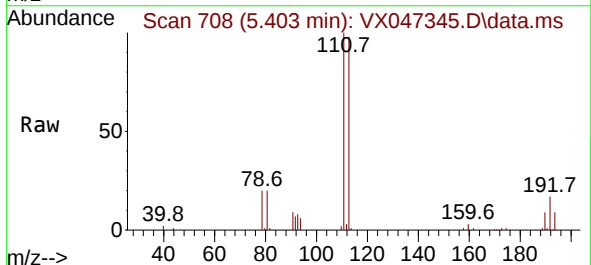
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-ERE

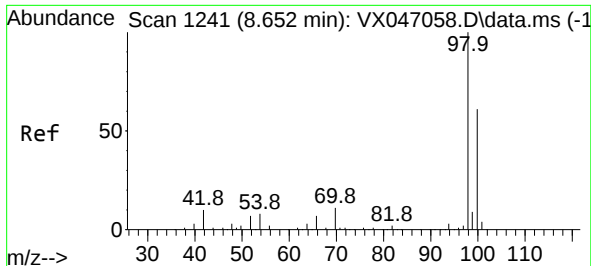
Tgt Ion:114 Resp: 443658
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.578 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047345.D
Acq: 14 Aug 2025 17:26

Tgt Ion:113 Resp: 135809
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.2 14.9 22.3

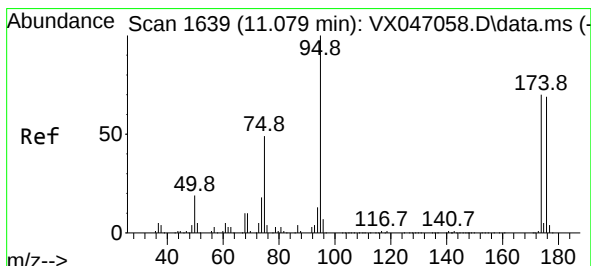
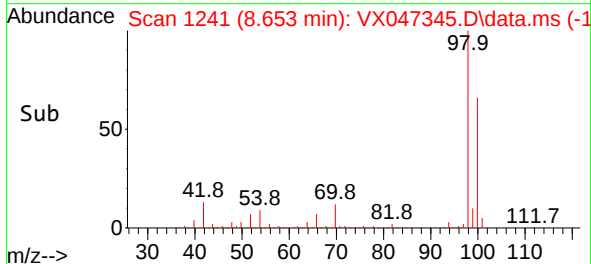
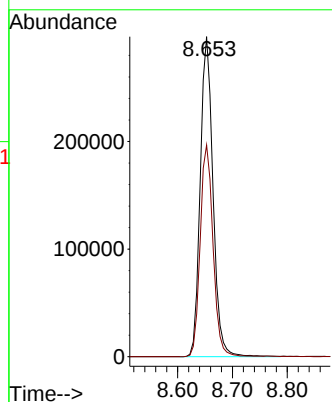
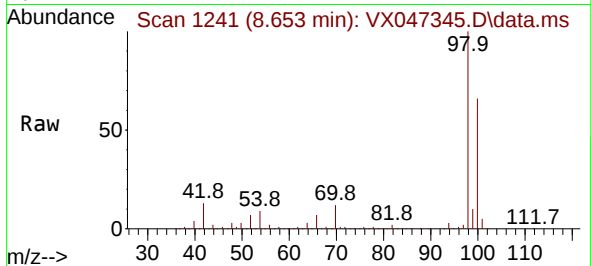




#50
Toluene-d8
Concen: 54.281 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047345.D
Acq: 14 Aug 2025 17:26

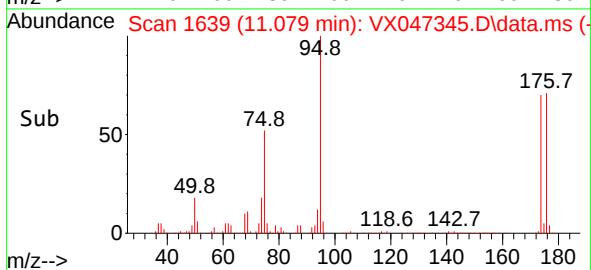
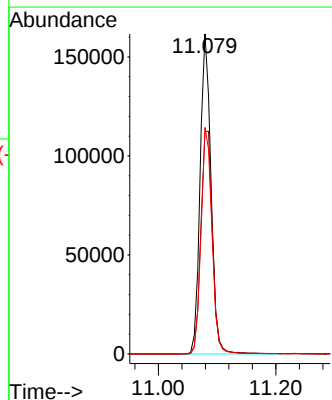
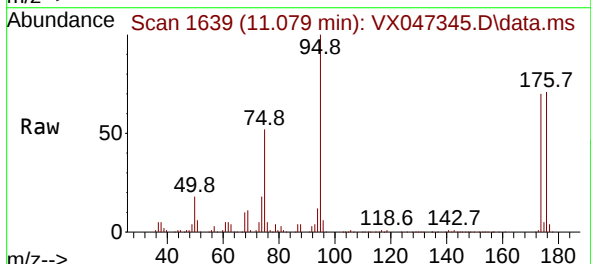
Instrument :
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ClientSampleId :
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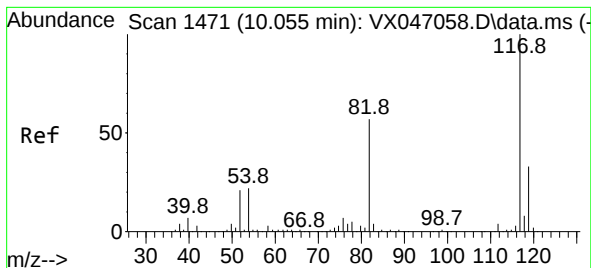
Tgt Ion: 98 Resp: 481532
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 54.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047345.D
Acq: 14 Aug 2025 17:26

Tgt Ion: 95 Resp: 207062
Ion Ratio Lower Upper
95 100
174 74.6 0.0 144.6
176 71.2 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: VX047345.D

Acq: 14 Aug 2025 17:26

Instrument :

MSVOA_X

ClientSampleId :

TW-518R-ERE

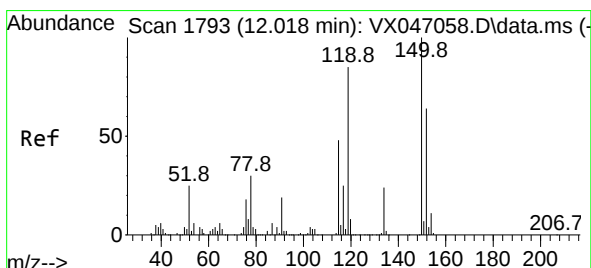
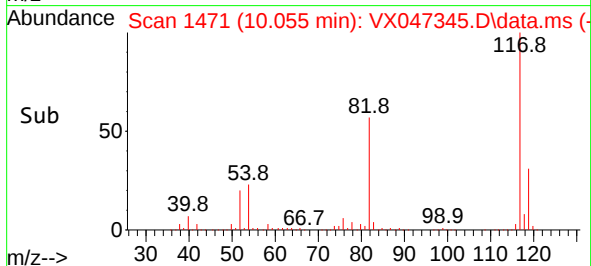
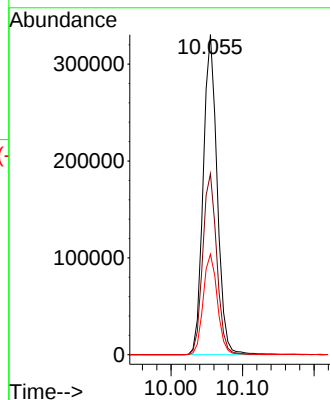
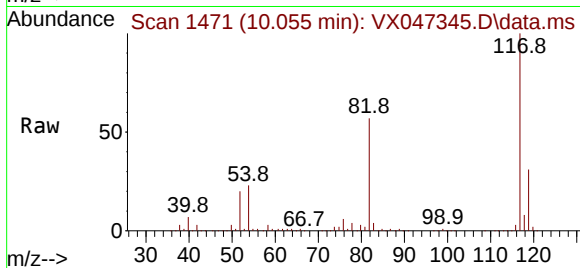
Tgt Ion:117 Resp: 448334

Ion Ratio Lower Upper

117 100

82 56.5 45.4 68.2

119 31.4 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: VX047345.D

Acq: 14 Aug 2025 17:26

Tgt Ion:152 Resp: 231965

Ion Ratio Lower Upper

152 100

115 61.6 45.6 136.7

150 155.5 0.0 354.6

