

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047043.D
 Acq On : 18 Jul 2025 12:53
 Operator : JC/MD
 Sample : Q2581-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jul 19 04:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	444252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	798410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	753659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	369033	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	314556	53.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.200%
35) Dibromofluoromethane	5.397	113	262742	48.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	8.647	98	958845	50.145	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.280%
62) 4-Bromofluorobenzene	11.079	95	386518	53.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.380%

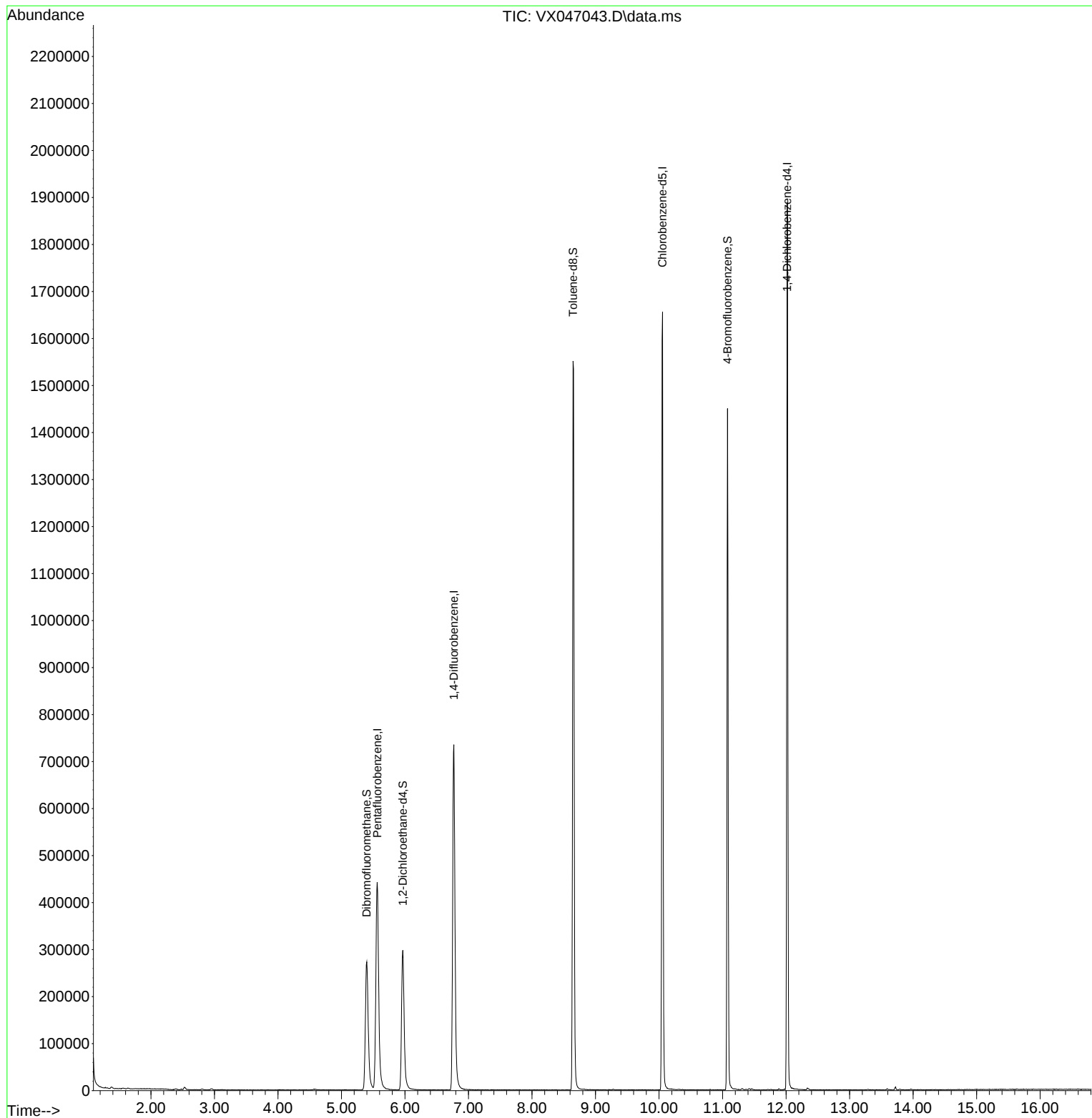
Target Compounds	Qvalue

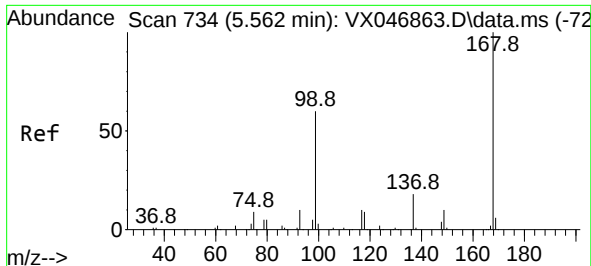
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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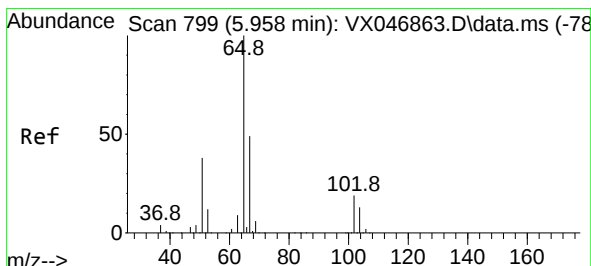
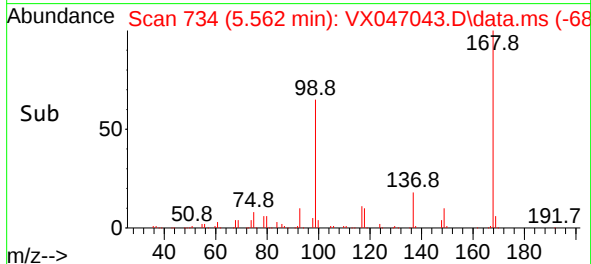
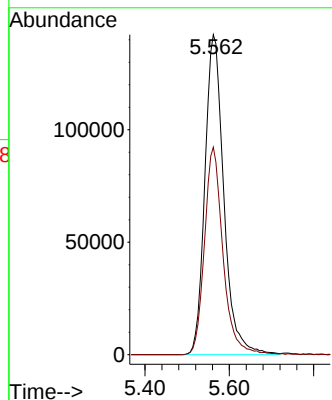
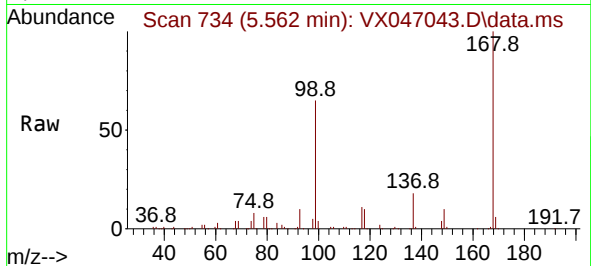




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047043.D
Acq: 18 Jul 2025 12:53

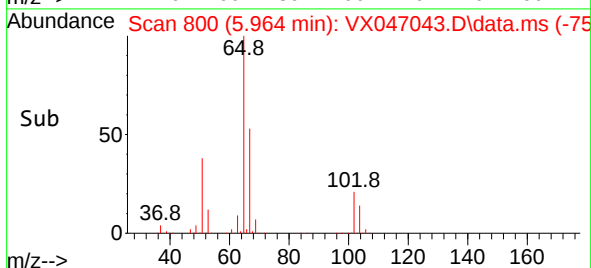
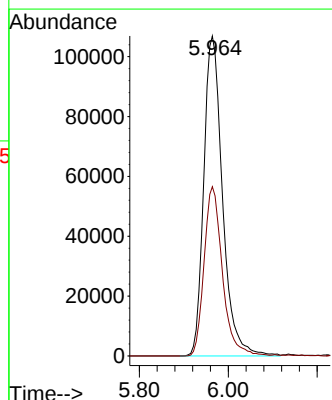
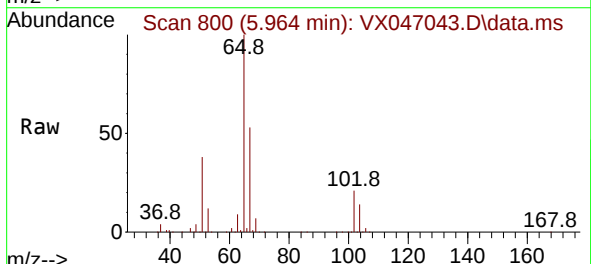
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

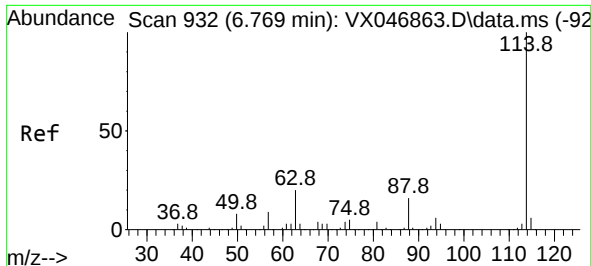
Tgt Ion:168 Resp: 444252
Ion Ratio Lower Upper
168 100
99 64.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.596 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047043.D
Acq: 18 Jul 2025 12:53

Tgt Ion: 65 Resp: 314556
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

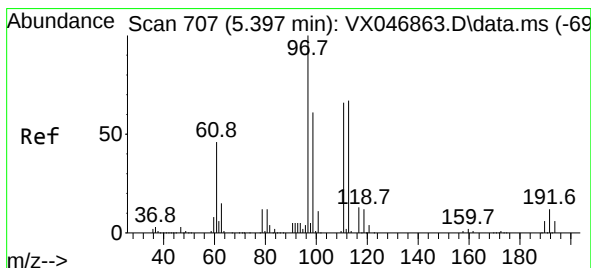
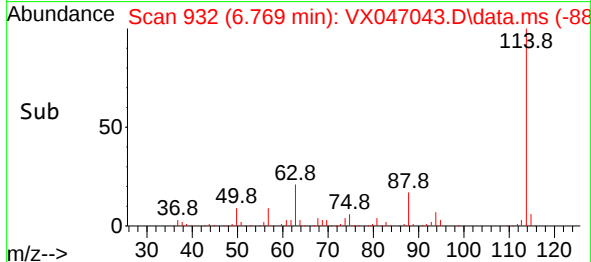
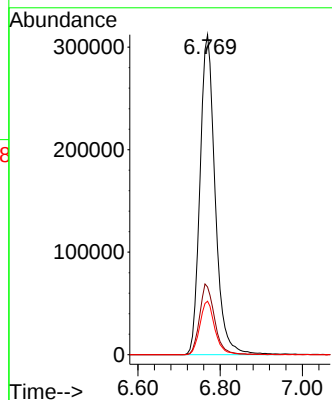
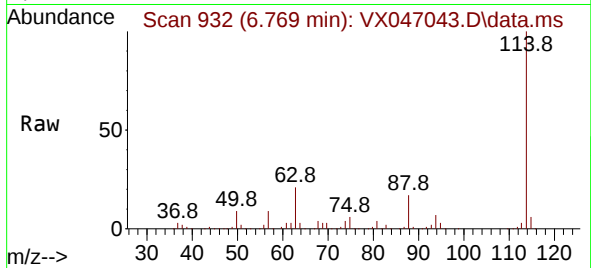




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047043.D
Acq: 18 Jul 2025 12:53

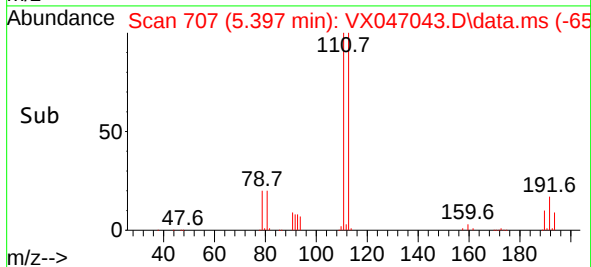
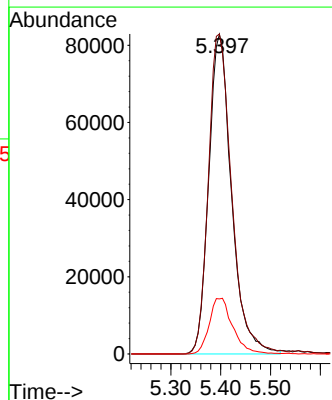
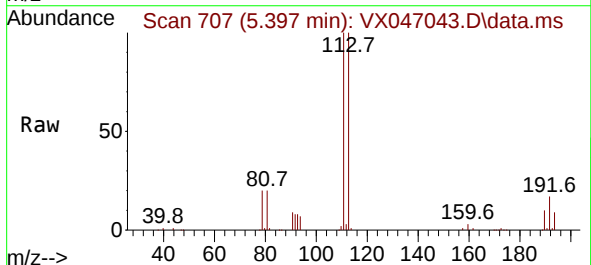
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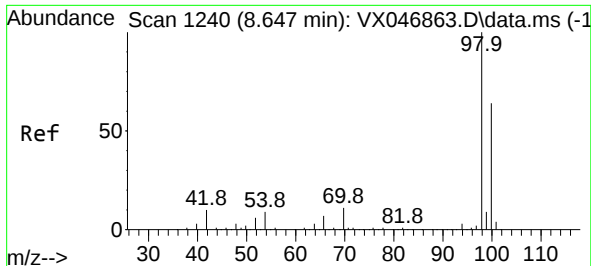
Tgt Ion:114 Resp: 798410
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.4
88 16.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.480 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047043.D
Acq: 18 Jul 2025 12:53

Tgt Ion:113 Resp: 262742
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 18.0 15.3 22.9

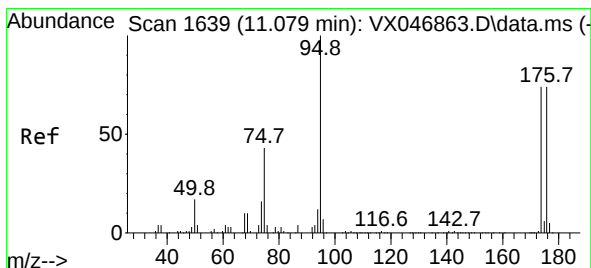
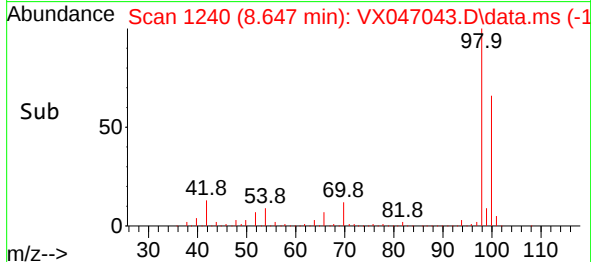
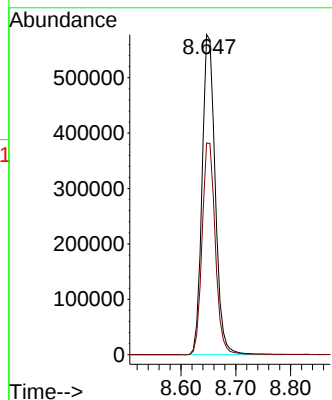
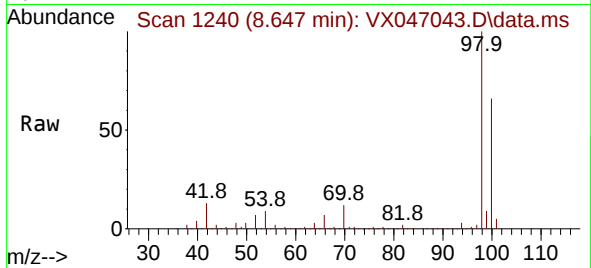




#50
Toluene-d8
Concen: 50.145 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047043.D
Acq: 18 Jul 2025 12:53

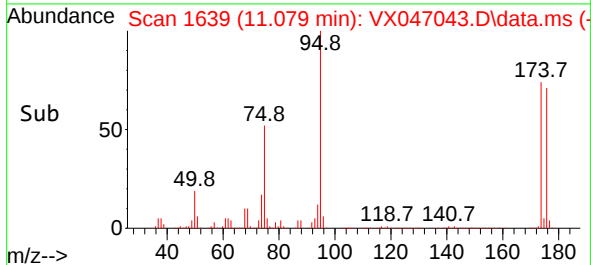
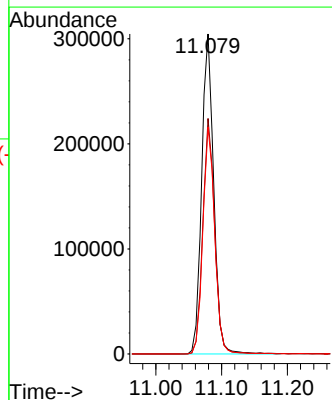
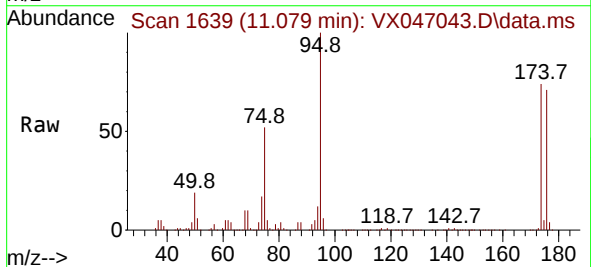
Instrument :
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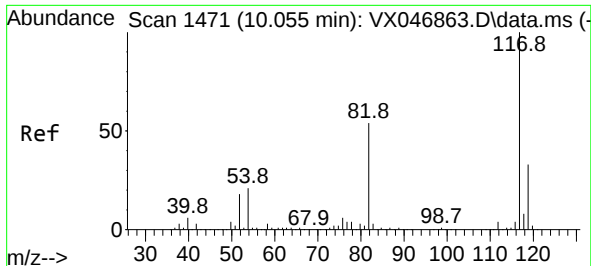
Tgt Ion: 98 Resp: 958845
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 53.186 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047043.D
Acq: 18 Jul 2025 12:53

Tgt Ion: 95 Resp: 386518
Ion Ratio Lower Upper
95 100
174 72.8 0.0 152.0
176 70.0 0.0 145.2

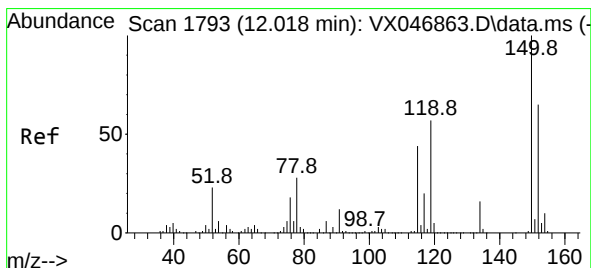
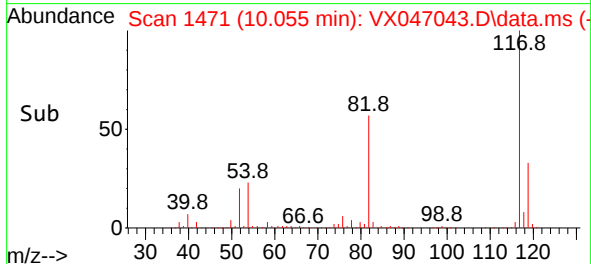
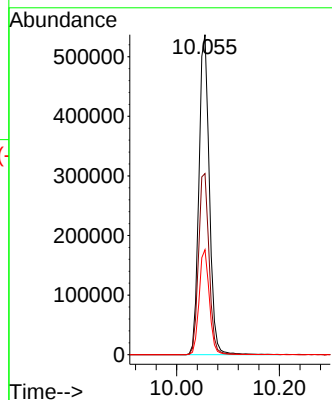
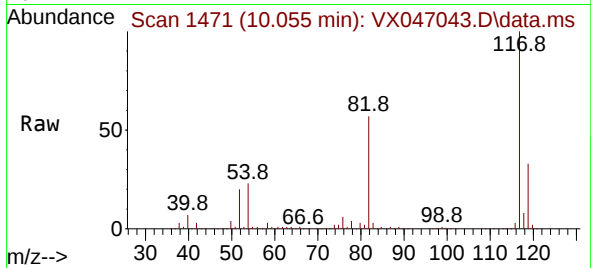




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047043.D
Acq: 18 Jul 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 753659
Ion Ratio Lower Upper
117 100
82 56.6 43.3 64.9
119 32.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047043.D
Acq: 18 Jul 2025 12:53

Tgt Ion:152 Resp: 369033
Ion Ratio Lower Upper
152 100
115 61.9 42.4 127.1
150 157.5 0.0 349.2

