

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047324.D
 Acq On : 13 Aug 2025 15:51
 Operator : JC/MD
 Sample : Q2815-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-705R-S

Quant Time: Aug 14 03:30:45 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)

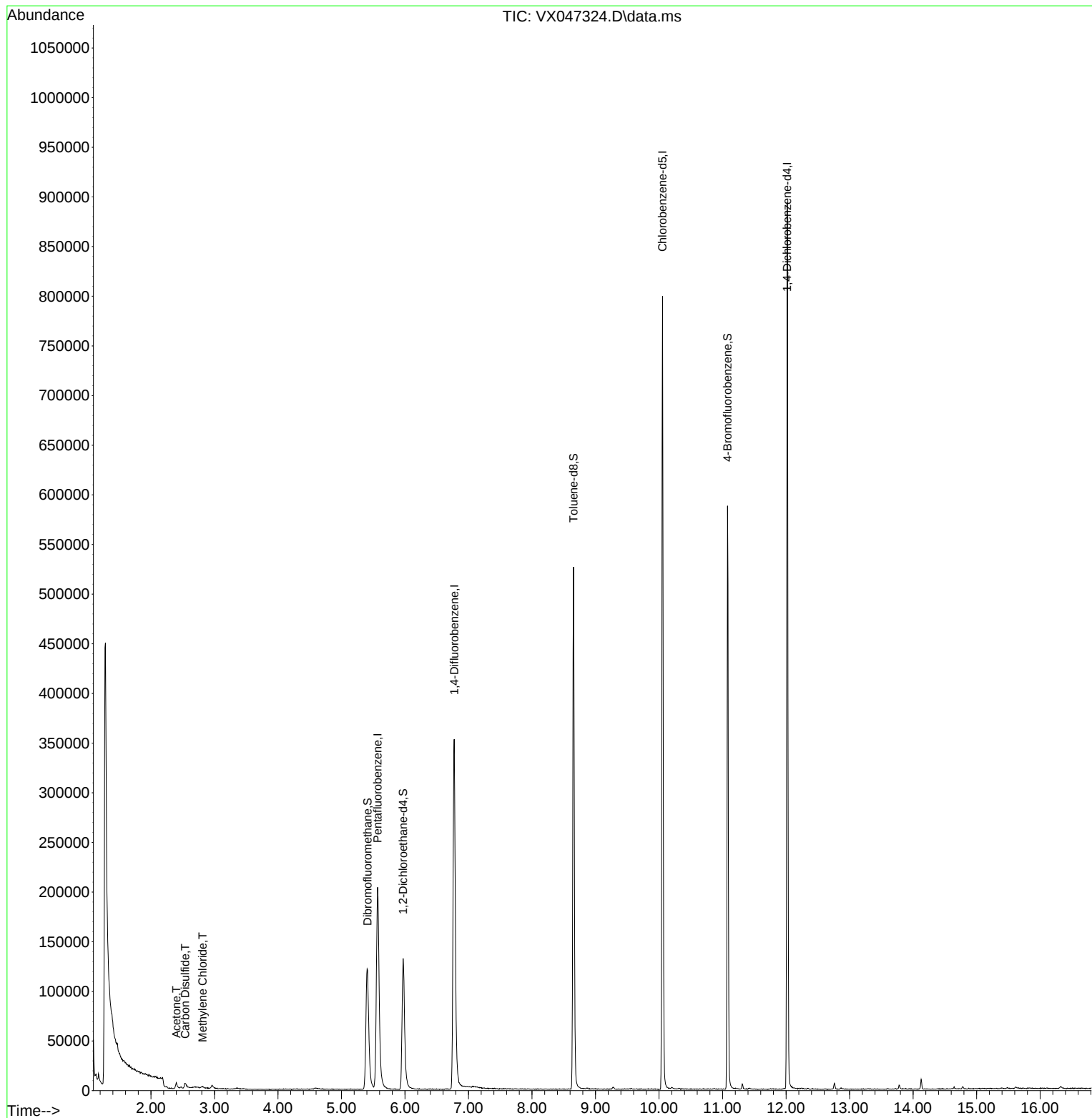
Internal Standards						
1) Pentafluorobenzene	5.568	168	200316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	376893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	140261	56.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.420%
35) Dibromofluoromethane	5.410	113	119163	51.208	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	8.653	98	316357	41.979	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	83.960%#
62) 4-Bromofluorobenzene	11.079	95	156812	48.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	8558	8.561	ug/l	96
17) Carbon Disulfide	2.538	76	9291	1.276	ug/l #	76
20) Methylene Chloride	2.813	84	767	0.279	ug/l #	79

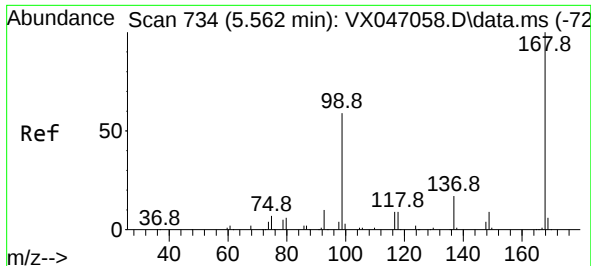
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

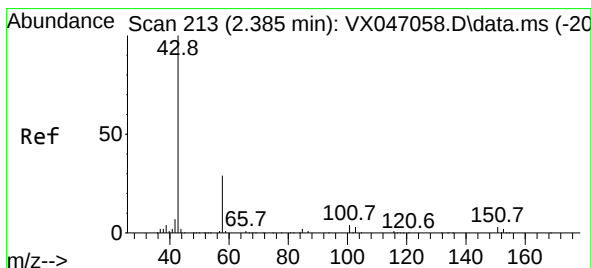
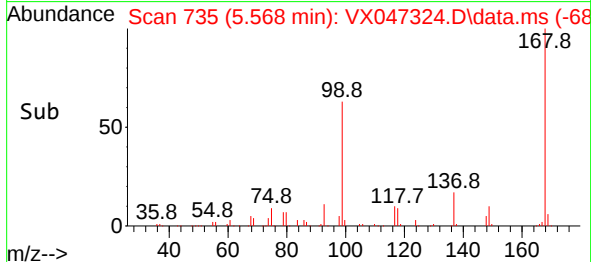
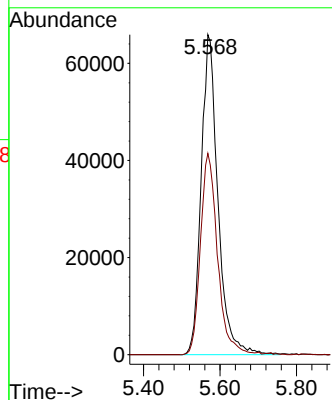
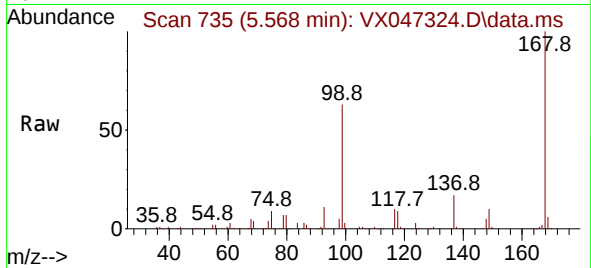




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047324.D
Acq: 13 Aug 2025 15:51

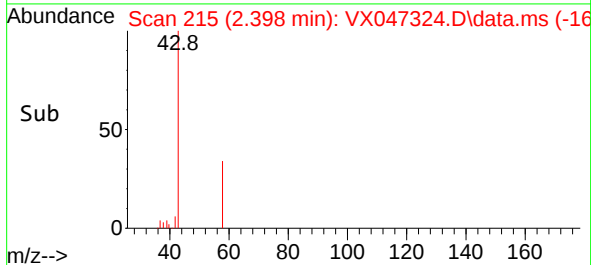
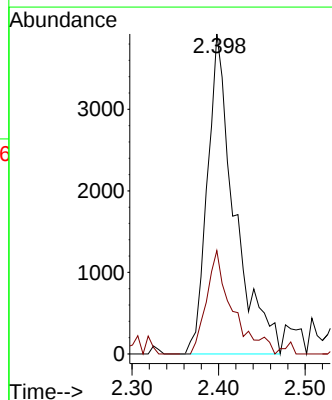
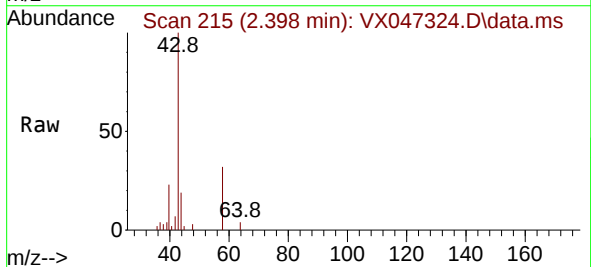
Instrument :
MSVOA_X
ClientSampleId :
TW-705R-S

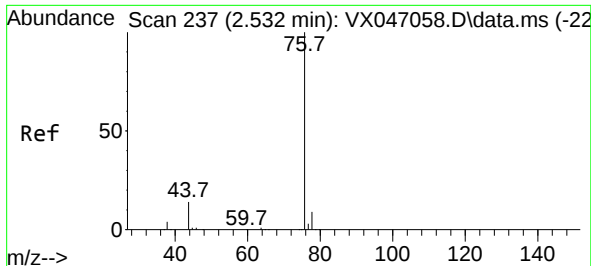
Tgt Ion:168 Resp: 200316
Ion Ratio Lower Upper
168 100
99 62.9 48.0 72.0



#16
Acetone
Concen: 8.561 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047324.D
Acq: 13 Aug 2025 15:51

Tgt Ion: 43 Resp: 8558
Ion Ratio Lower Upper
43 100
58 32.3 24.0 36.0





#17

Carbon Disulfide

Concen: 1.276 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX047324.D

Acq: 13 Aug 2025 15:51

Instrument :

MSVOA_X

ClientSampleId :

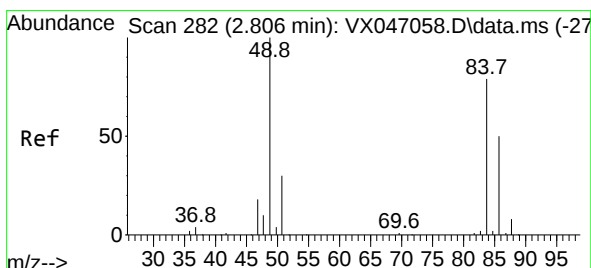
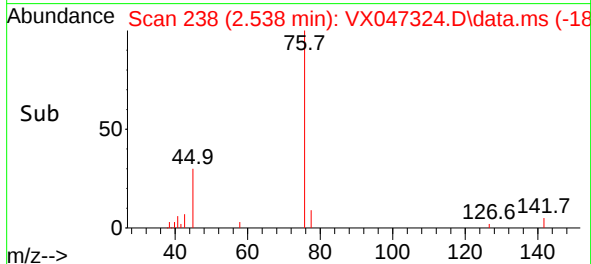
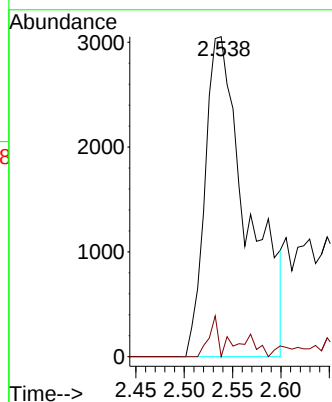
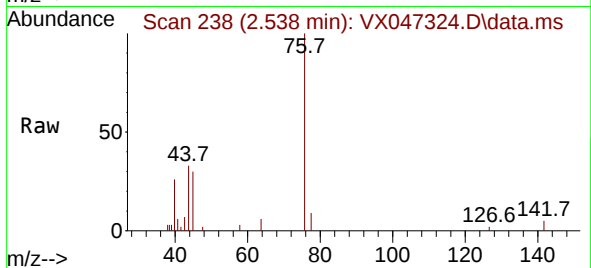
TW-705R-S

Tgt Ion: 76 Resp: 9291

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#20

Methylene Chloride

Concen: 0.279 ug/l

RT: 2.813 min Scan# 283

Delta R.T. 0.007 min

Lab File: VX047324.D

Acq: 13 Aug 2025 15:51

Tgt Ion: 84 Resp: 767

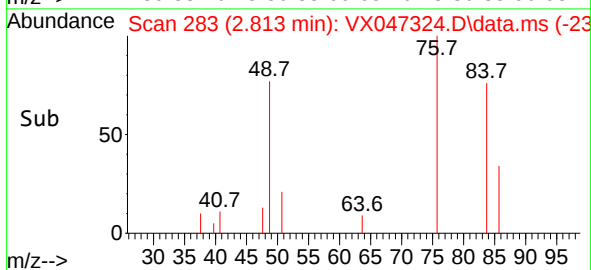
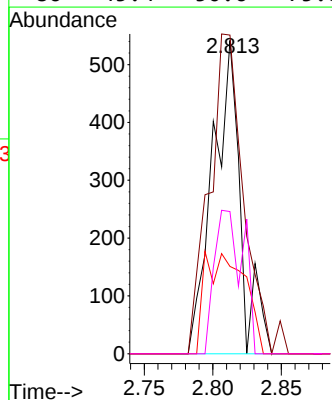
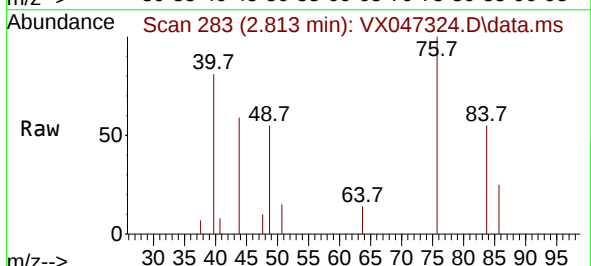
Ion Ratio Lower Upper

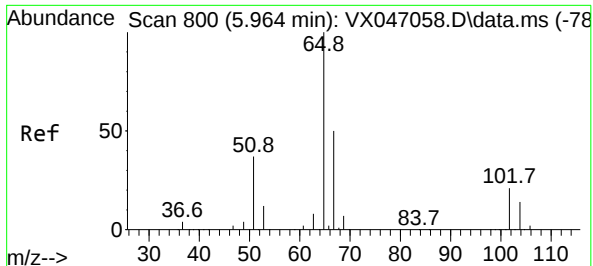
84 100

49 101.7 101.6 152.4

51 27.9 30.3 45.5#

86 45.4 50.6 75.8#

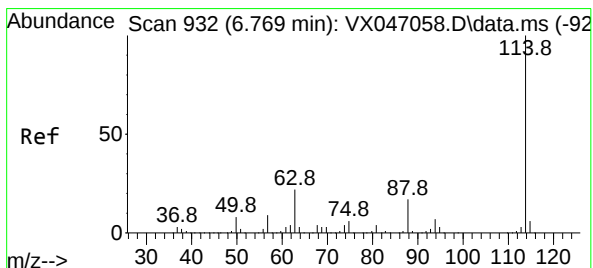
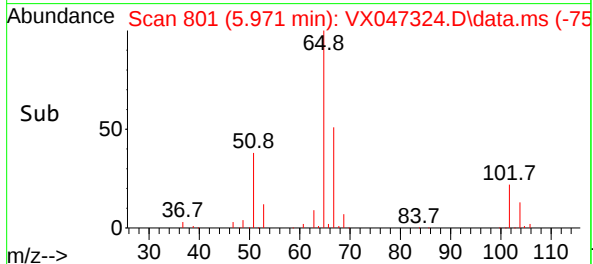
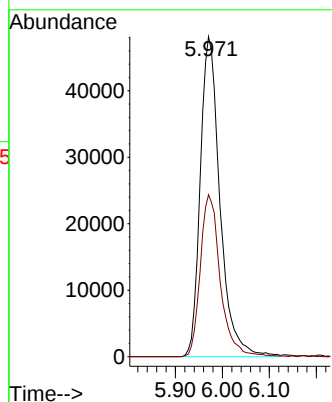
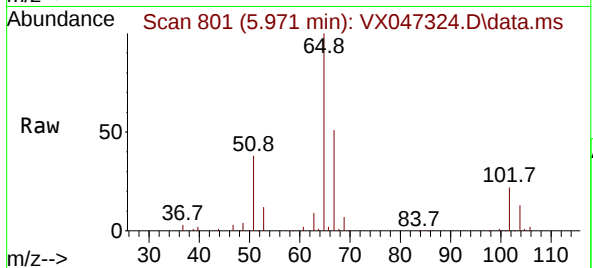




#33
 1,2-Dichloroethane-d4
 Concen: 56.210 ug/l
 RT: 5.971 min Scan# 801
 Delta R.T. 0.007 min
 Lab File: VX047324.D
 Acq: 13 Aug 2025 15:51

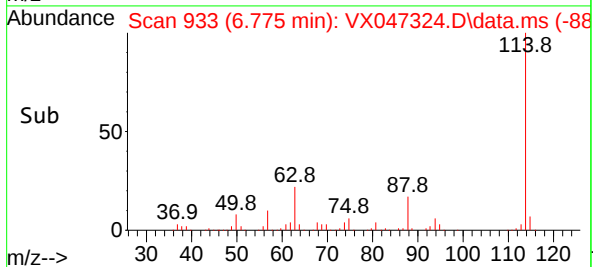
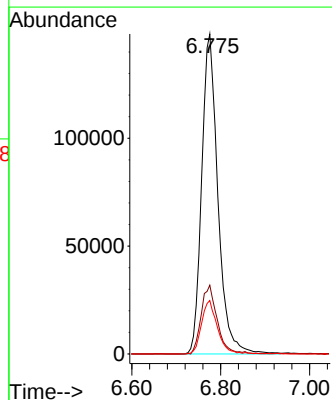
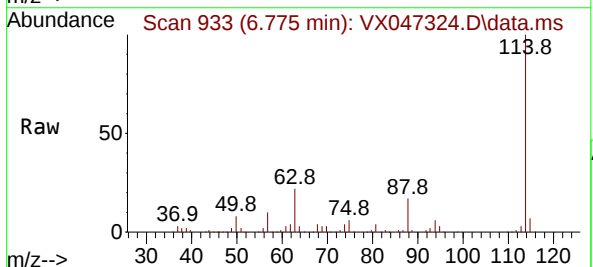
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-705R-S

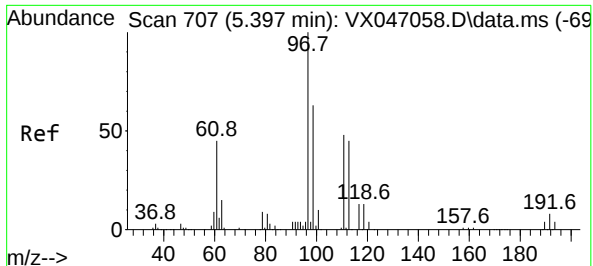
Tgt Ion: 65 Resp: 140261
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.007 min
 Lab File: VX047324.D
 Acq: 13 Aug 2025 15:51

Tgt Ion: 114 Resp: 376893
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.208 ug/l

RT: 5.410 min Scan# 707

Delta R.T. 0.013 min

Lab File: VX047324.D

Acq: 13 Aug 2025 15:51

Instrument :

MSVOA_X

ClientSampleId :

TW-705R-S

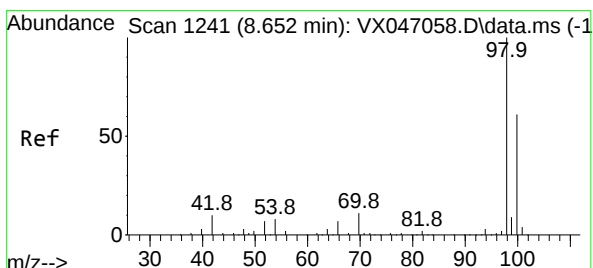
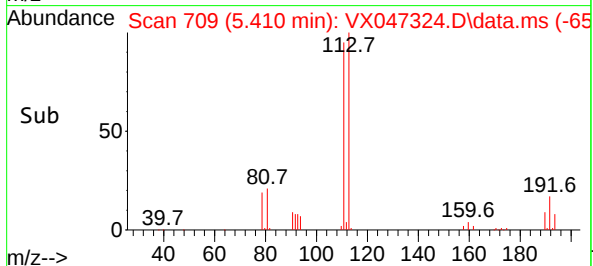
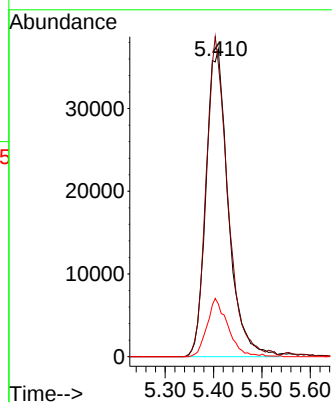
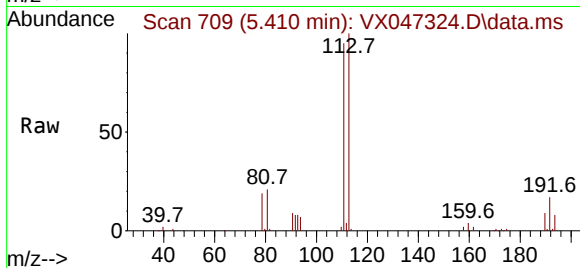
Tgt Ion:113 Resp: 119163

Ion Ratio Lower Upper

113 100

111 100.1 82.6 124.0

192 17.9 14.9 22.3



#50

Toluene-d8

Concen: 41.979 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047324.D

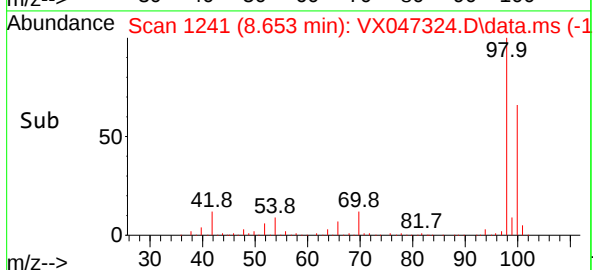
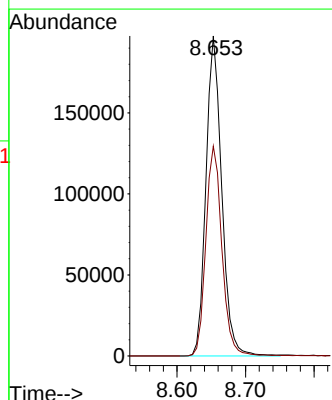
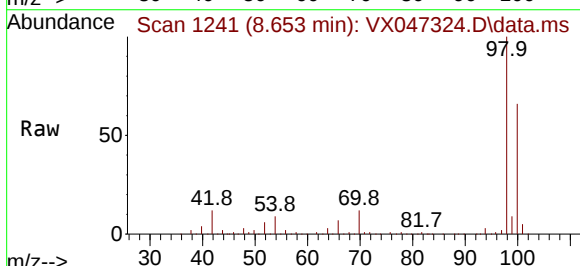
Acq: 13 Aug 2025 15:51

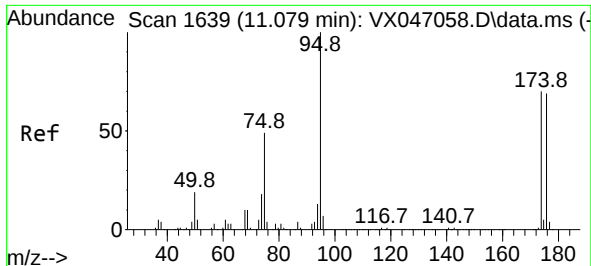
Tgt Ion: 98 Resp: 316357

Ion Ratio Lower Upper

98 100

100 66.9 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 48.285 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047324.D

Acq: 13 Aug 2025 15:51

Instrument :

MSVOA_X

ClientSampleId :

TW-705R-S

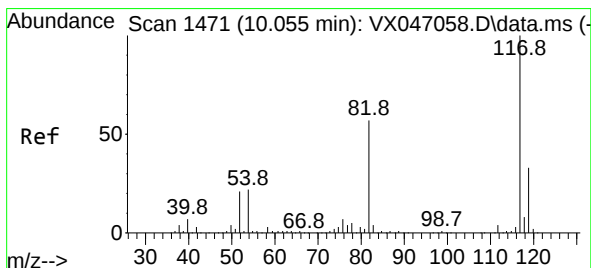
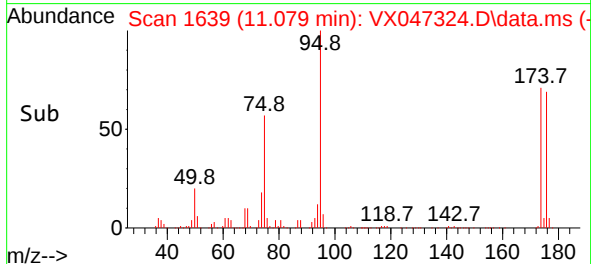
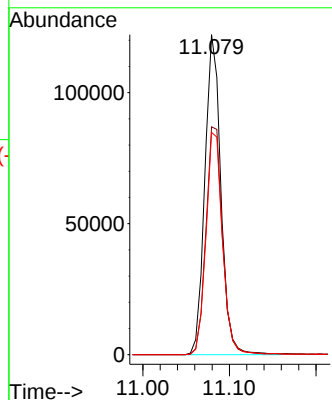
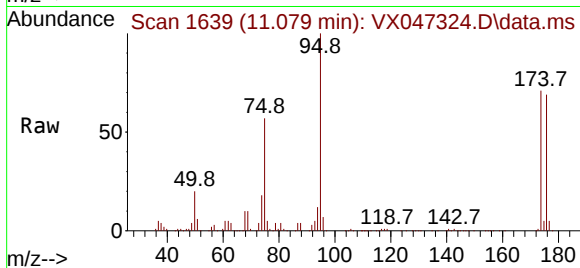
Tgt Ion: 95 Resp: 156812

Ion Ratio Lower Upper

95 100

174 74.1 0.0 144.6

176 71.5 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: VX047324.D

Acq: 13 Aug 2025 15:51

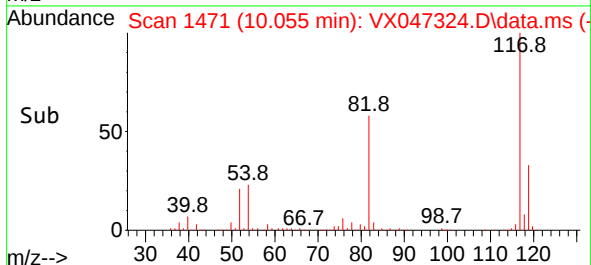
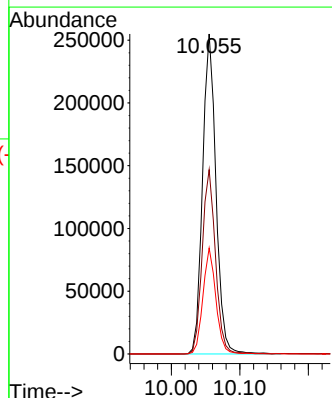
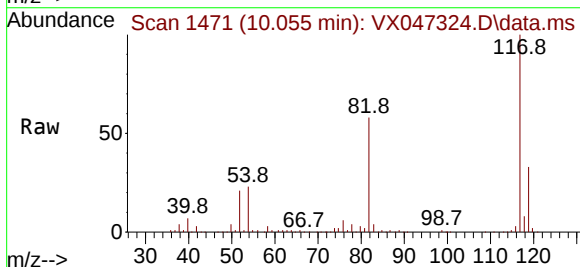
Tgt Ion: 117 Resp: 347624

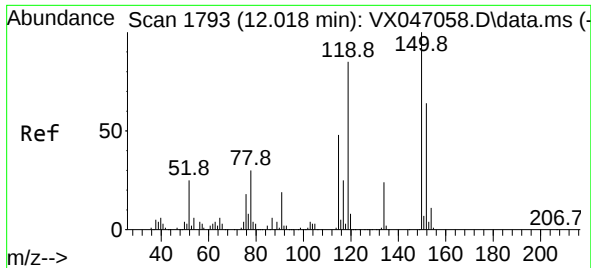
Ion Ratio Lower Upper

117 100

82 57.6 45.4 68.2

119 33.1 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047324.D
 Acq: 13 Aug 2025 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-705R-S

Tgt Ion:152 Resp: 177744
 Ion Ratio Lower Upper
 152 100
 115 61.1 45.6 136.7
 150 157.7 0.0 354.6

