

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047319.D
 Acq On : 13 Aug 2025 14:02
 Operator : JC/MD
 Sample : Q2814-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-S

Quant Time: Aug 14 03:28:48 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)

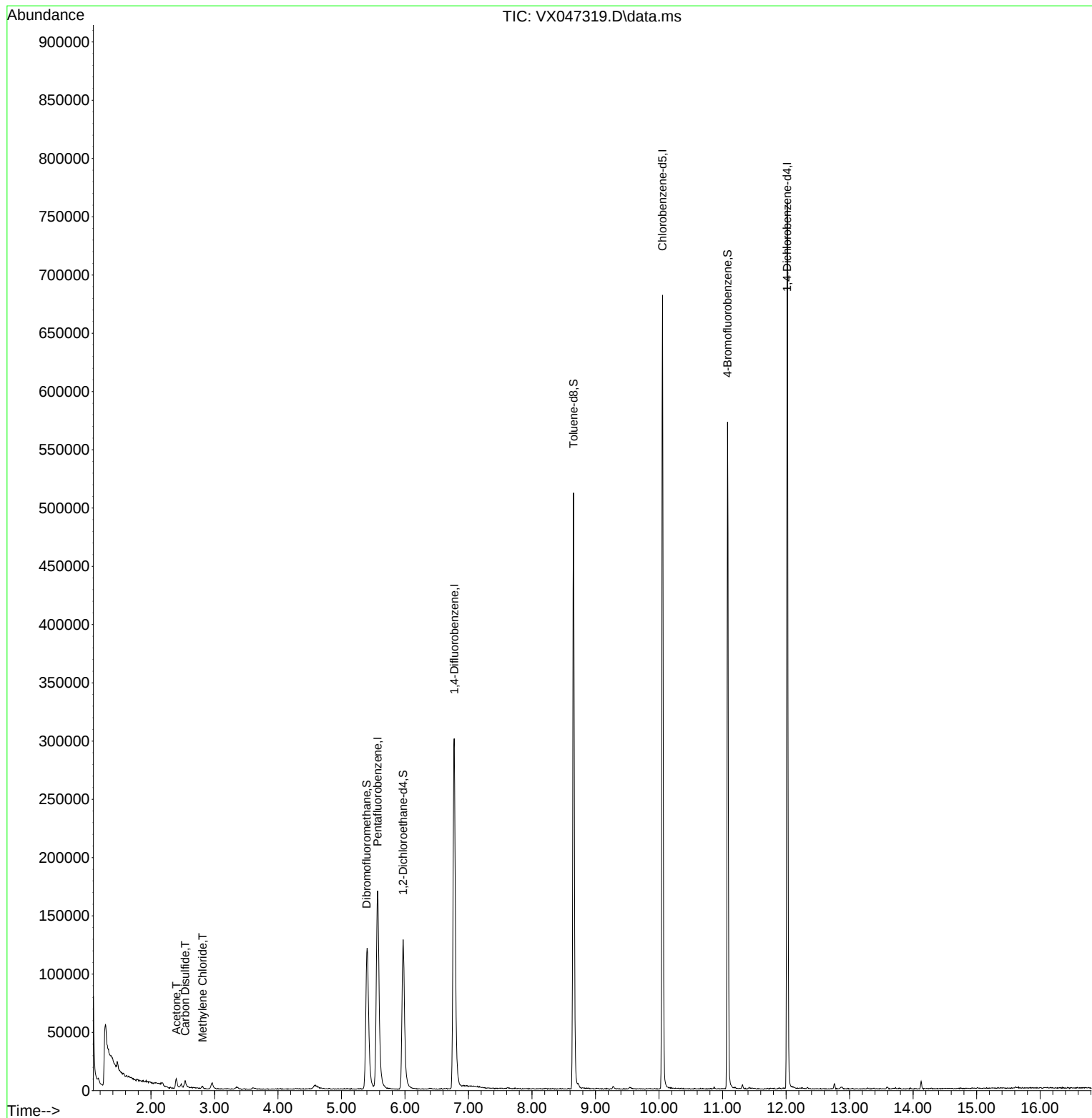
Internal Standards						
1) Pentafluorobenzene	5.568	168	171554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	324346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	153769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	136854	64.040	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 128.080%#	
35) Dibromofluoromethane	5.397	113	116865	58.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.720%	
50) Toluene-d8	8.653	98	304188	46.903	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.800%	
62) 4-Bromofluorobenzene	11.079	95	153337	54.864	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.720%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	12225	14.280	ug/l #	87
17) Carbon Disulfide	2.538	76	8908	1.428	ug/l #	88
20) Methylene Chloride	2.812	84	866	0.368	ug/l #	73

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

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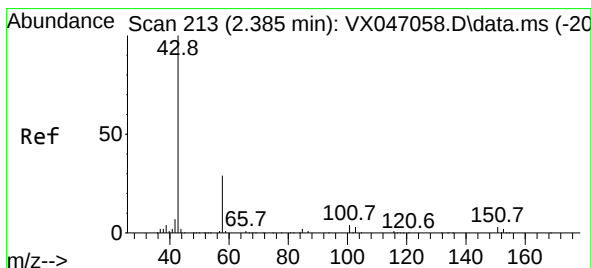
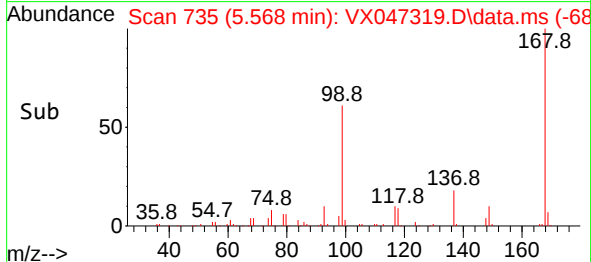
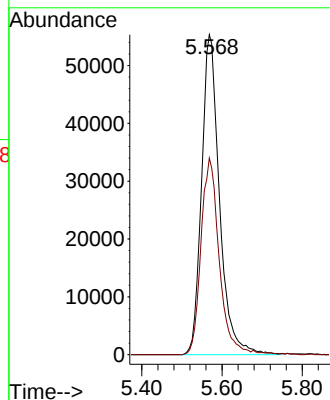
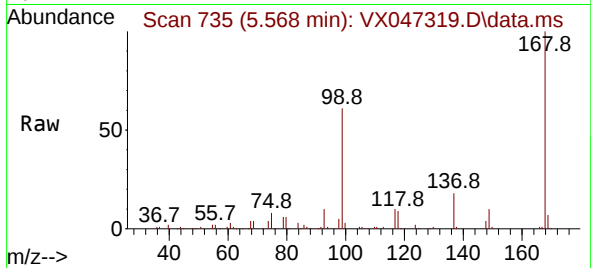




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047319.D
Acq: 13 Aug 2025 14:02

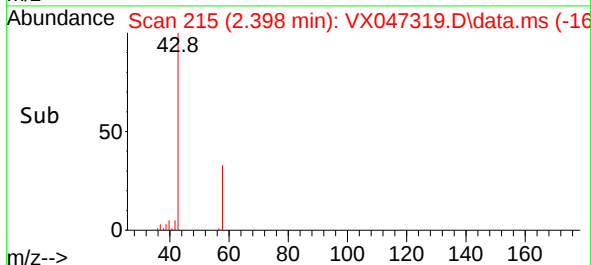
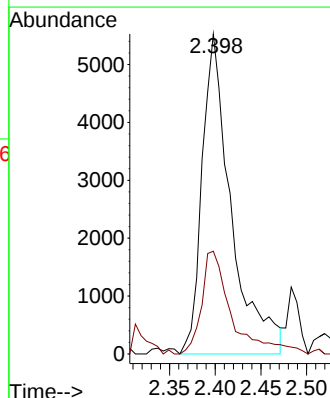
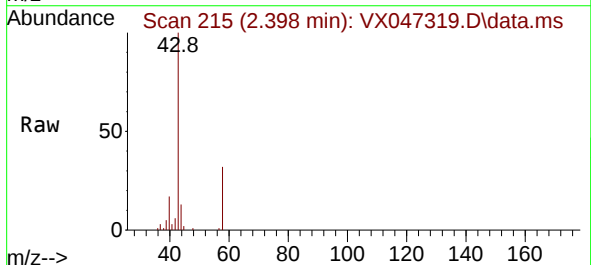
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-S

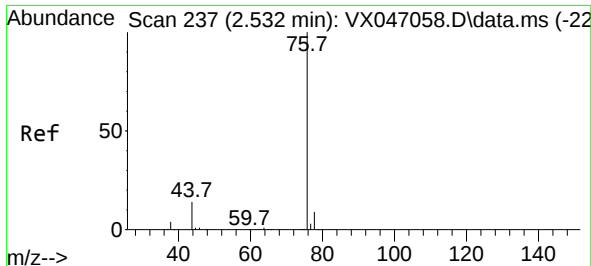
Tgt Ion:168 Resp: 171554
Ion Ratio Lower Upper
168 100
99 61.4 48.0 72.0



#16
Acetone
Concen: 14.280 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047319.D
Acq: 13 Aug 2025 14:02

Tgt Ion: 43 Resp: 12225
Ion Ratio Lower Upper
43 100
58 36.9 24.0 36.0#





#17

Carbon Disulfide

Concen: 1.428 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047319.D

Acq: 13 Aug 2025 14:02

Instrument :

MSVOA_X

ClientSampleId :

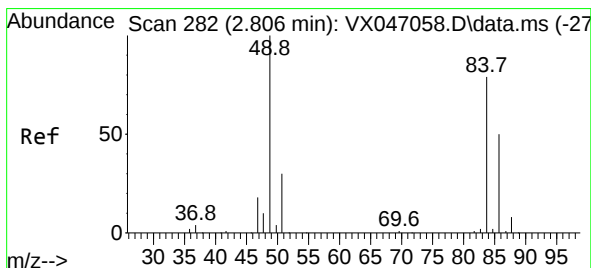
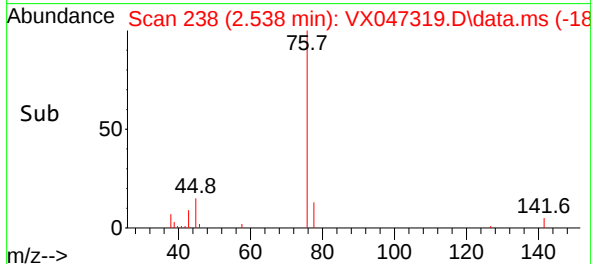
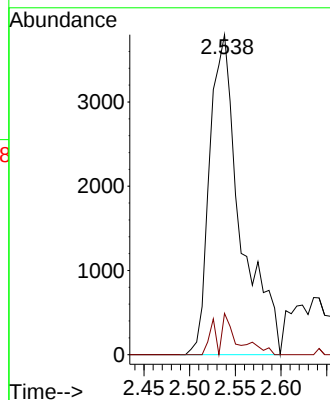
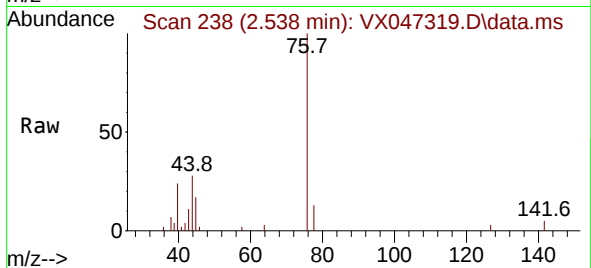
TW-518R-S

Tgt Ion: 76 Resp: 8908

Ion Ratio Lower Upper

76 100

78 12.9 7.0 10.4#



#20

Methylene Chloride

Concen: 0.368 ug/l

RT: 2.812 min Scan# 283

Delta R.T. 0.006 min

Lab File: VX047319.D

Acq: 13 Aug 2025 14:02

Tgt Ion: 84 Resp: 866

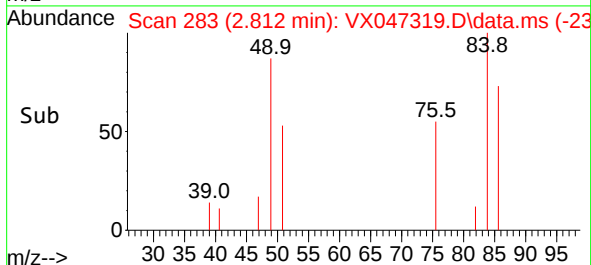
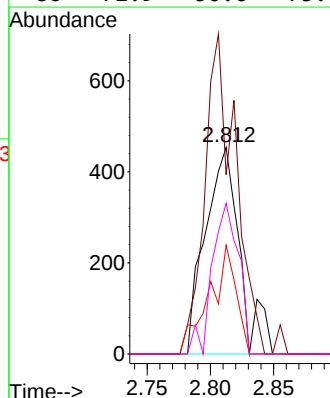
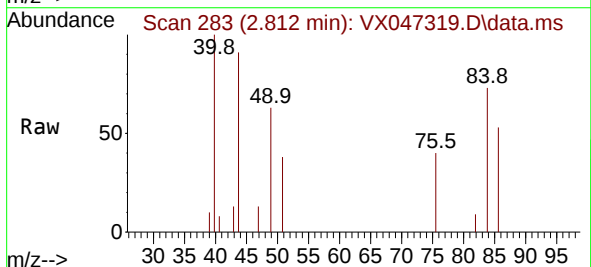
Ion Ratio Lower Upper

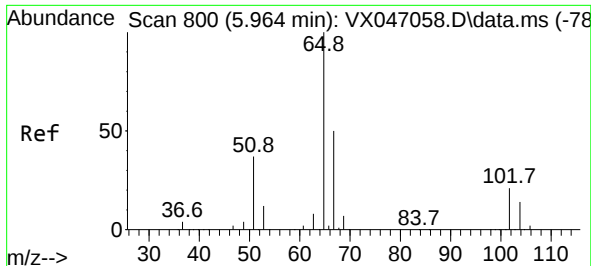
84 100

49 86.8 101.6 152.4#

51 52.6 30.3 45.5#

86 72.9 50.6 75.8

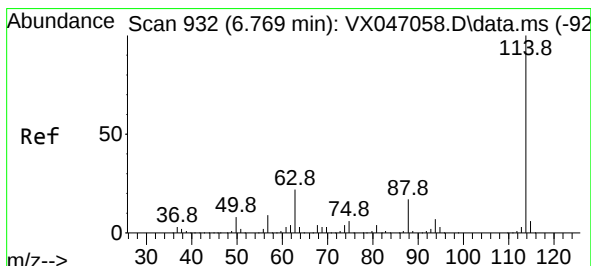
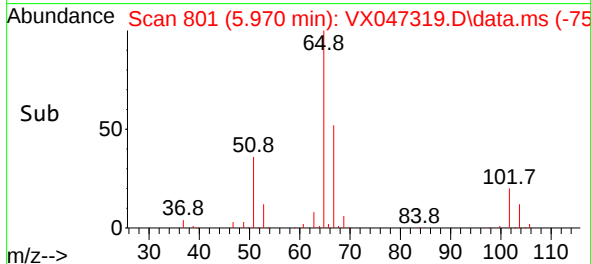
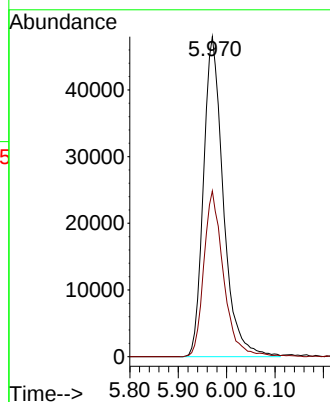
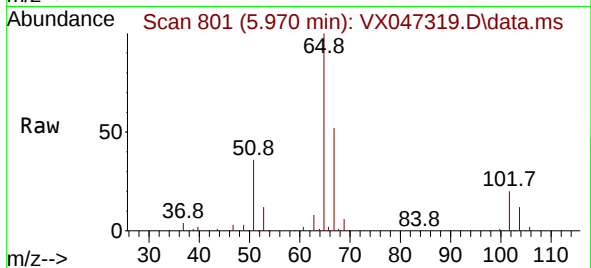




#33
 1,2-Dichloroethane-d4
 Concen: 64.040 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047319.D
 Acq: 13 Aug 2025 14:02

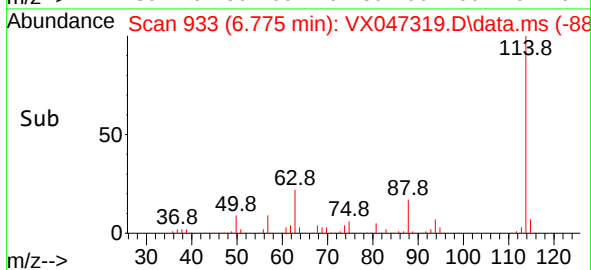
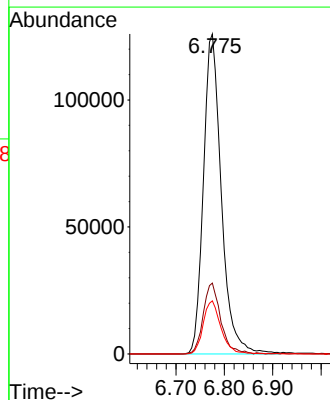
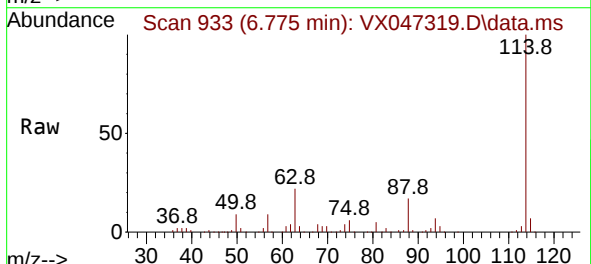
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-S

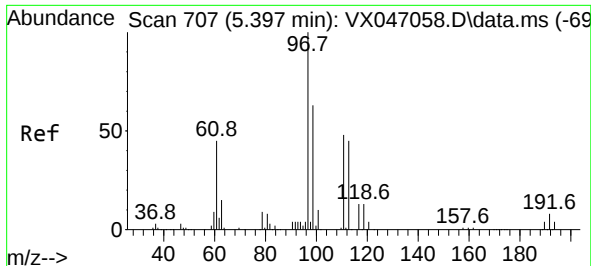
Tgt Ion: 65 Resp: 136854
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VX047319.D
 Acq: 13 Aug 2025 14:02

Tgt Ion: 114 Resp: 324346
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 16.6 0.0 33.8

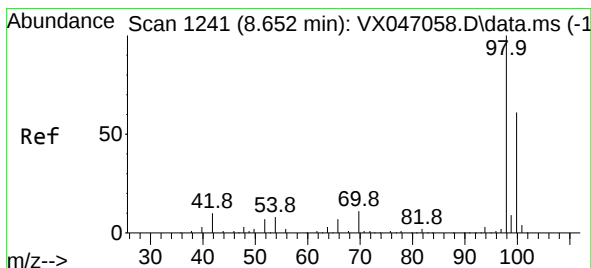
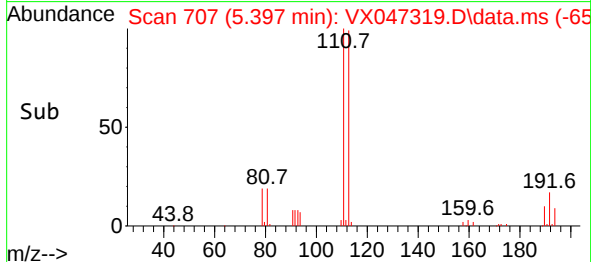
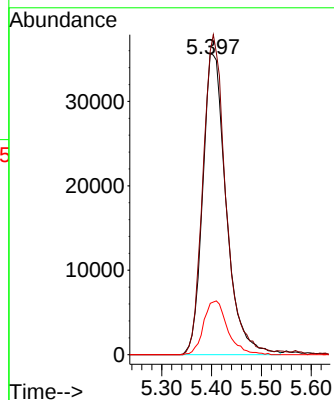
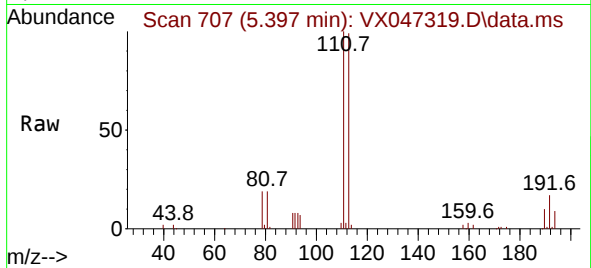




#35
Dibromofluoromethane
Concen: 58.356 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047319.D
Acq: 13 Aug 2025 14:02

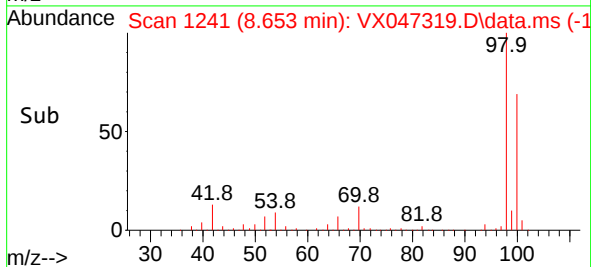
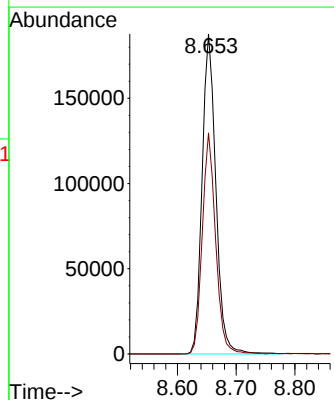
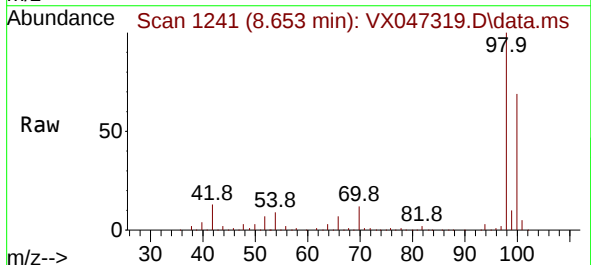
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-S

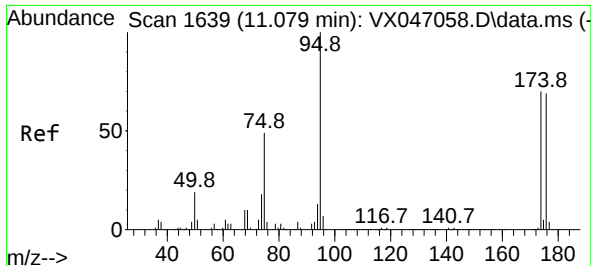
Tgt Ion:113 Resp: 116865
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.3 14.9 22.3



#50
Toluene-d8
Concen: 46.903 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047319.D
Acq: 13 Aug 2025 14:02

Tgt Ion: 98 Resp: 304188
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 54.864 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047319.D

Acq: 13 Aug 2025 14:02

Instrument :

MSVOA_X

ClientSampleId :

TW-518R-S

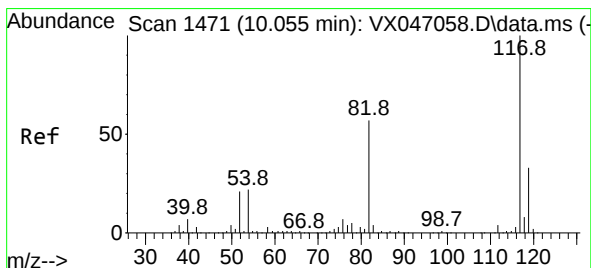
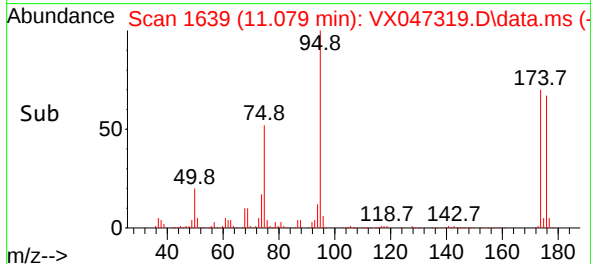
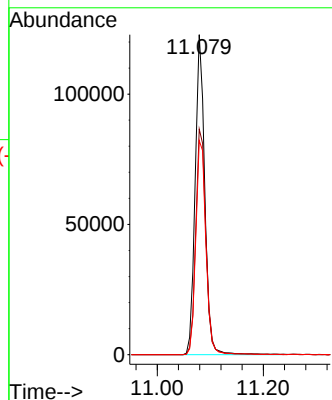
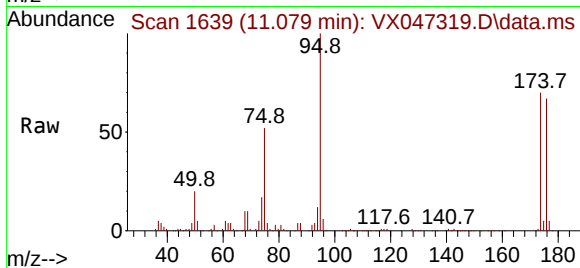
Tgt Ion: 95 Resp: 153337

Ion Ratio Lower Upper

95 100

174 75.1 0.0 144.6

176 70.8 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: VX047319.D

Acq: 13 Aug 2025 14:02

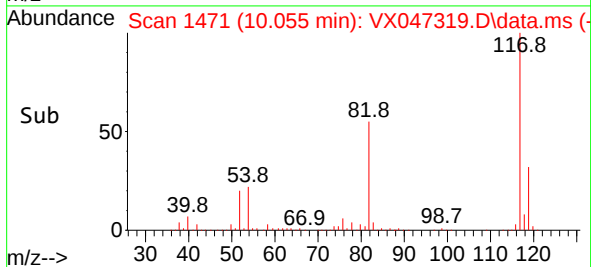
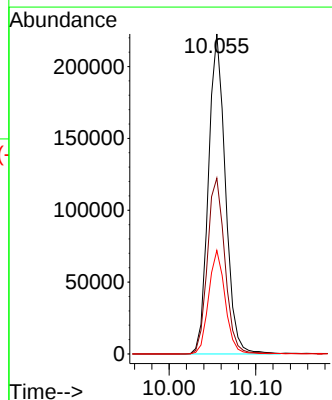
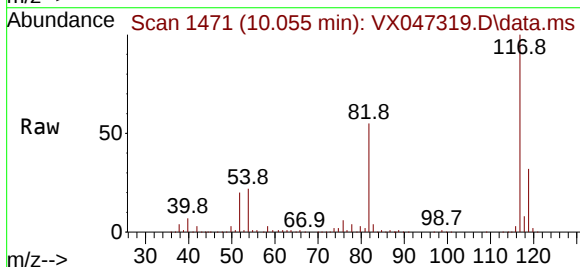
Tgt Ion: 117 Resp: 303090

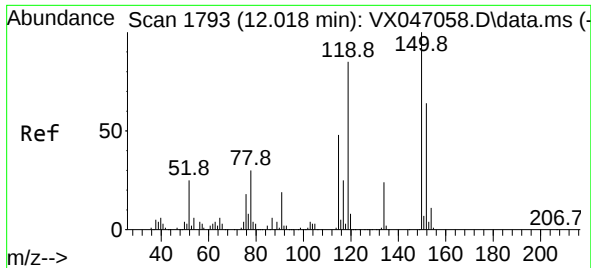
Ion Ratio Lower Upper

117 100

82 54.9 45.4 68.2

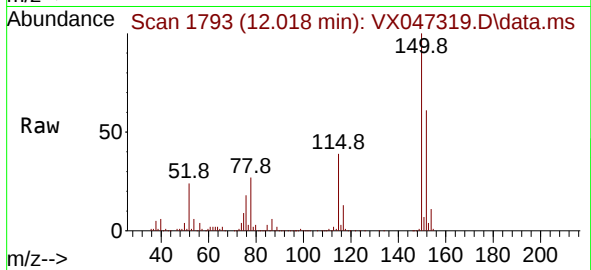
119 32.3 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047319.D
 Acq: 13 Aug 2025 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-S



Tgt Ion:152 Resp: 153769
 Ion Ratio Lower Upper
 152 100
 115 61.7 45.6 136.7
 150 159.4 0.0 354.6

