

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047306.D
 Acq On : 12 Aug 2025 18:32
 Operator : JC/MD
 Sample : Q2814-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Aug 13 01:26:01 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)

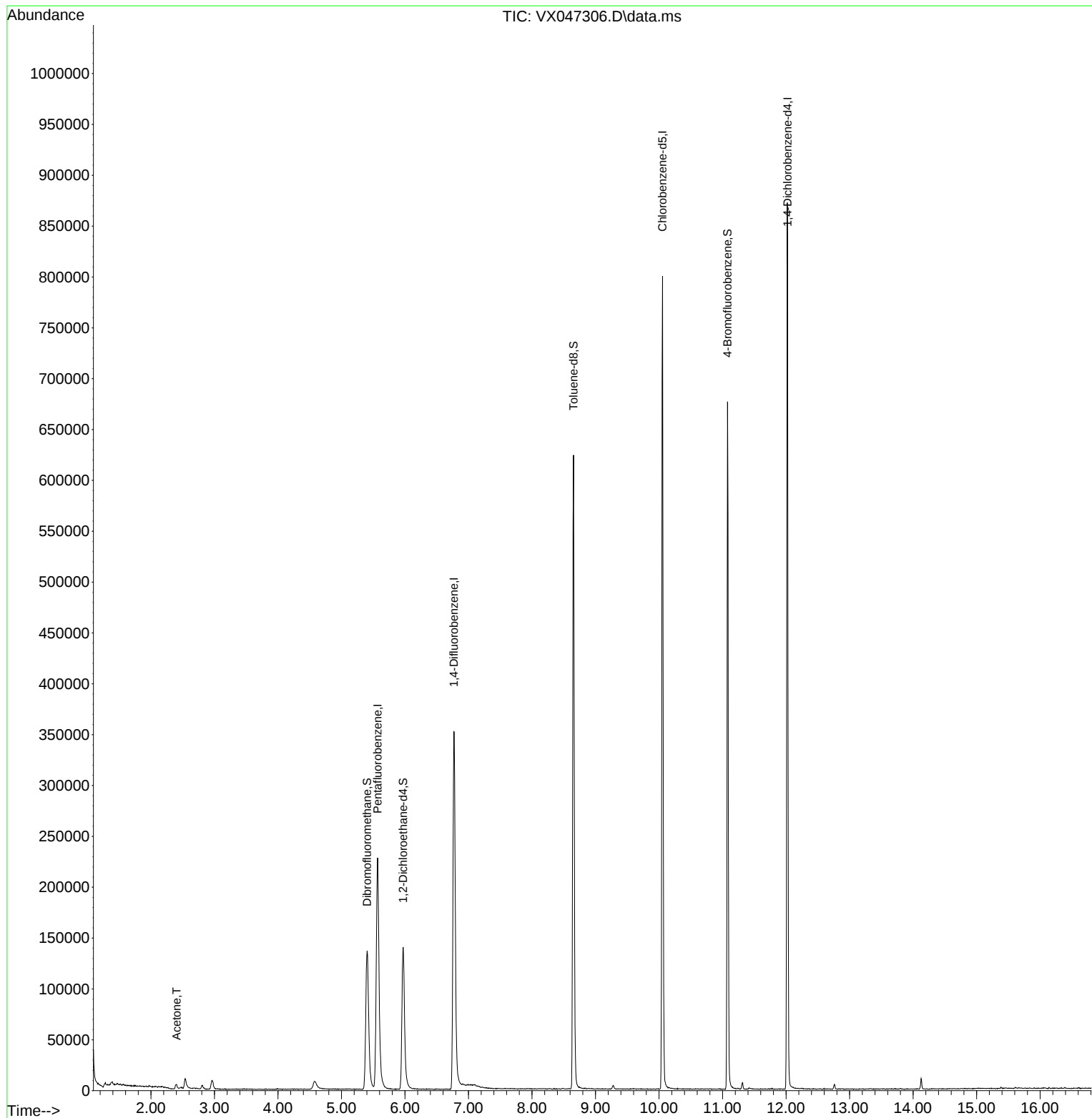
Internal Standards						
1) Pentafluorobenzene	5.568	168	225310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	387799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	153841	54.813	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.620%		
35) Dibromofluoromethane	5.404	113	133730	55.851	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 111.700%		
50) Toluene-d8	8.653	98	374692	48.321	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.640%		
62) 4-Bromofluorobenzene	11.079	95	182736	54.685	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.360%		
Target Compounds						
16) Acetone	2.404	43	7036	6.258	ug/l	Qvalue # 87

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

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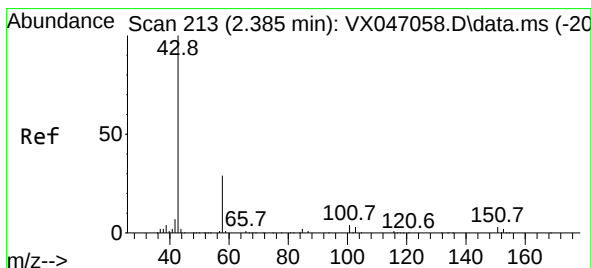
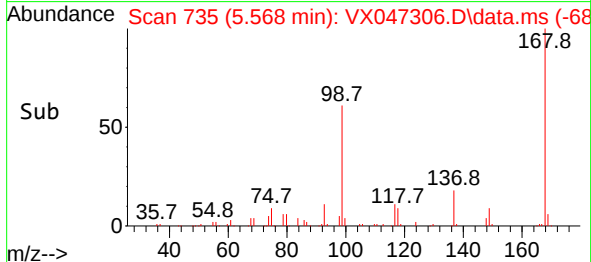
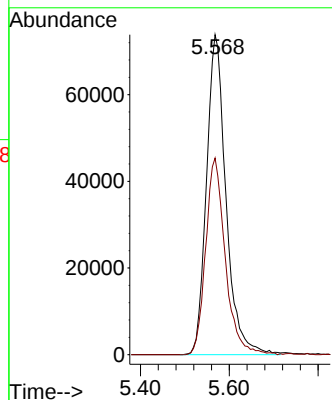
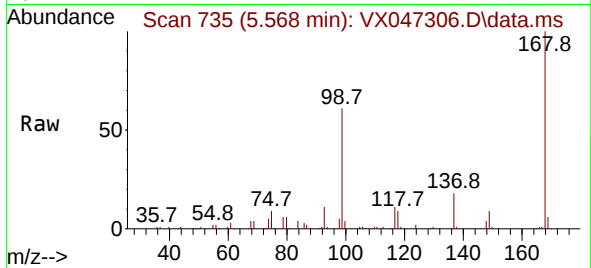




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047306.D
Acq: 12 Aug 2025 18:32

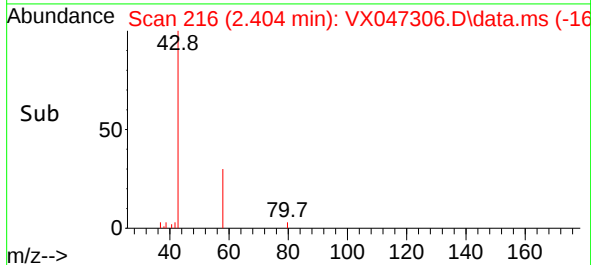
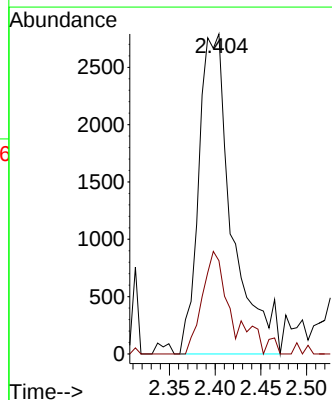
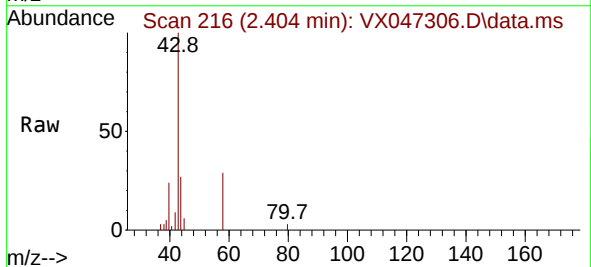
Instrument :
MSVOA_X
ClientSampleId :
FB

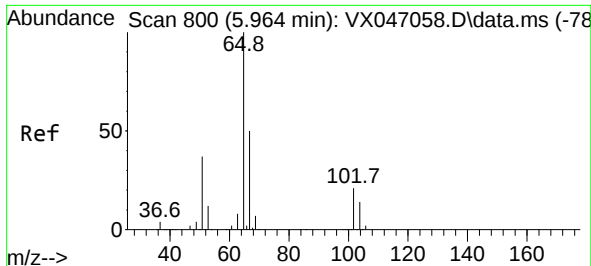
Tgt Ion:168 Resp: 225310
Ion Ratio Lower Upper
168 100
99 61.5 48.0 72.0



#16
Acetone
Concen: 6.258 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.019 min
Lab File: VX047306.D
Acq: 12 Aug 2025 18:32

Tgt Ion: 43 Resp: 7036
Ion Ratio Lower Upper
43 100
58 22.9 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 54.813 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047306.D

Acq: 12 Aug 2025 18:32

Instrument :

MSVOA_X

ClientSampleId :

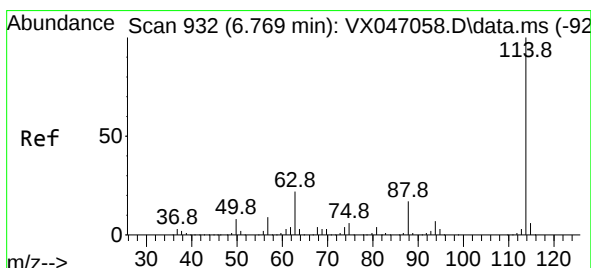
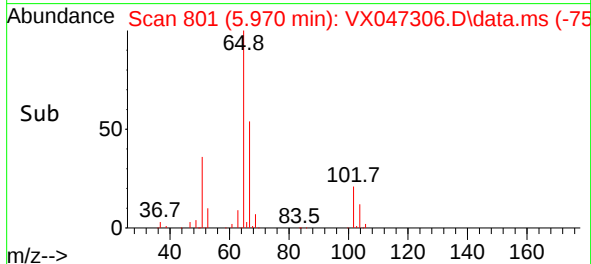
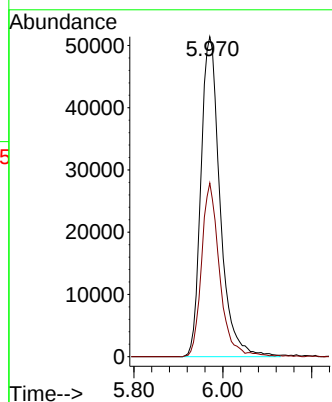
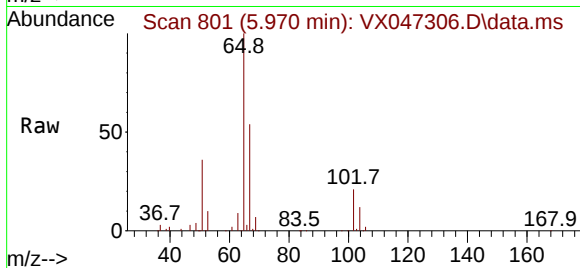
FB

Tgt Ion: 65 Resp: 153841

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047306.D

Acq: 12 Aug 2025 18:32

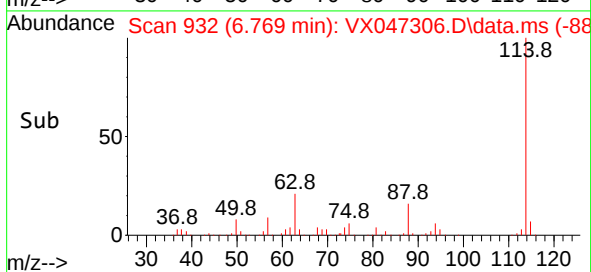
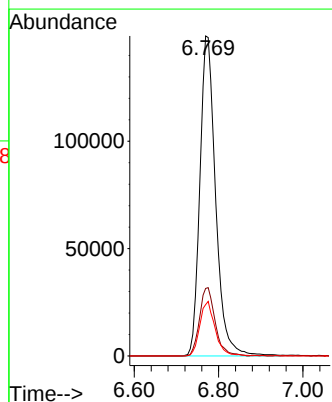
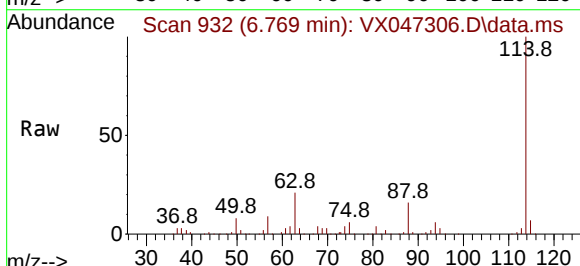
Tgt Ion: 114 Resp: 387799

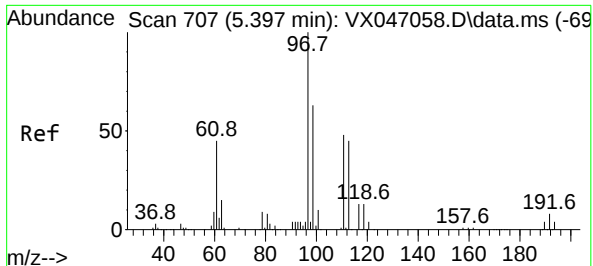
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 16.1 0.0 33.8

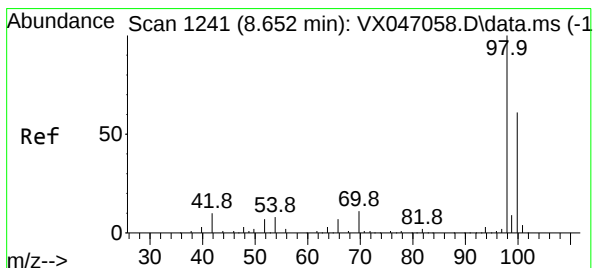
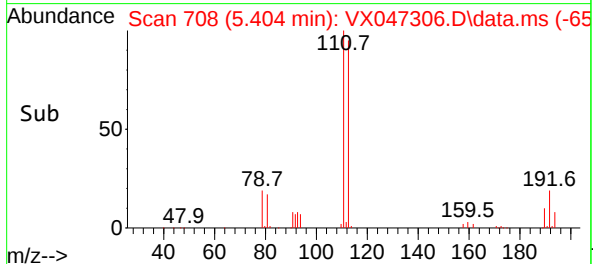
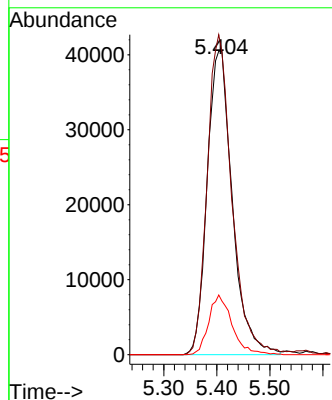
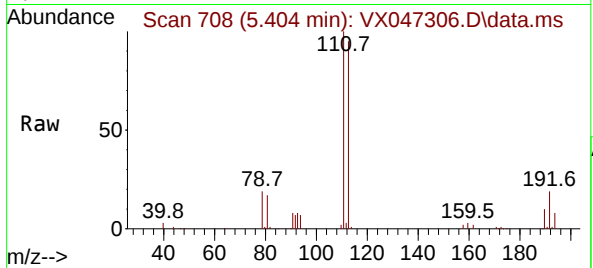




#35
Dibromofluoromethane
Concen: 55.851 ug/l
RT: 5.404 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047306.D
Acq: 12 Aug 2025 18:32

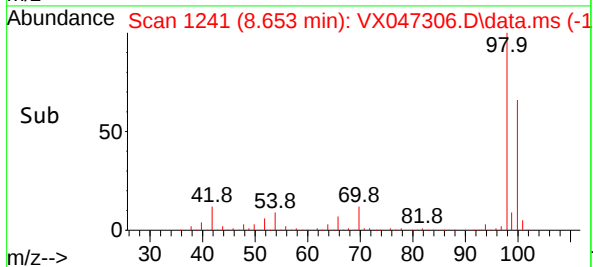
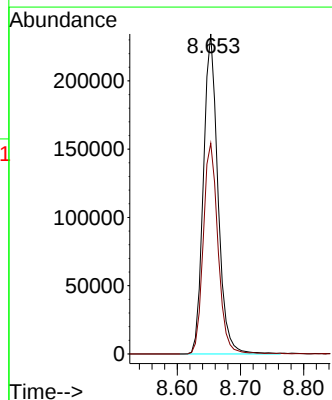
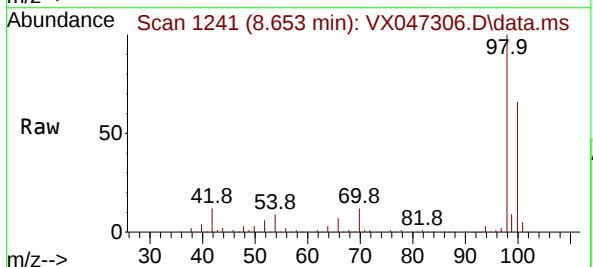
Instrument :
MSVOA_X
ClientSampleId :
FB

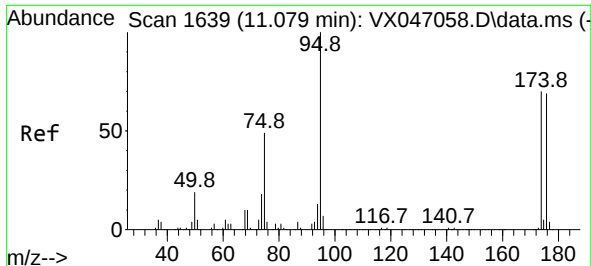
Tgt Ion:113 Resp: 133730
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.3 14.9 22.3



#50
Toluene-d8
Concen: 48.321 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047306.D
Acq: 12 Aug 2025 18:32

Tgt Ion: 98 Resp: 374692
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 54.685 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047306.D

Acq: 12 Aug 2025 18:32

Instrument :

MSVOA_X

ClientSampleId :

FB

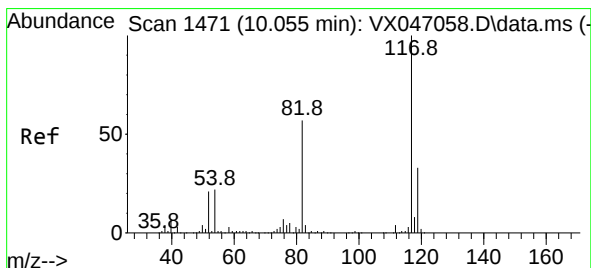
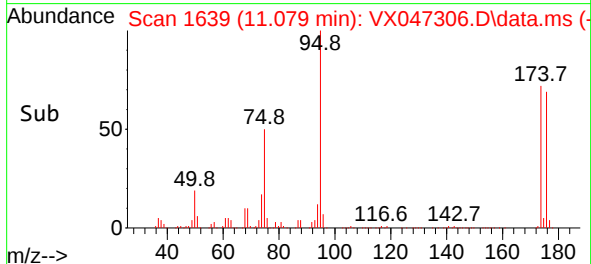
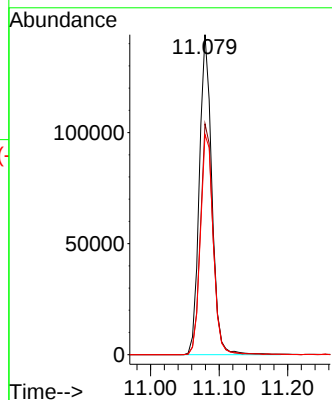
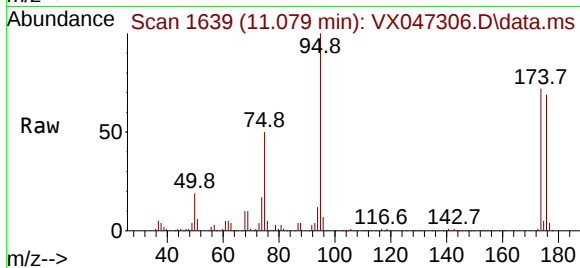
Tgt Ion: 95 Resp: 182736

Ion Ratio Lower Upper

95 100

174 72.7 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: VX047306.D

Acq: 12 Aug 2025 18:32

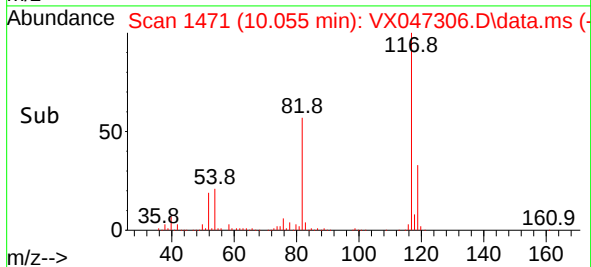
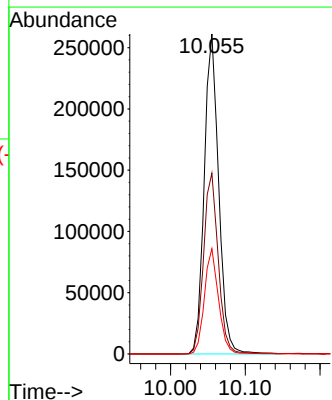
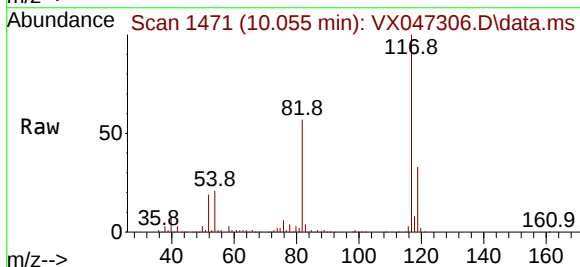
Tgt Ion: 117 Resp: 350959

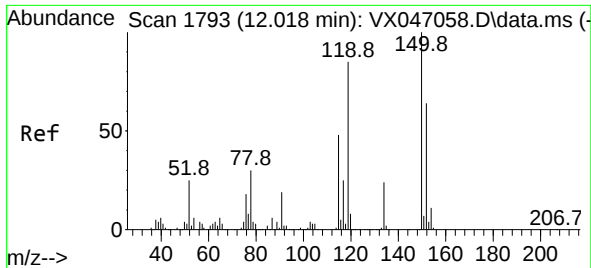
Ion Ratio Lower Upper

117 100

82 56.5 45.4 68.2

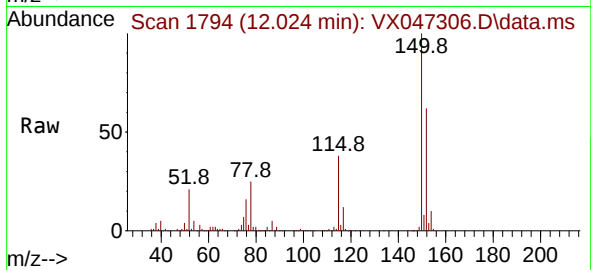
119 32.9 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX047306.D
 Acq: 12 Aug 2025 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 FB



Tgt Ion:152 Resp: 176828
 Ion Ratio Lower Upper
 152 100
 115 63.2 45.6 136.7
 150 160.1 0.0 354.6

