

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047321.D
 Acq On : 13 Aug 2025 14:45
 Operator : JC/MD
 Sample : Q2814-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-E

Quant Time: Aug 14 03:29:34 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)

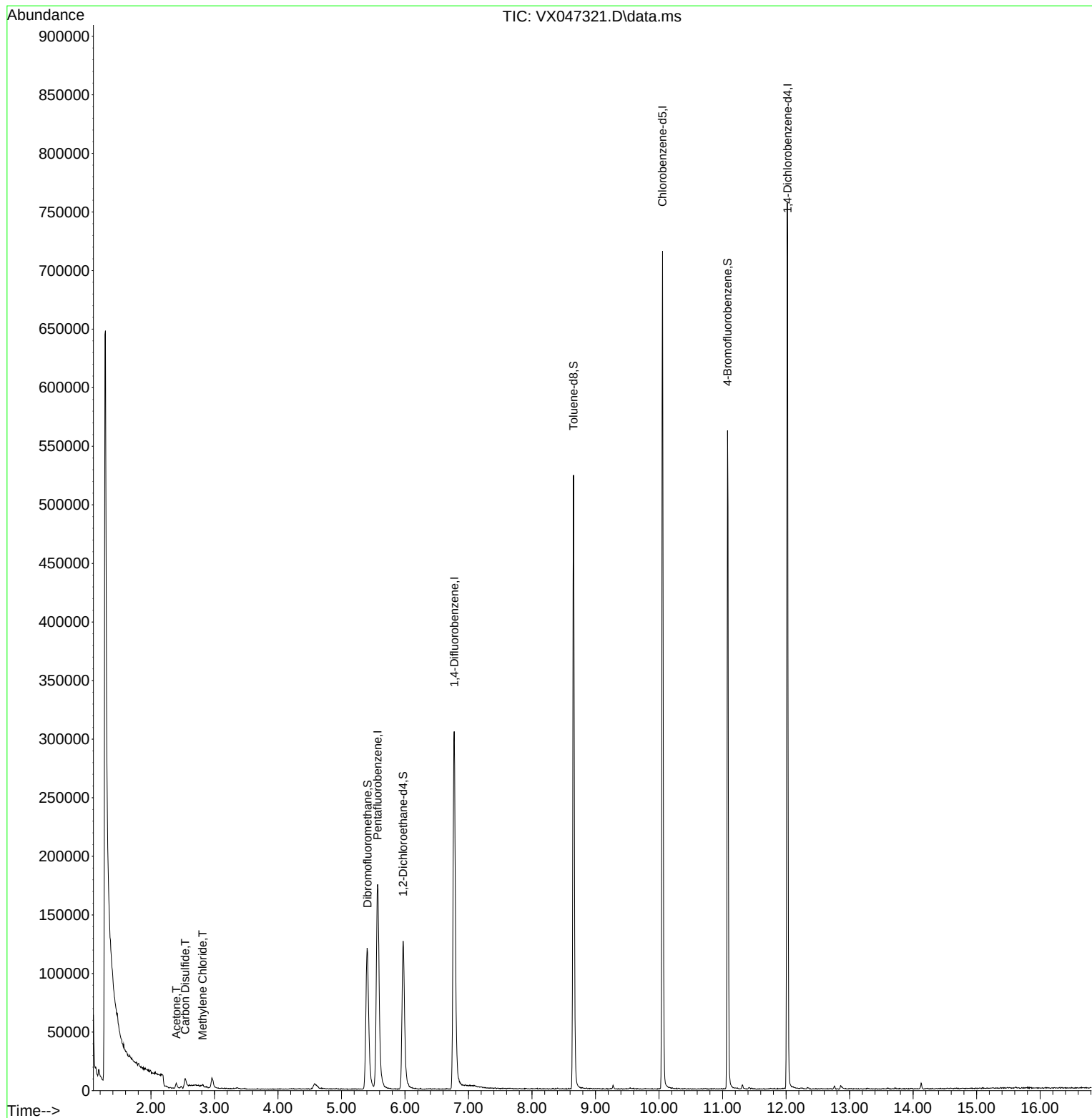
Internal Standards						
1) Pentafluorobenzene	5.568	168	178377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	334539	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	136127	61.263	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 122.520%#	
35) Dibromofluoromethane	5.409	113	115028	55.689	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.380%	
50) Toluene-d8	8.653	98	305174	45.622	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.240%#	
62) 4-Bromofluorobenzene	11.079	95	153657	53.303	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.600%	
Target Compounds						Qvalue
16) Acetone	2.398	43	5723	6.429	ug/l	99
17) Carbon Disulfide	2.538	76	11132	1.717	ug/l	95
20) Methylene Chloride	2.812	84	1044	0.426	ug/l	91

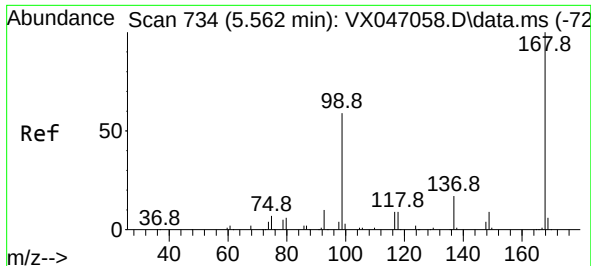
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 03:29:34 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

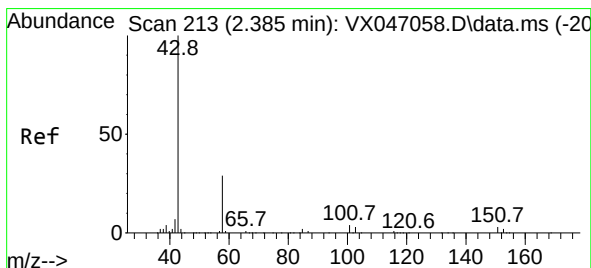
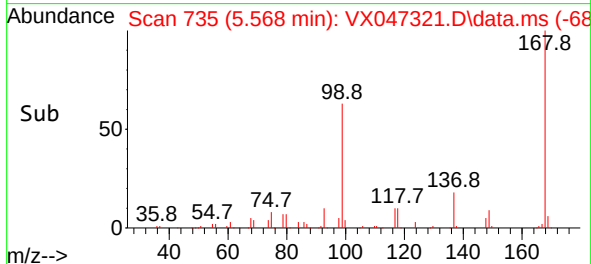
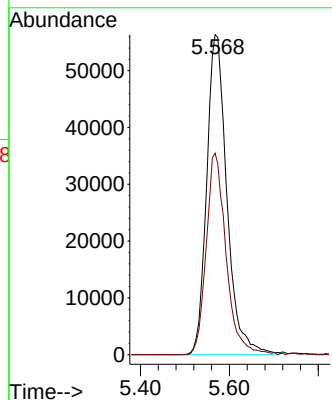
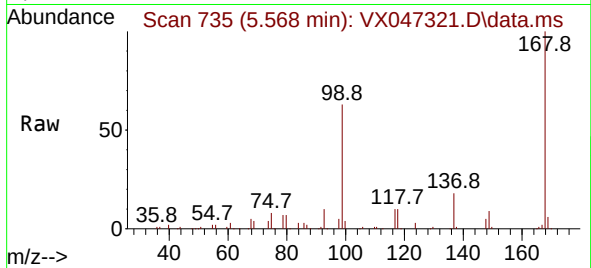




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047321.D
Acq: 13 Aug 2025 14:45

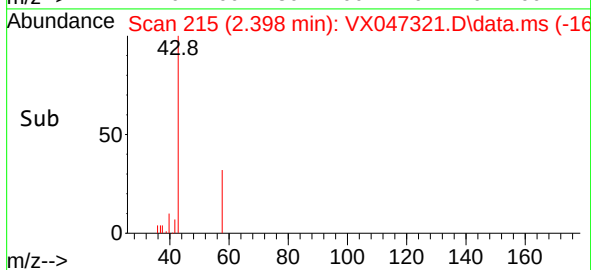
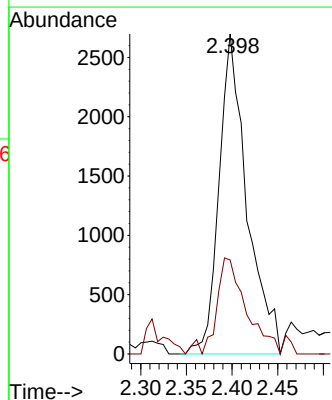
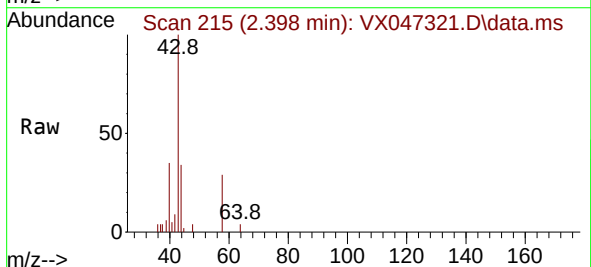
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-E

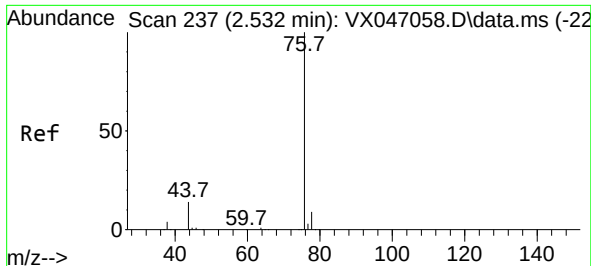
Tgt Ion:168 Resp: 178377
Ion Ratio Lower Upper
168 100
99 62.9 48.0 72.0



#16
Acetone
Concen: 6.429 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047321.D
Acq: 13 Aug 2025 14:45

Tgt Ion: 43 Resp: 5723
Ion Ratio Lower Upper
43 100
58 29.4 24.0 36.0

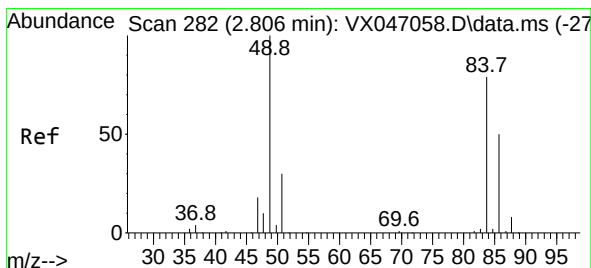
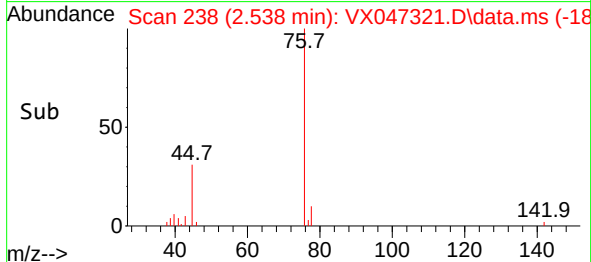
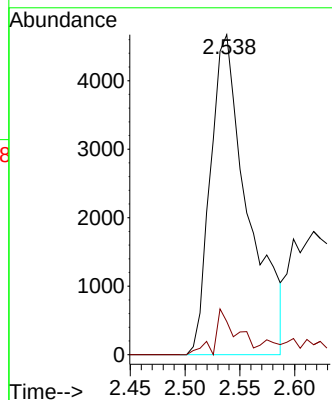
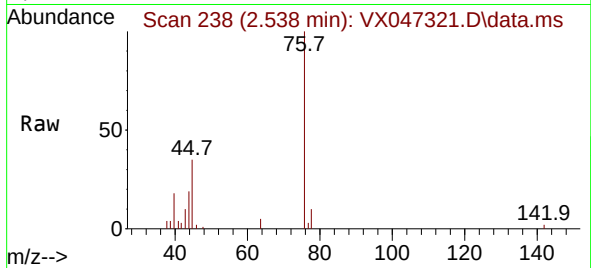




#17
Carbon Disulfide
Concen: 1.717 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047321.D
Acq: 13 Aug 2025 14:45

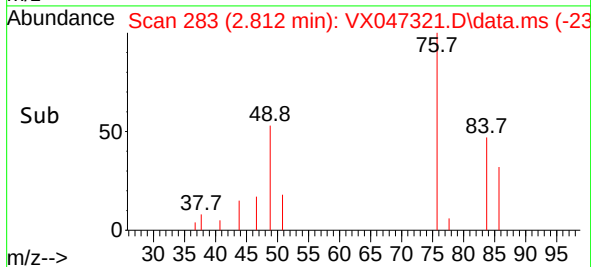
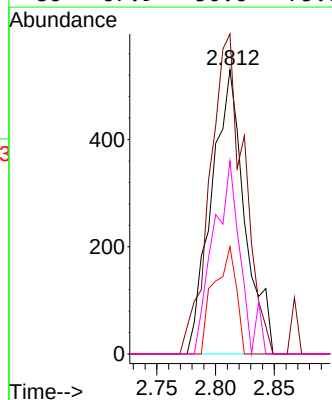
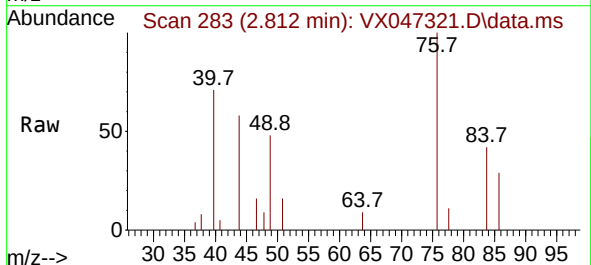
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-E

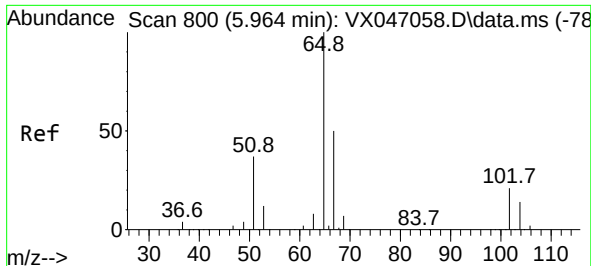
Tgt Ion: 76 Resp: 11132
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4



#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX047321.D
Acq: 13 Aug 2025 14:45

Tgt Ion: 84 Resp: 1044
Ion Ratio Lower Upper
84 100
49 112.6 101.6 152.4
51 37.7 30.3 45.5
86 67.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 61.263 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047321.D

Acq: 13 Aug 2025 14:45

Instrument :

MSVOA_X

ClientSampleId :

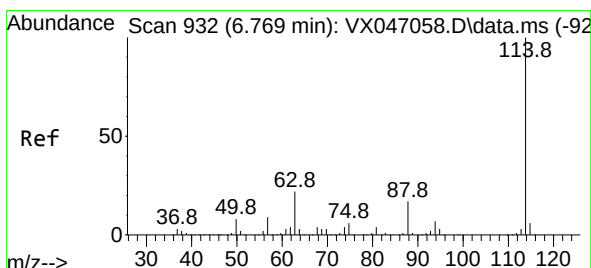
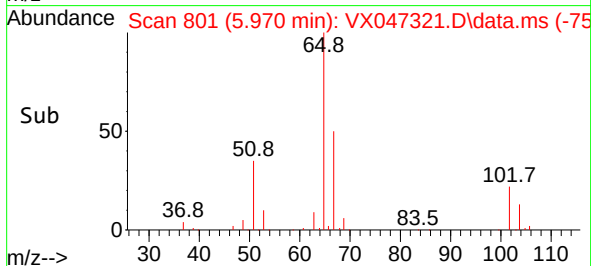
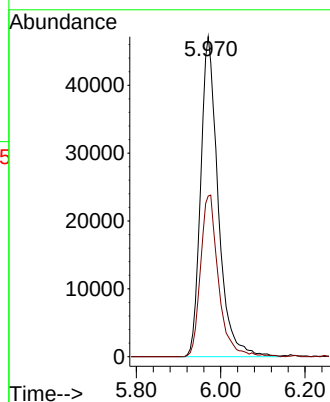
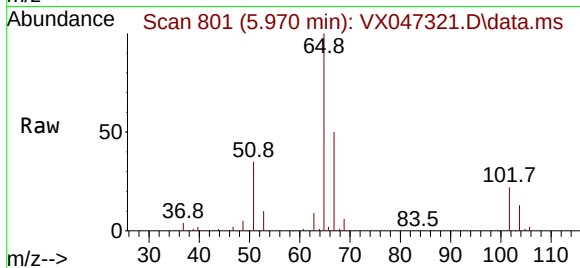
TW-518R-E

Tgt Ion: 65 Resp: 136127

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.006 min

Lab File: VX047321.D

Acq: 13 Aug 2025 14:45

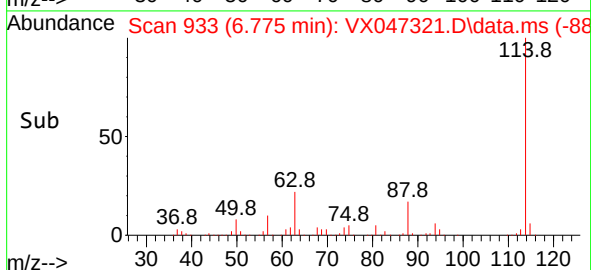
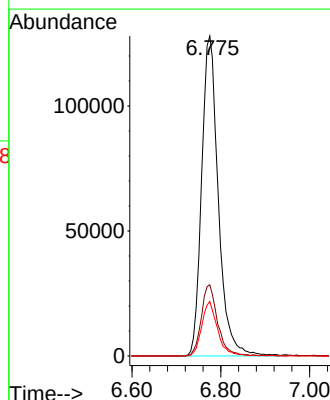
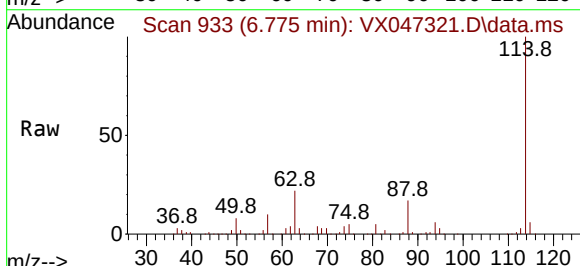
Tgt Ion: 114 Resp: 334539

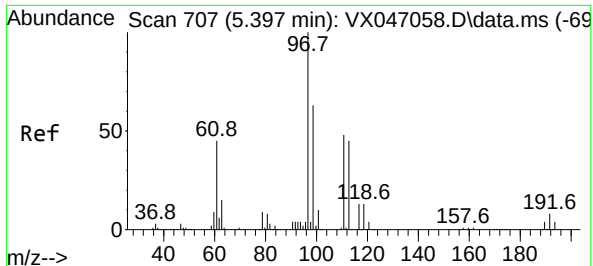
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 17.1 0.0 33.8

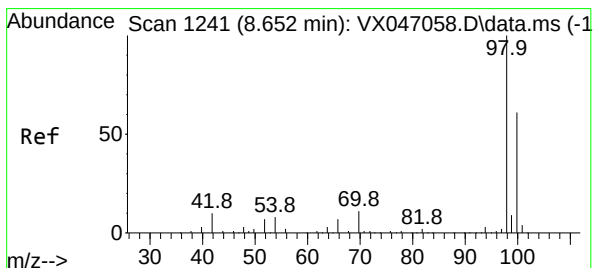
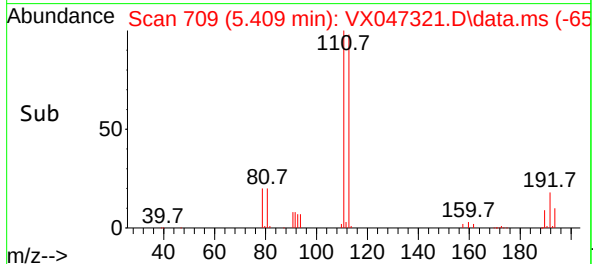
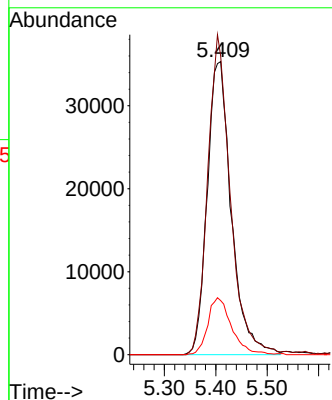
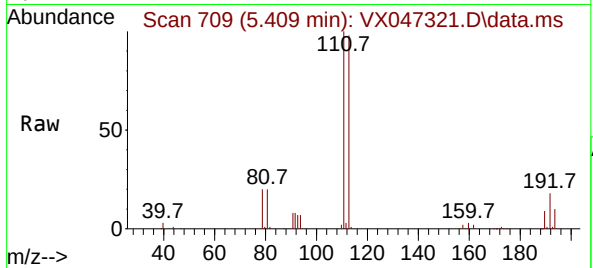




#35
Dibromofluoromethane
Concen: 55.689 ug/l
RT: 5.409 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX047321.D
Acq: 13 Aug 2025 14:45

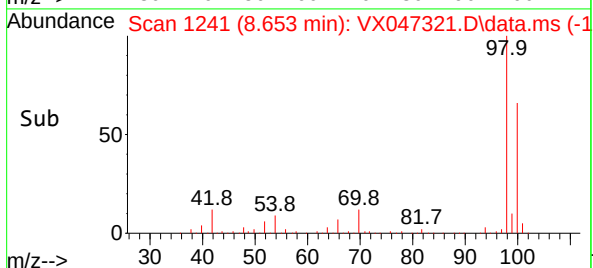
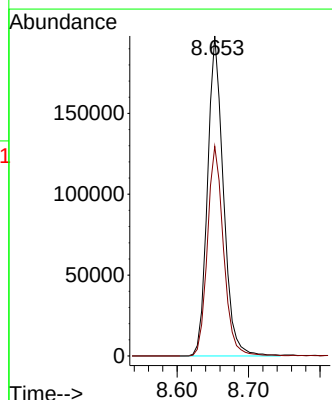
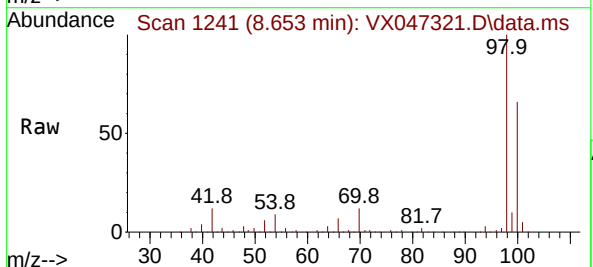
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-E

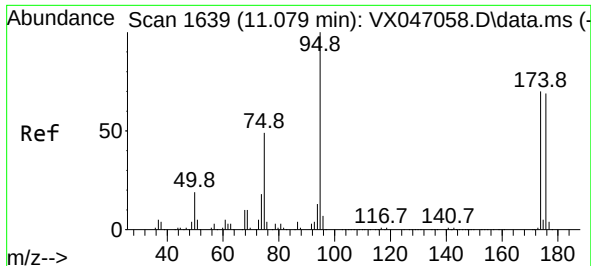
Tgt Ion:113 Resp: 115028
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.2 14.9 22.3



#50
Toluene-d8
Concen: 45.622 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047321.D
Acq: 13 Aug 2025 14:45

Tgt Ion: 98 Resp: 305174
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 53.303 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047321.D

Acq: 13 Aug 2025 14:45

Instrument :

MSVOA_X

ClientSampleId :

TW-518R-E

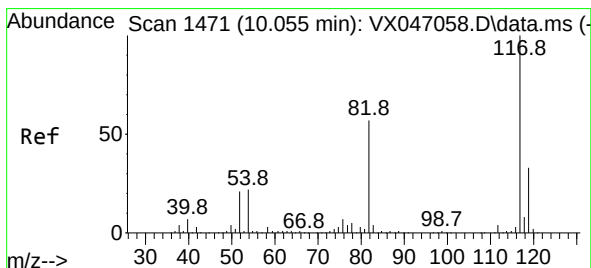
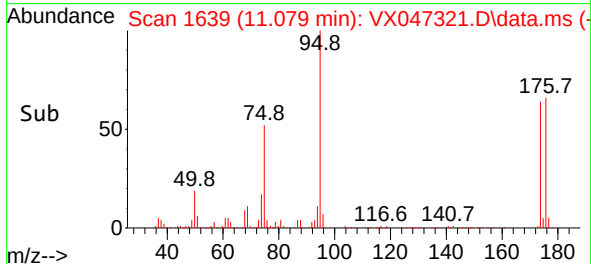
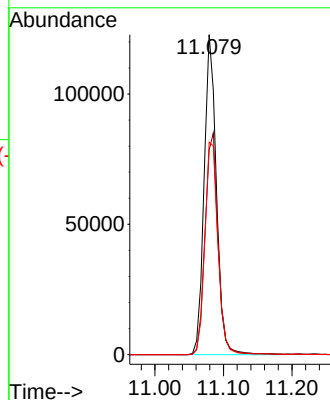
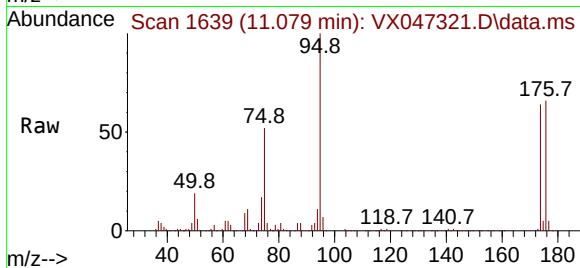
Tgt Ion: 95 Resp: 153657

Ion Ratio Lower Upper

95 100

174 72.7 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: VX047321.D

Acq: 13 Aug 2025 14:45

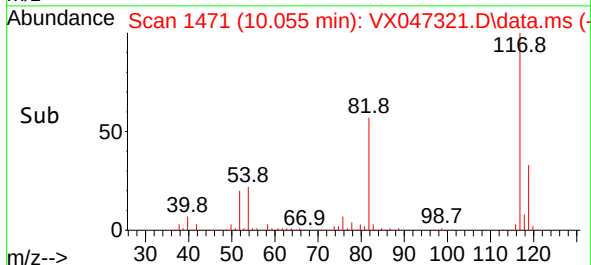
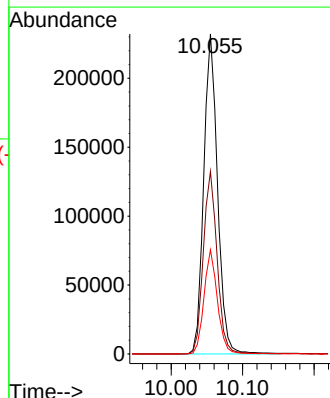
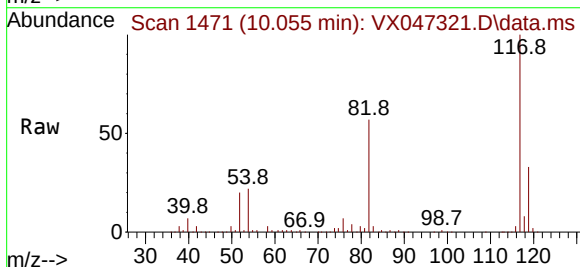
Tgt Ion: 117 Resp: 311867

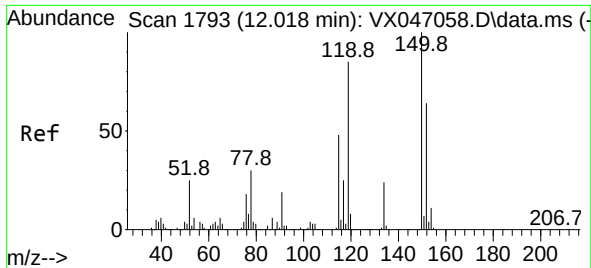
Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.2

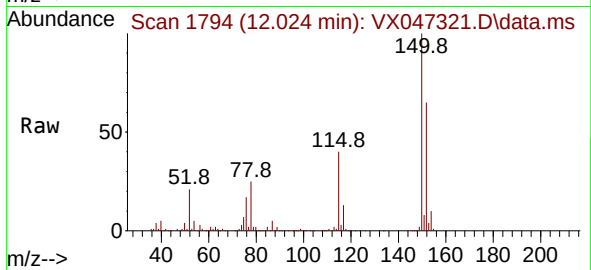
119 32.5 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX047321.D
 Acq: 13 Aug 2025 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-E



Tgt Ion:152 Resp: 156454
 Ion Ratio Lower Upper
 152 100
 115 62.1 45.6 136.7
 150 156.7 0.0 354.6

