

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046942.D
 Acq On : 10 Jul 2025 14:21
 Operator : JC/MD
 Sample : Q2554-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 250709059-11 Trip blank

Quant Time: Jul 11 01:30:07 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	339396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	600517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	555080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	279121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	244408	54.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.020%	
35) Dibromofluoromethane	5.397	113	201406	49.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.820%	
50) Toluene-d8	8.653	98	722653	50.247	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	11.079	95	275498	50.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.800%	

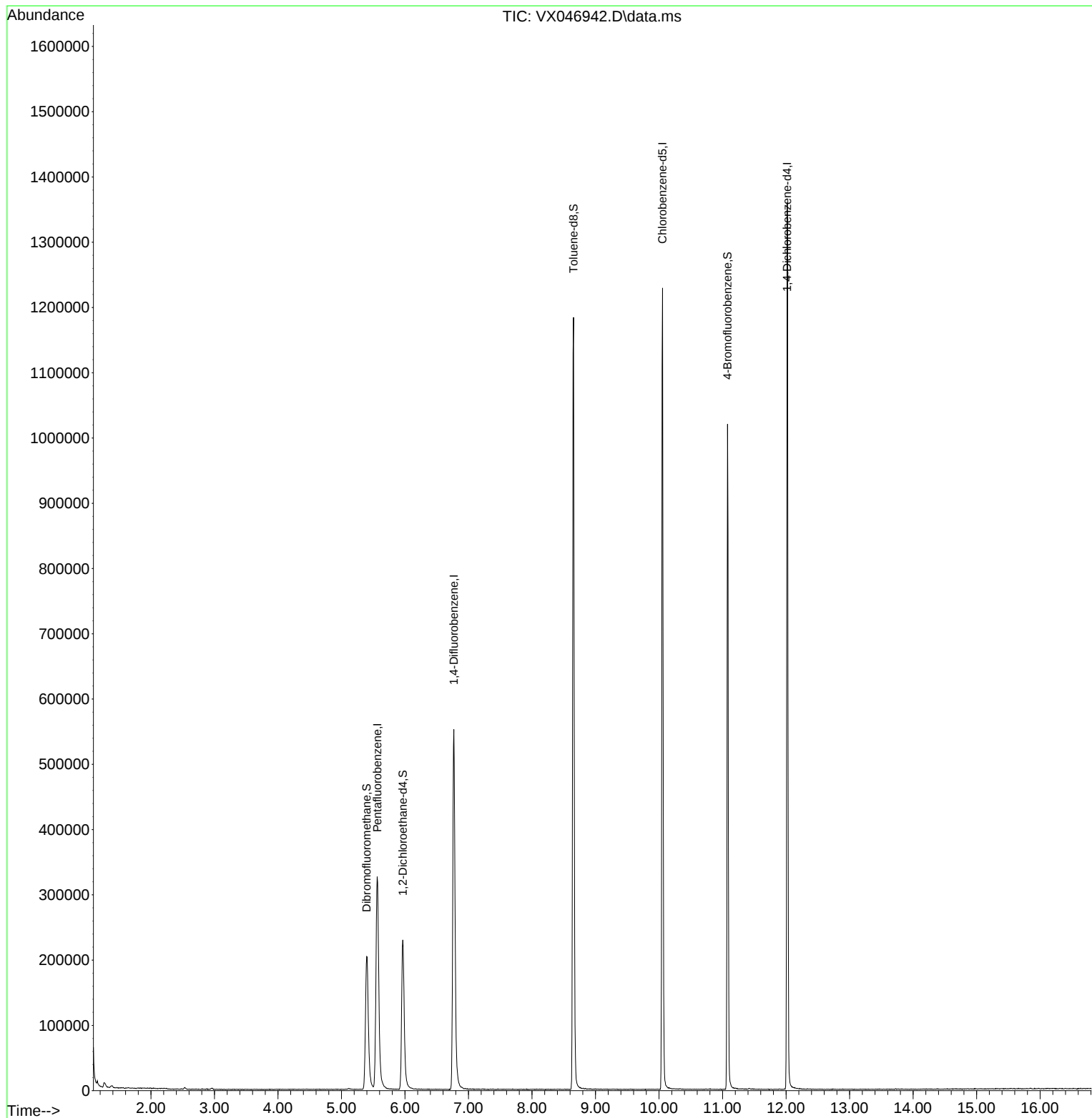
Target Compounds	Qvalue

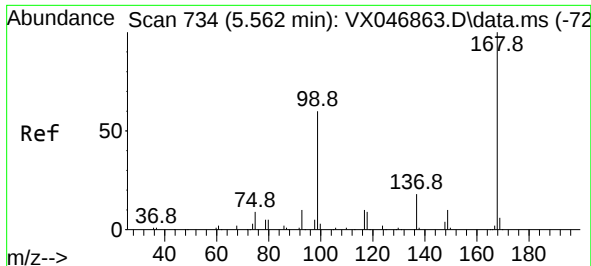
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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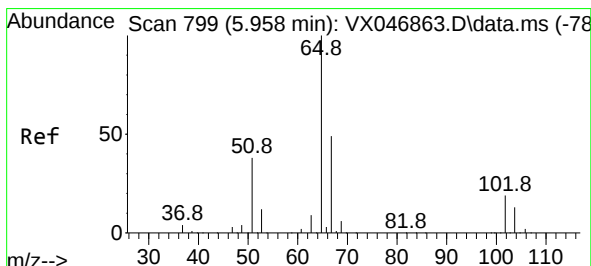
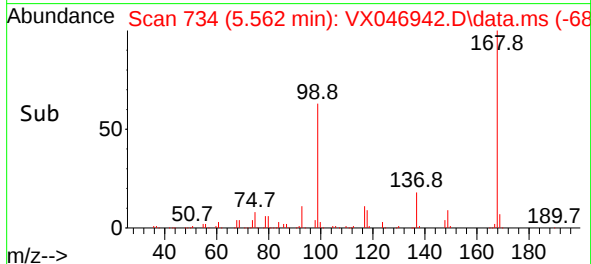
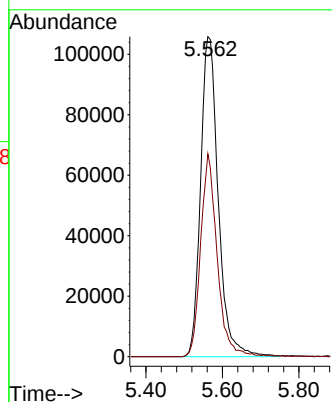
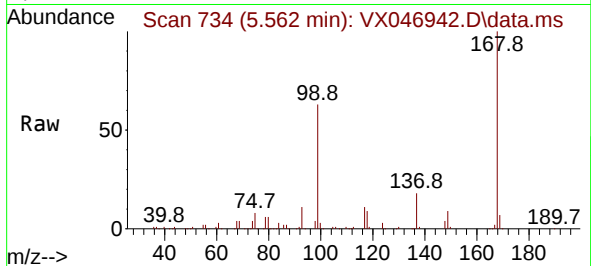




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

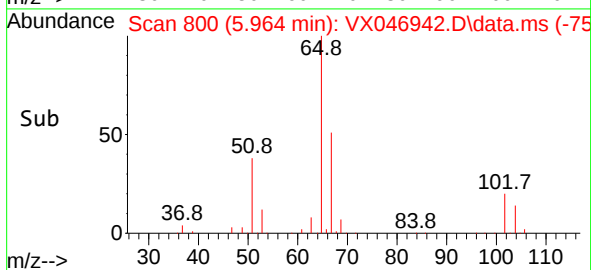
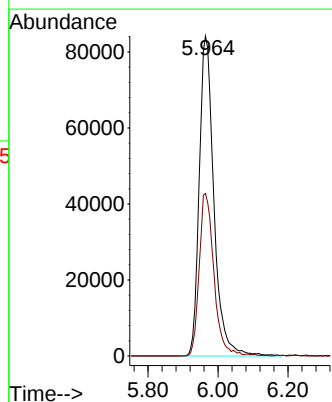
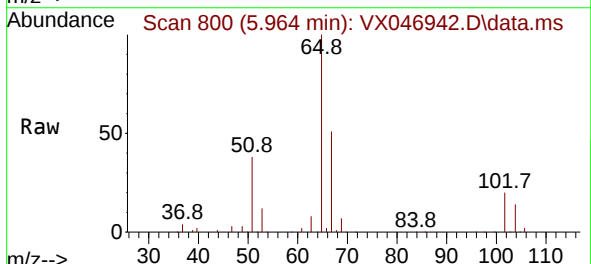
Instrument :
MSVOA_X
ClientSampleId :
250709059-11 Trip blank

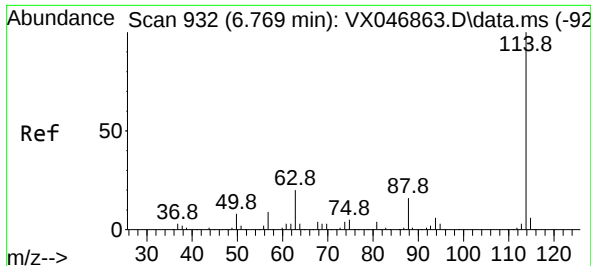
Tgt Ion:168 Resp: 339396
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.510 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion: 65 Resp: 244408
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.2

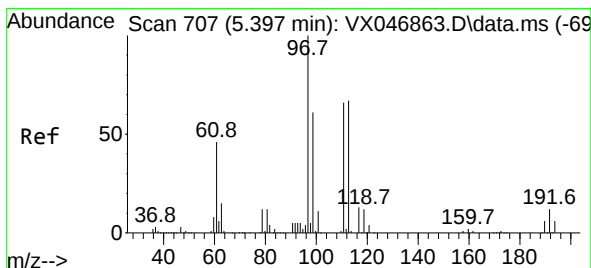
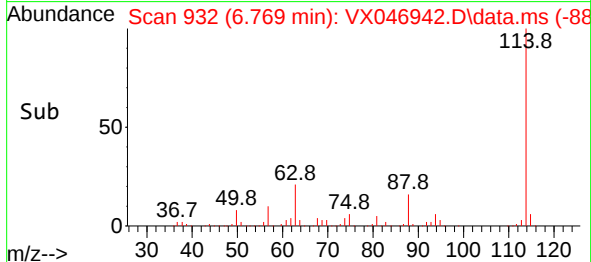
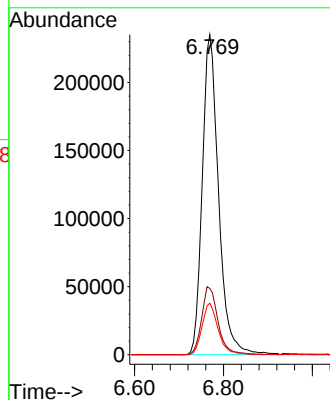
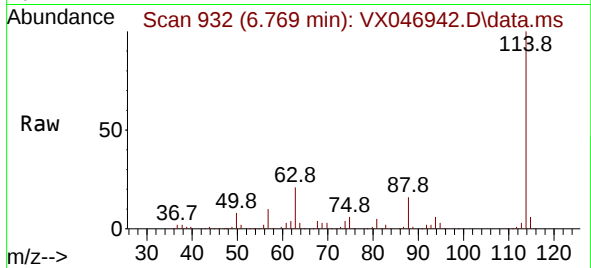




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

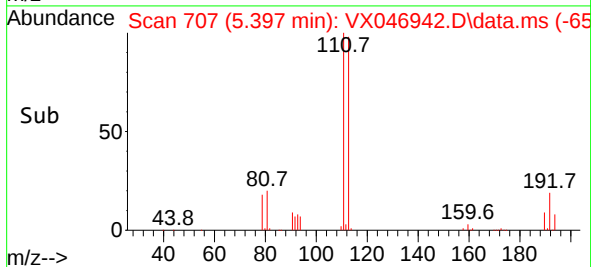
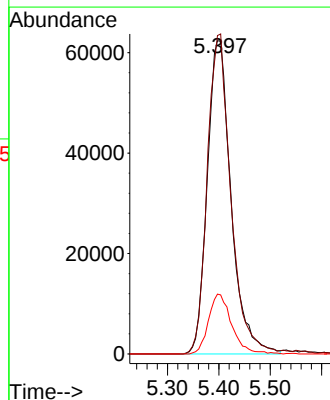
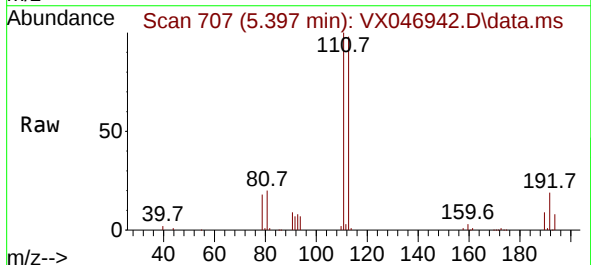
Instrument :
MSVOA_X
ClientSampleId :
250709059-11 Trip blank

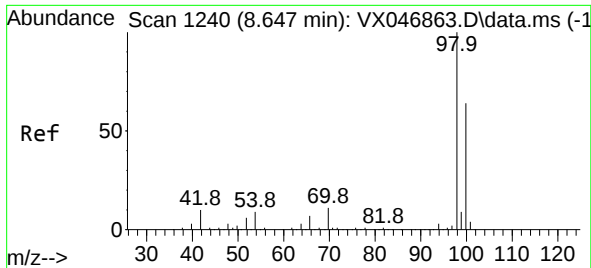
Tgt Ion:114 Resp: 600517
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.4
88 16.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.409 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion:113 Resp: 201406
Ion Ratio Lower Upper
113 100
111 100.4 81.2 121.8
192 18.6 15.3 22.9

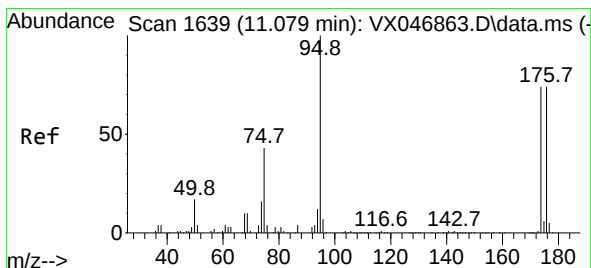
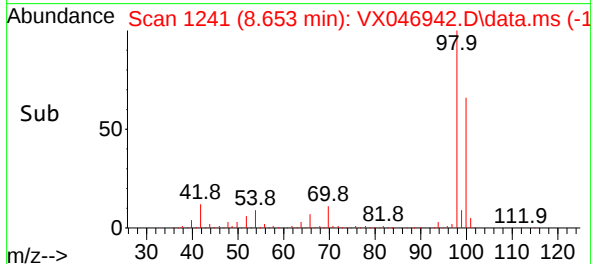
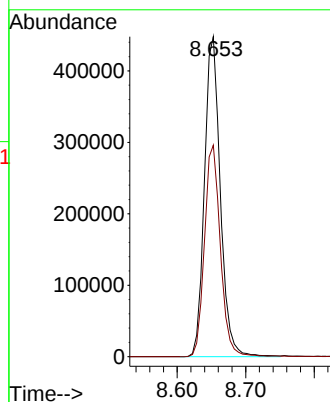
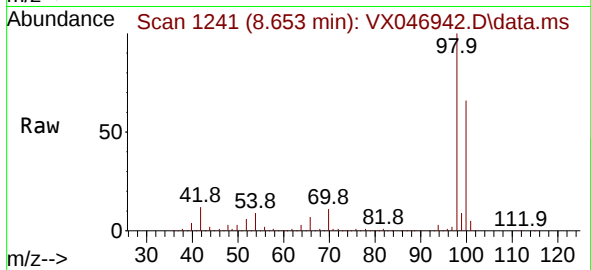




#50
Toluene-d8
Concen: 50.247 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

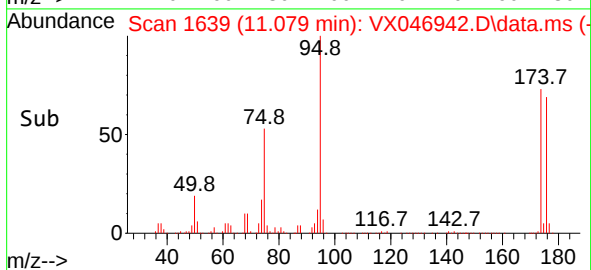
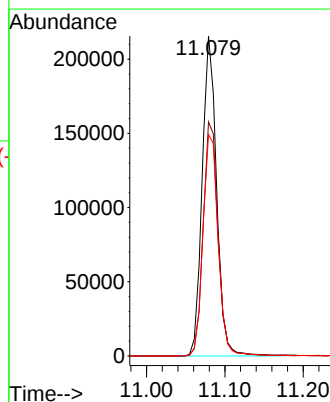
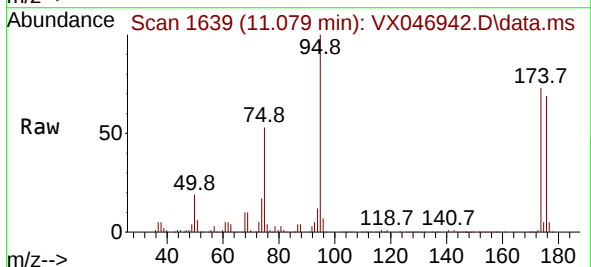
Instrument :
MSVOA_X
ClientSampleId :
250709059-11 Trip blank

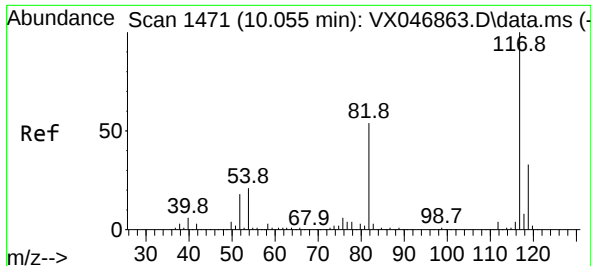
Tgt Ion: 98 Resp: 722653
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion: 95 Resp: 275498
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.0
176 72.9 0.0 145.2

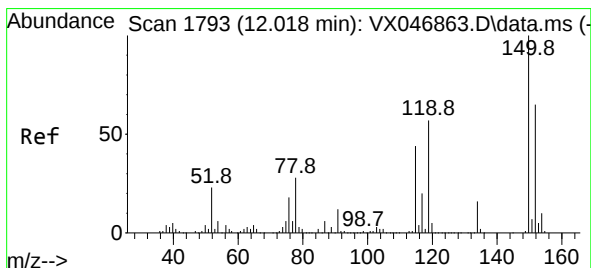
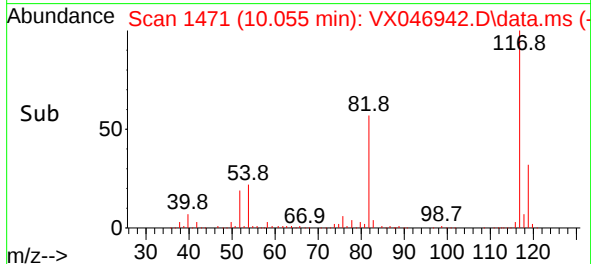
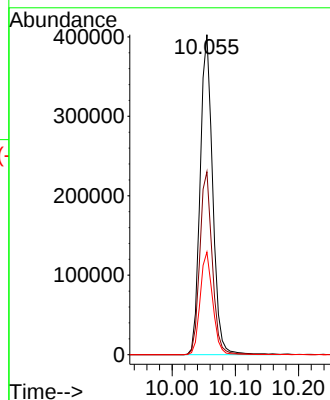
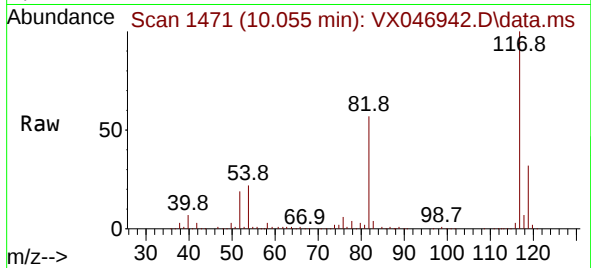




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046942.D
Acq: 10 Jul 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
250709059-11 Trip blank

Tgt Ion:117 Resp: 555080
Ion Ratio Lower Upper
117 100
82 57.1 43.3 64.9
119 32.0 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: VX046942.D
Acq: 10 Jul 2025 14:21

Tgt Ion:152 Resp: 279121
Ion Ratio Lower Upper
152 100
115 61.0 42.4 127.1
150 157.8 0.0 349.2

