

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046292.D
 Acq On : 21 May 2025 13:09
 Operator : JC/MD
 Sample : Q2075-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-05152025

Quant Time: May 22 01:48:31 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	63566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52644	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63080	53.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.460%
35) Dibromofluoromethane	5.385	113	44990	49.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	8.647	98	159992	50.671	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.340%
62) 4-Bromofluorobenzene	11.079	95	63027	52.039	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.080%

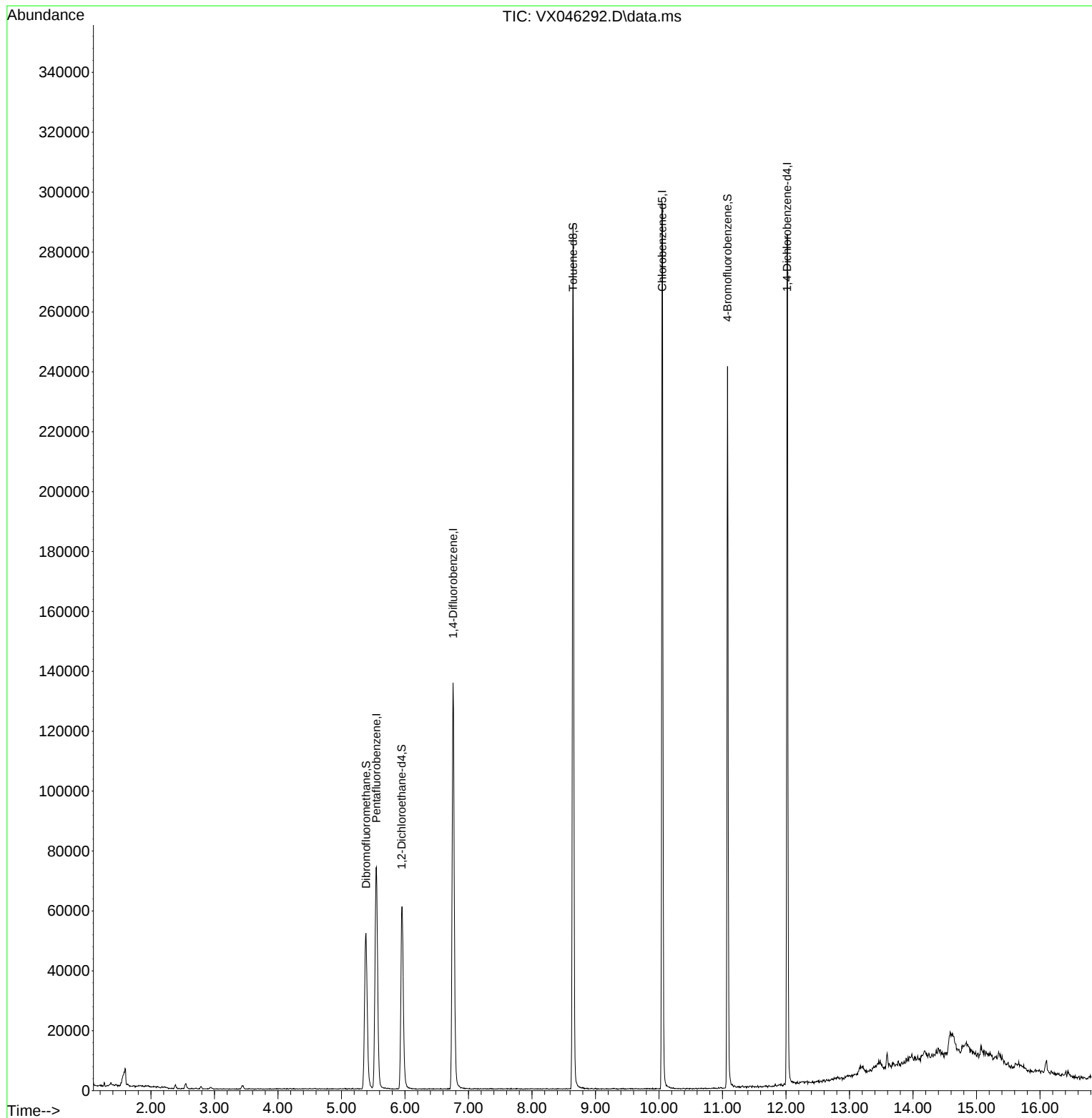
Target Compounds	Qvalue

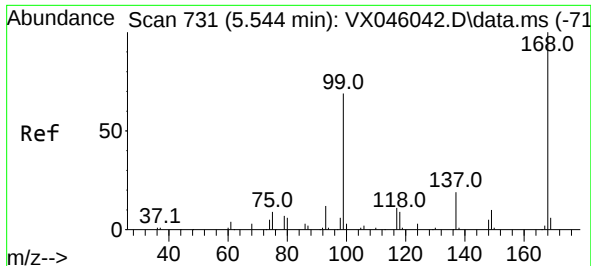
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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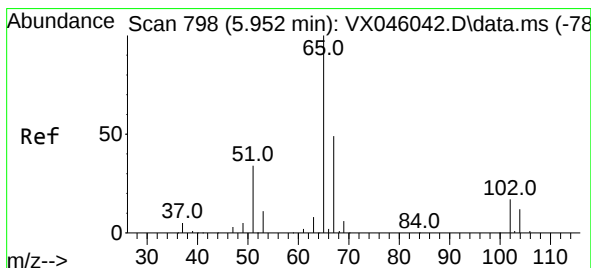
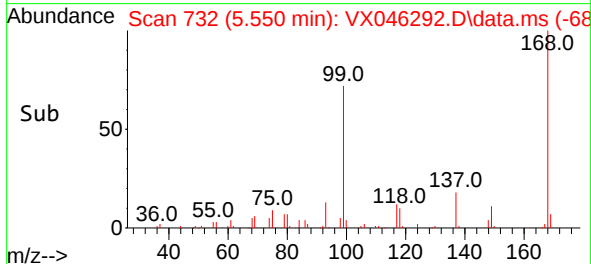
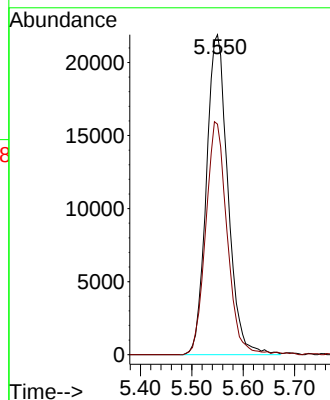
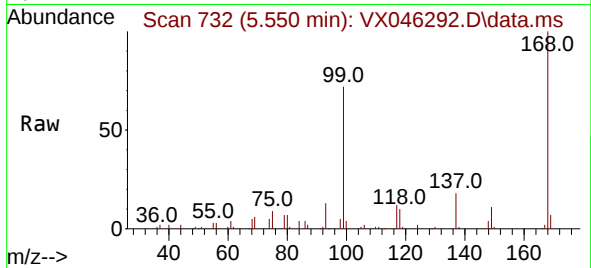




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

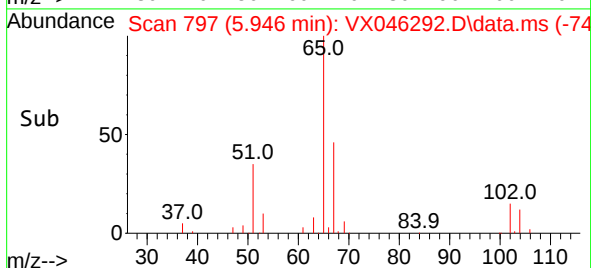
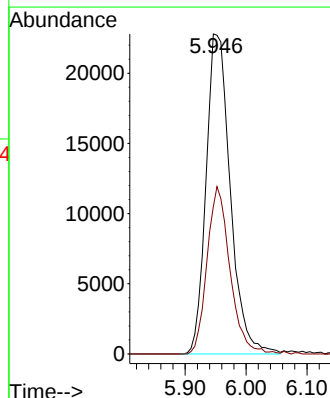
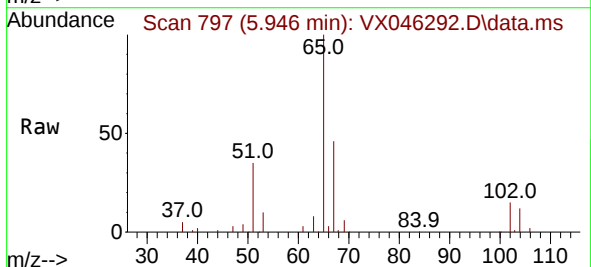
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

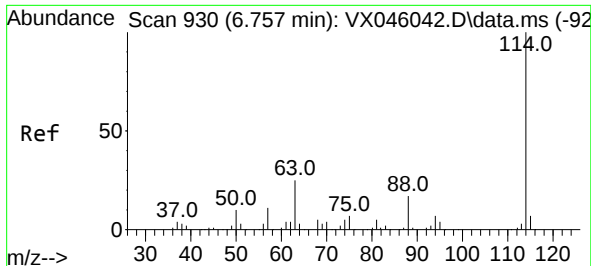
Tgt Ion:168 Resp: 63566
Ion Ratio Lower Upper
168 100
99 72.1 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.229 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion: 65 Resp: 63080
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

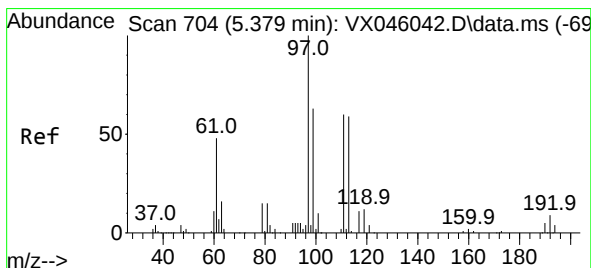
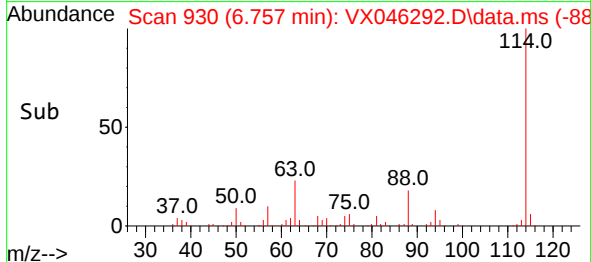
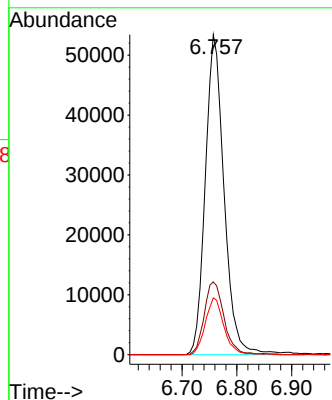
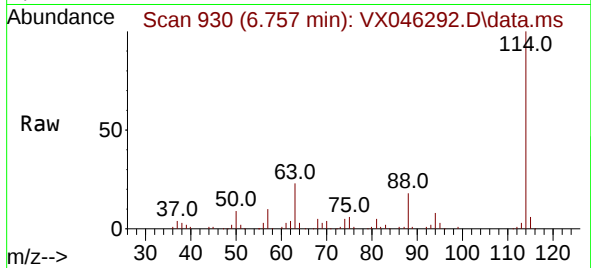




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX046292.D
 Acq: 21 May 2025 13:09

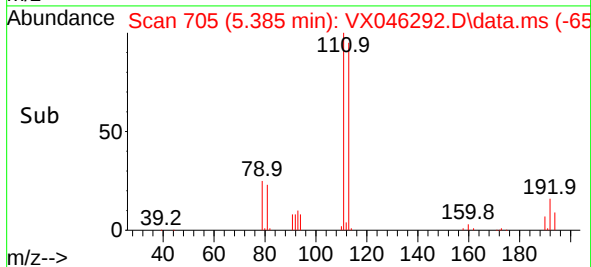
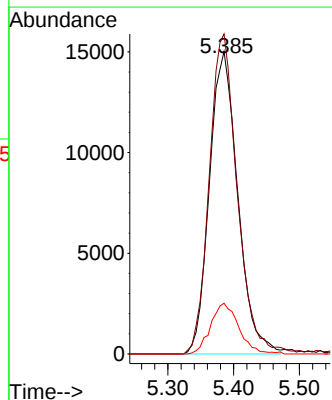
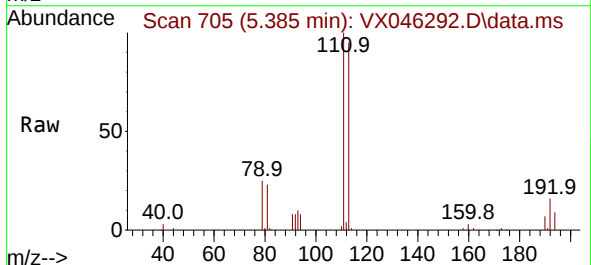
Instrument :
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 ClientSampleId :
 FB-05152025

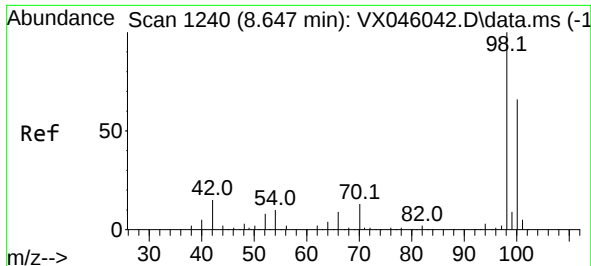
Tgt Ion:114 Resp: 126684
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 49.2
 88 17.7 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 49.317 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX046292.D
 Acq: 21 May 2025 13:09

Tgt Ion:113 Resp: 44990
 Ion Ratio Lower Upper
 113 100
 111 104.8 83.1 124.7
 192 16.7 13.3 19.9

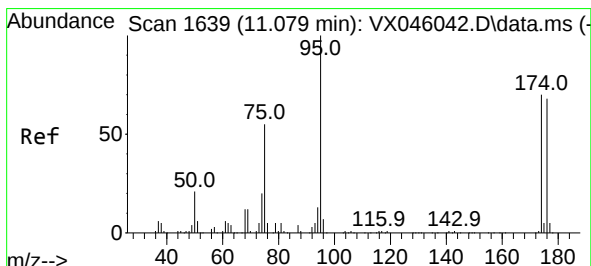
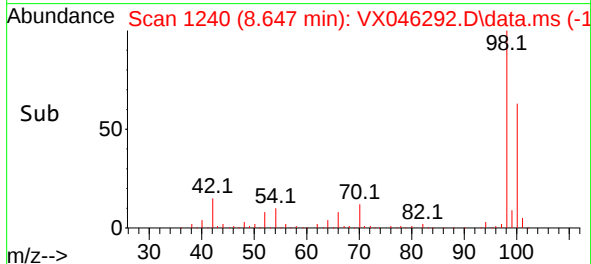
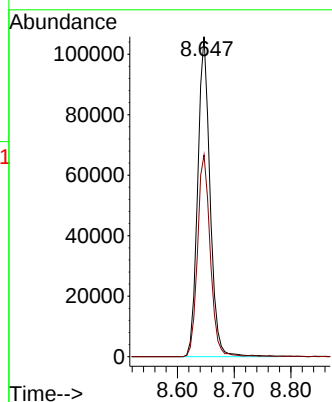
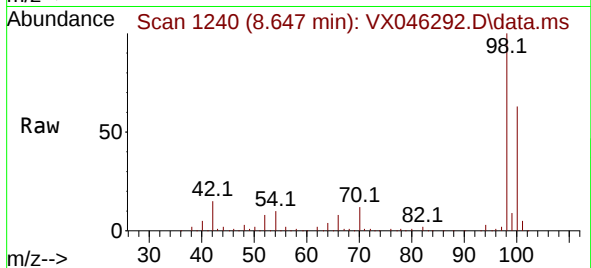




#50
Toluene-d8
Concen: 50.671 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

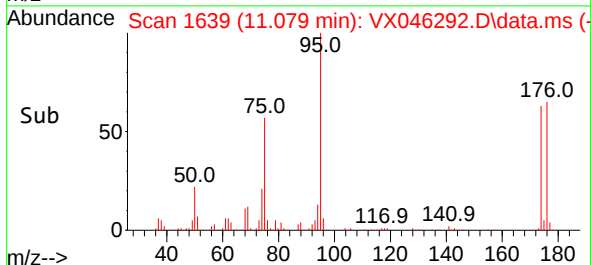
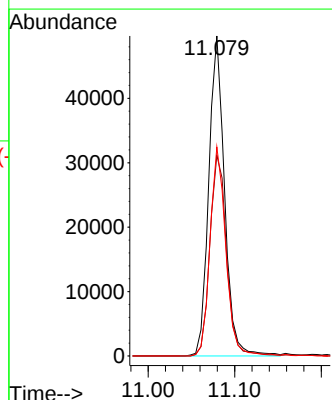
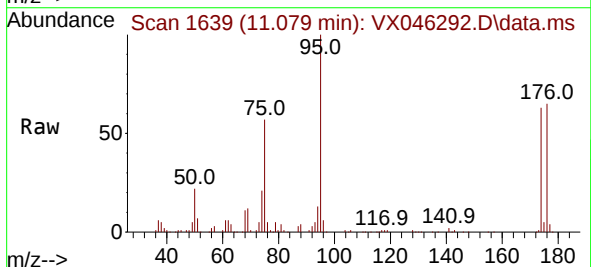
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

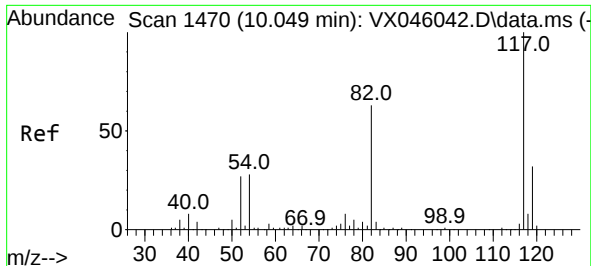
Tgt Ion: 98 Resp: 159992
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion: 95 Resp: 63027
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 65.5 0.0 131.4

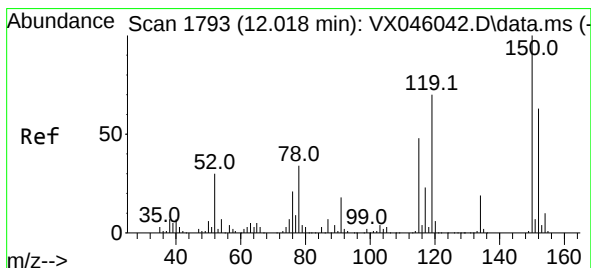
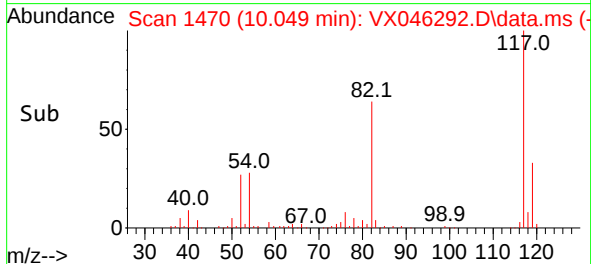
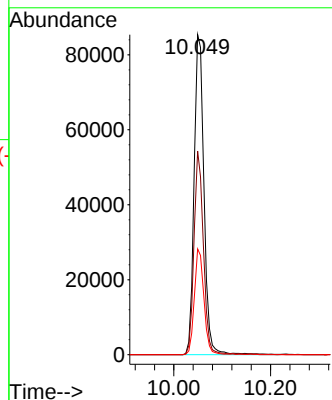
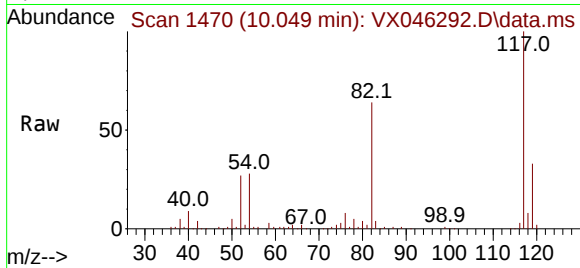




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

Tgt Ion:117 Resp: 120601
Ion Ratio Lower Upper
117 100
82 63.7 50.6 76.0
119 33.0 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: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion:152 Resp: 52644
Ion Ratio Lower Upper
152 100
115 65.9 46.9 140.7
150 156.6 0.0 351.0

