

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046349.D
 Acq On : 23 May 2025 16:49
 Operator : JC/MD
 Sample : Q2114-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: May 23 23:04:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	61866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62190	53.920	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.840%
35) Dibromofluoromethane	5.379	113	45440	51.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	8.647	98	155329	50.554	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.100%
62) 4-Bromofluorobenzene	11.079	95	59792	50.732	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.460%

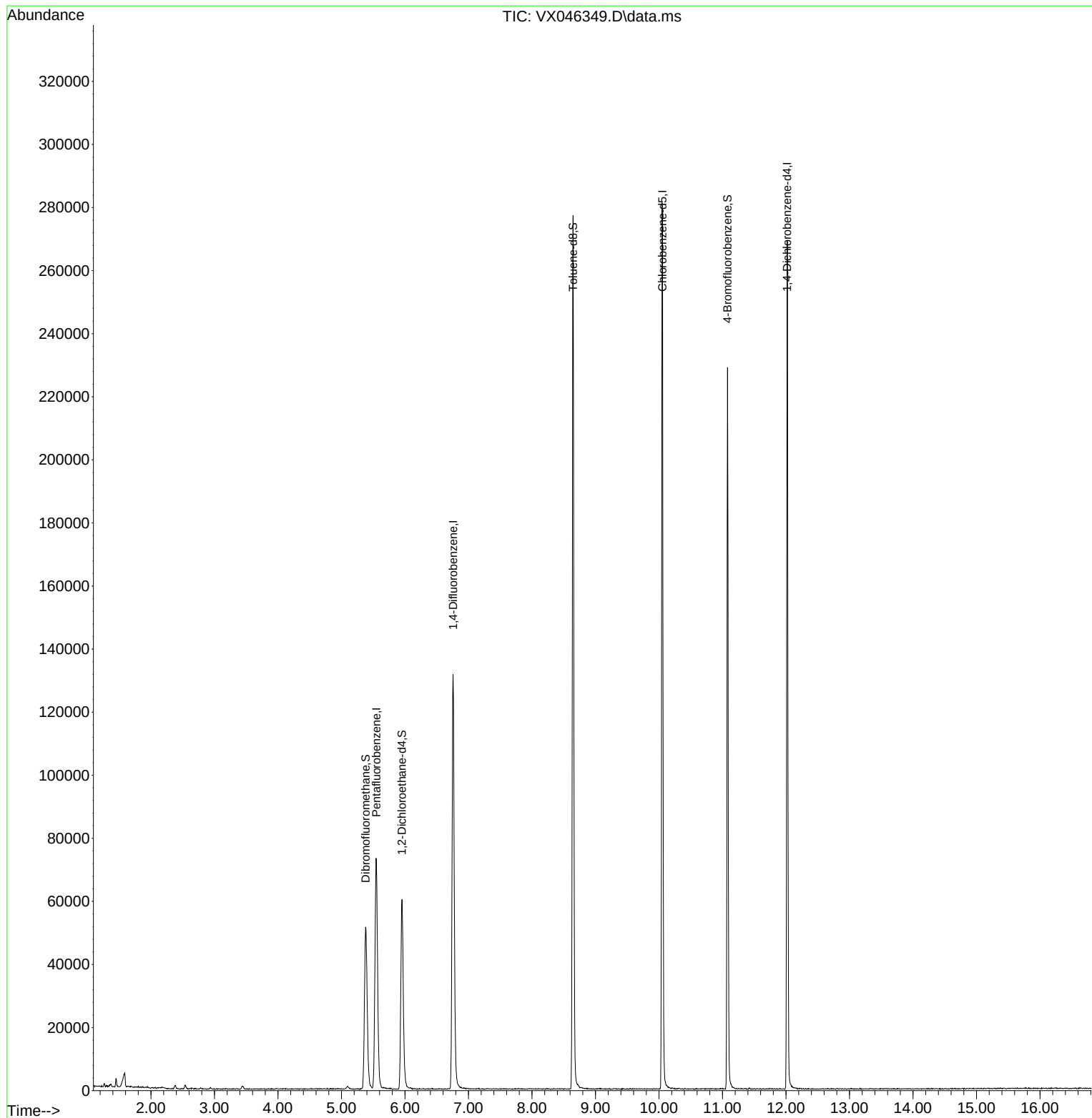
Target Compounds	Qvalue

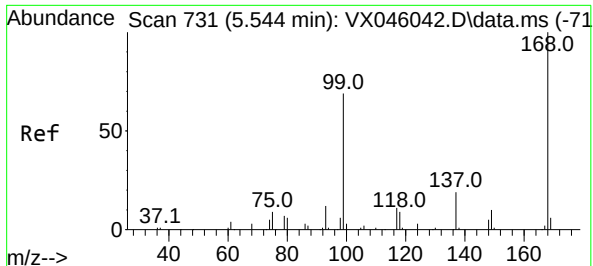
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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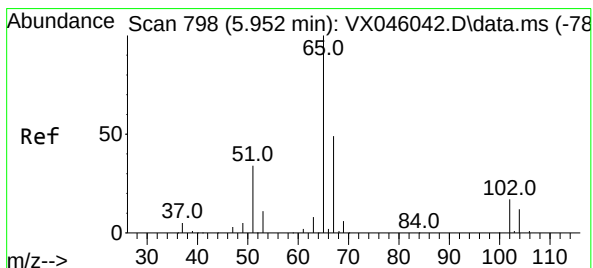
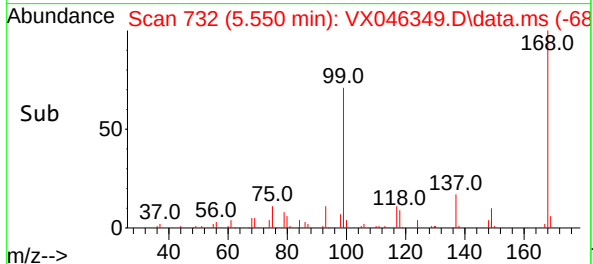
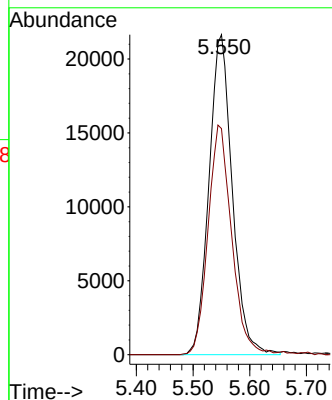
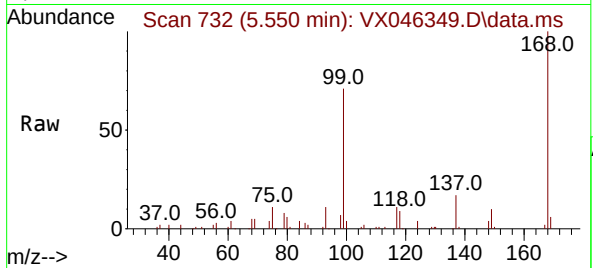




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

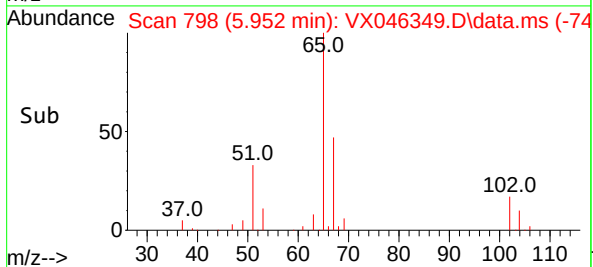
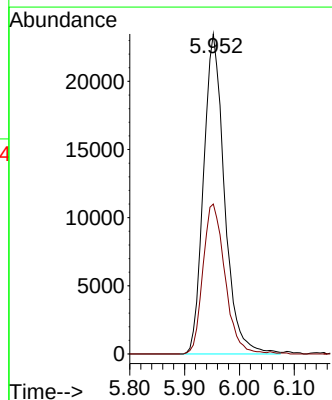
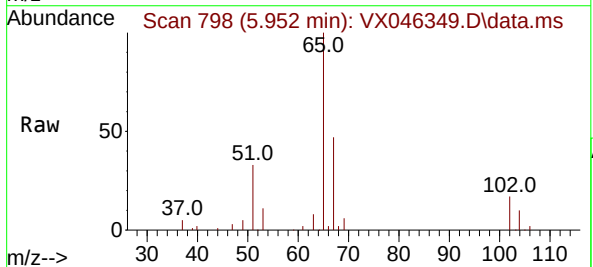
Instrument :
MSVOA_X
ClientSampleId :
FB

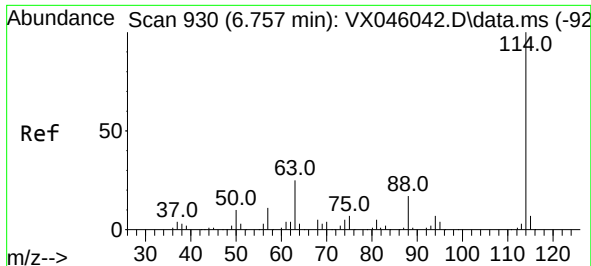
Tgt Ion:168 Resp: 61866
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.920 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 65 Resp: 62190
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

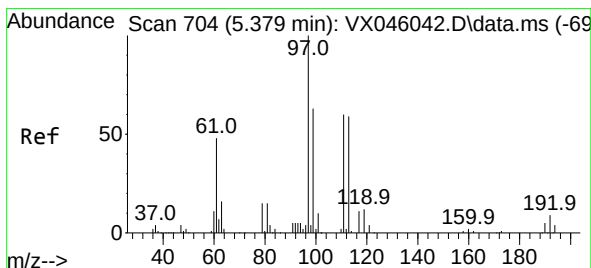
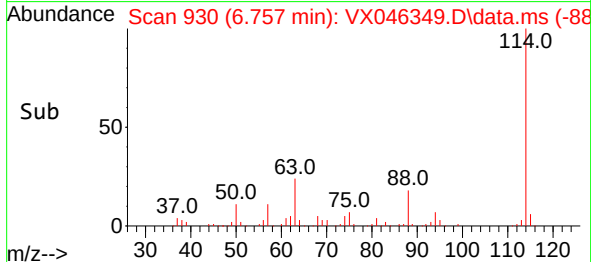
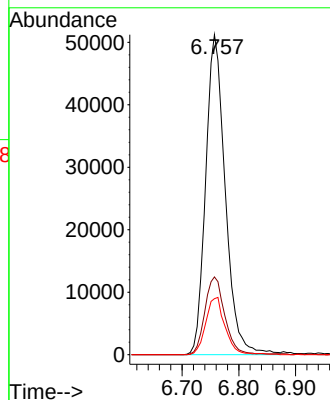
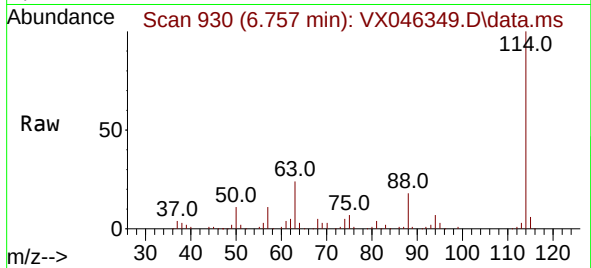




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

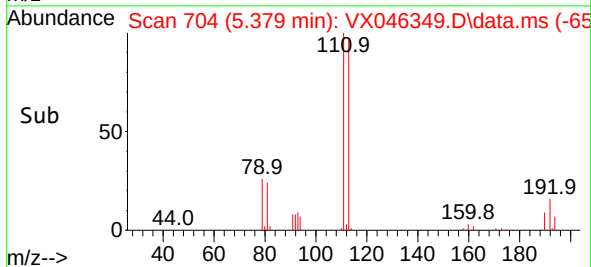
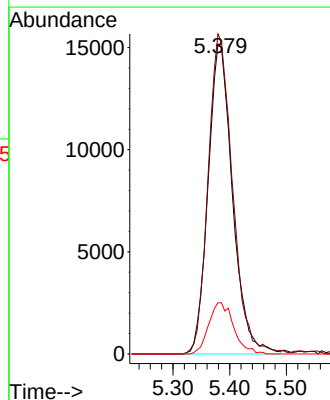
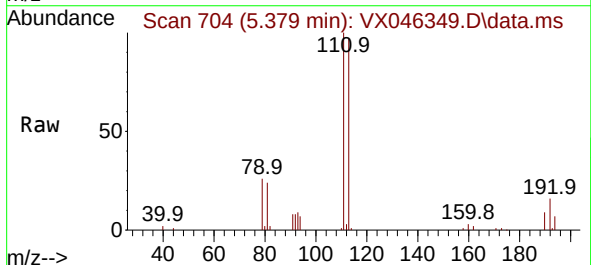
Instrument :
MSVOA_X
ClientSampleId :
FB

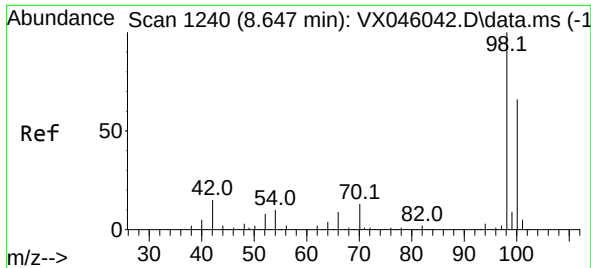
Tgt Ion:114 Resp: 123278
Ion Ratio Lower Upper
114 100
63 24.3 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.187 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion:113 Resp: 45440
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 16.9 13.3 19.9

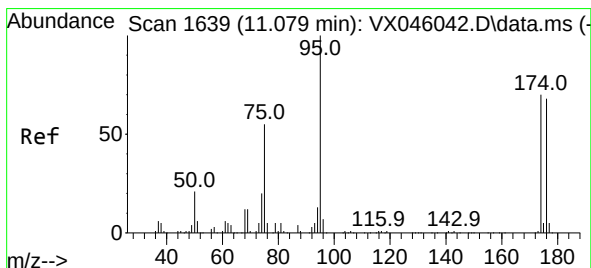
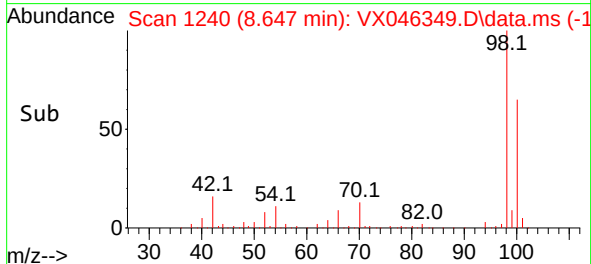
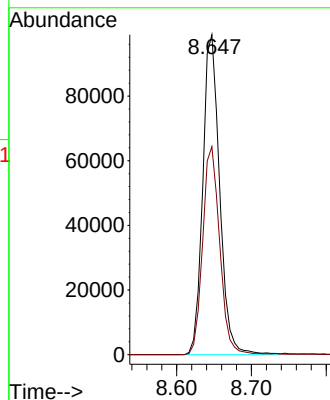
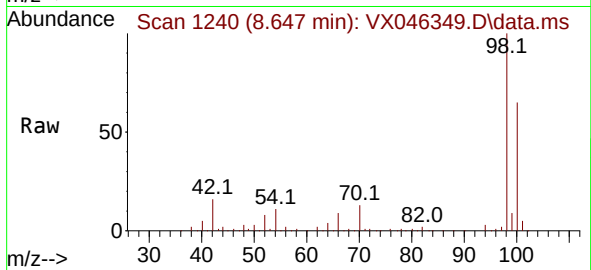




#50
Toluene-d8
Concen: 50.554 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

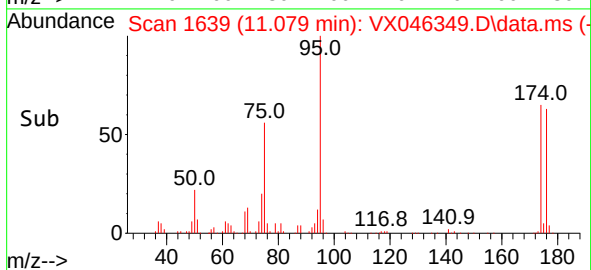
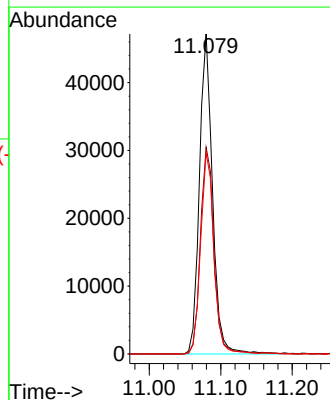
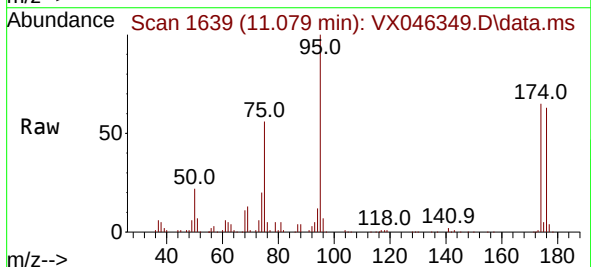
Instrument :
MSVOA_X
ClientSampleId :
FB

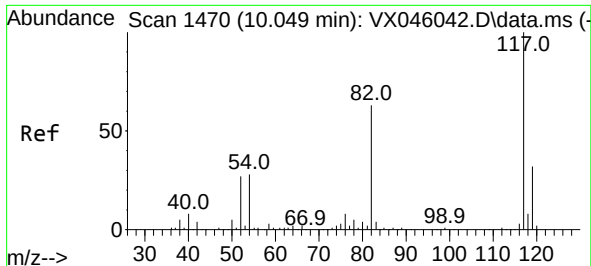
Tgt Ion: 98 Resp: 155329
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 95 Resp: 59792
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 63.4 0.0 131.4

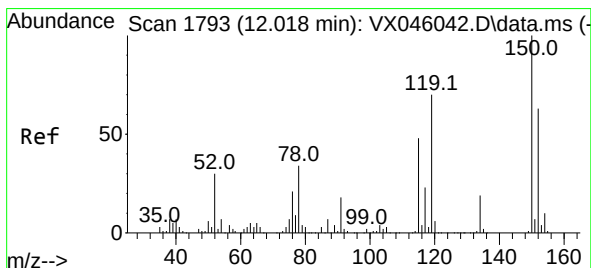
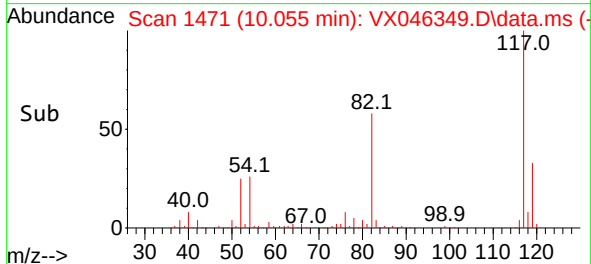
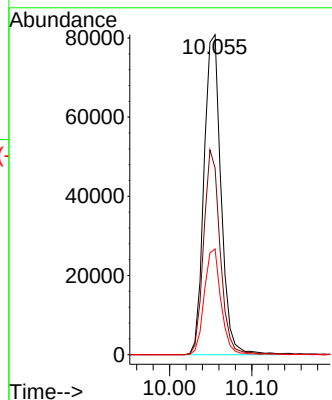
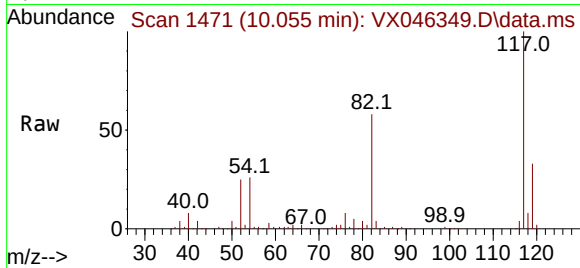




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:117 Resp: 116230
Ion Ratio Lower Upper
117 100
82 58.3 50.6 76.0
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion:152 Resp: 49600
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 154.2 0.0 351.0

