

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046293.D
 Acq On : 21 May 2025 13:32
 Operator : JC/MD
 Sample : Q2075-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-05162025

Quant Time: May 22 01:48:55 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	67975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66150	52.199	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.400%
35) Dibromofluoromethane	5.385	113	48762	50.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.300%
50) Toluene-d8	8.647	98	169067	50.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	66765	51.716	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.440%

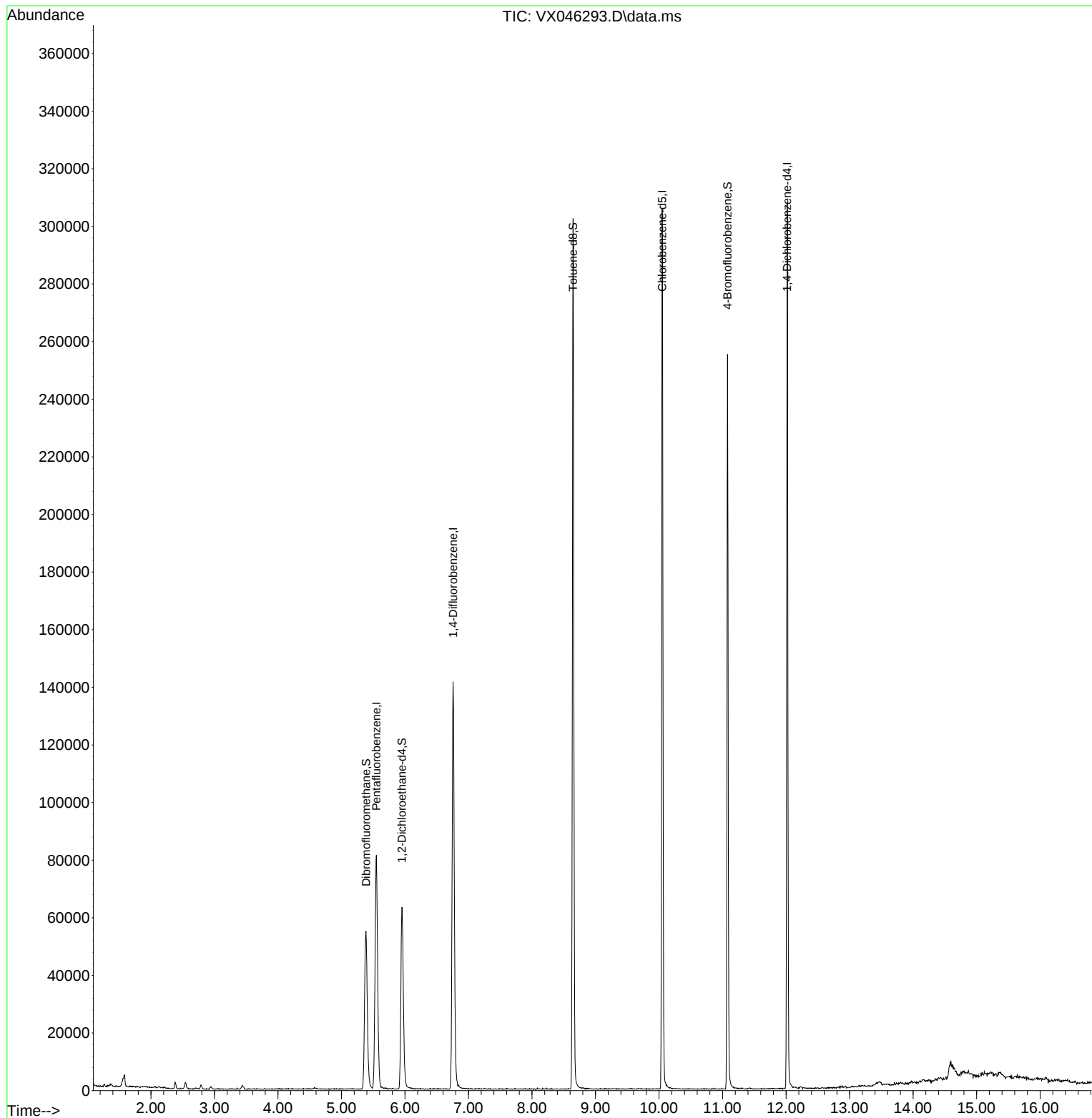
Target Compounds	Qvalue

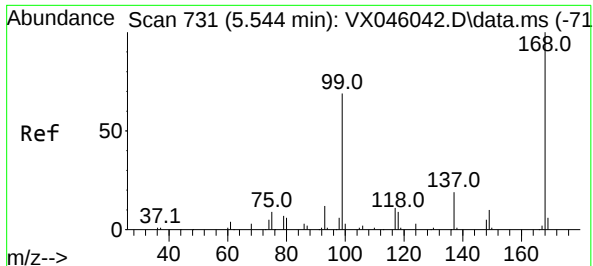
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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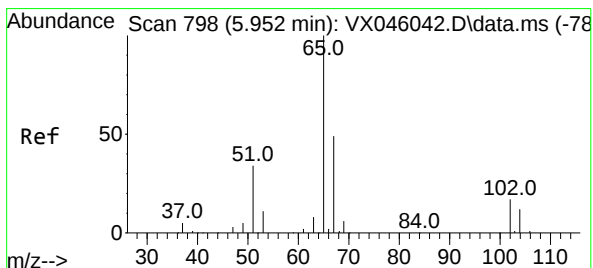
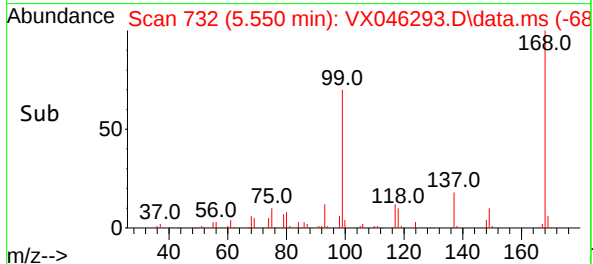
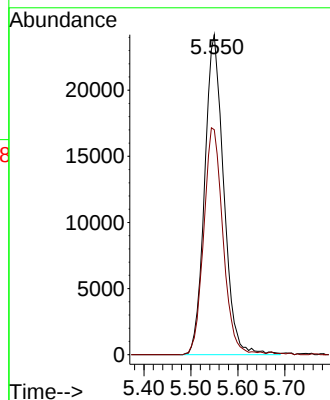
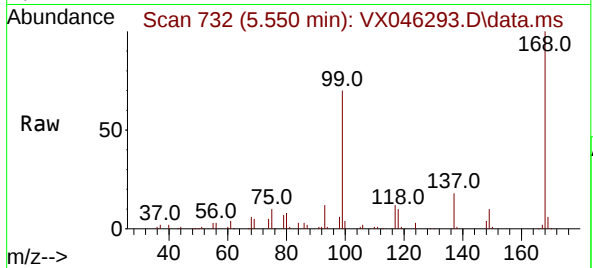




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

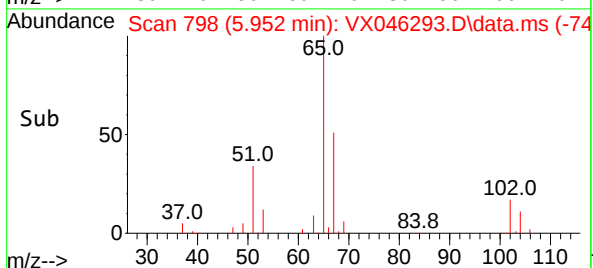
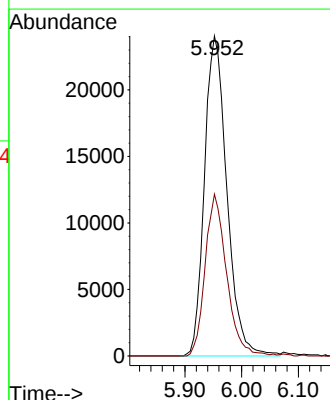
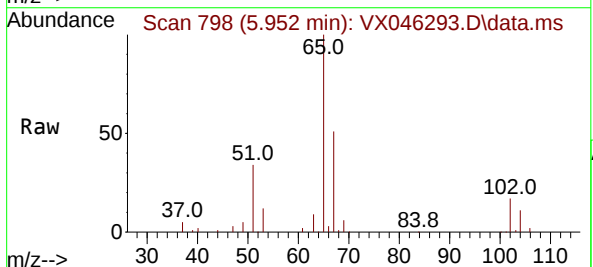
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

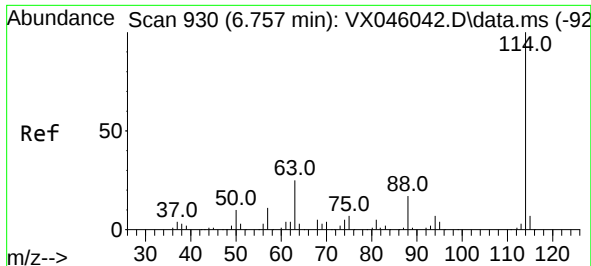
Tgt Ion:168 Resp: 67975
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 52.199 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion: 65 Resp: 66150
Ion Ratio Lower Upper
65 100
67 48.3 0.0 99.0

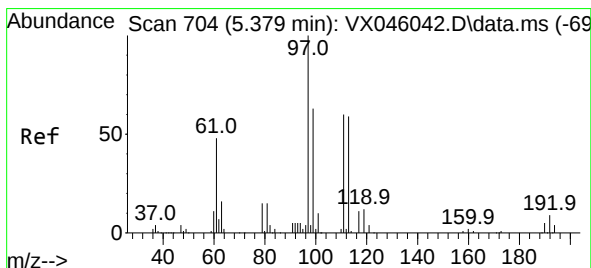
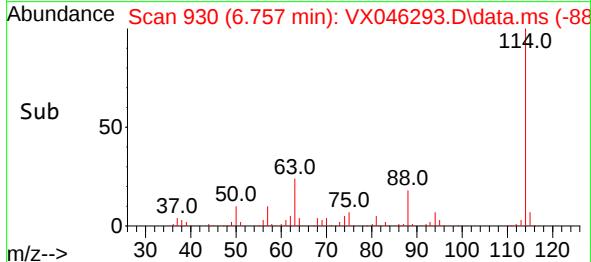
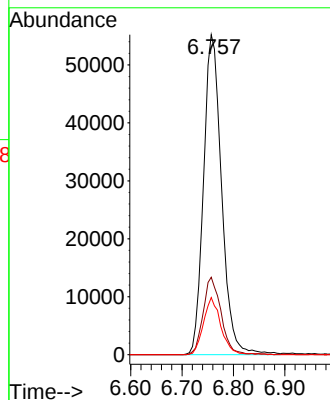
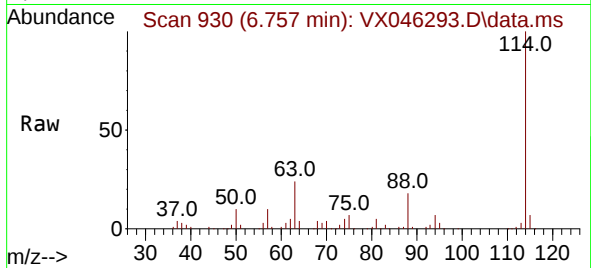




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX046293.D
 Acq: 21 May 2025 13:32

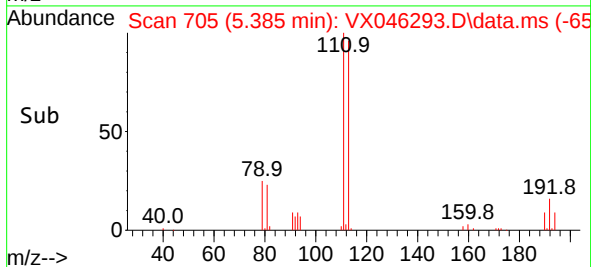
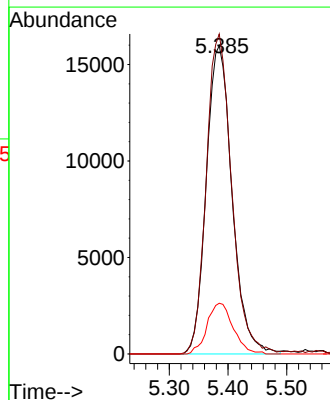
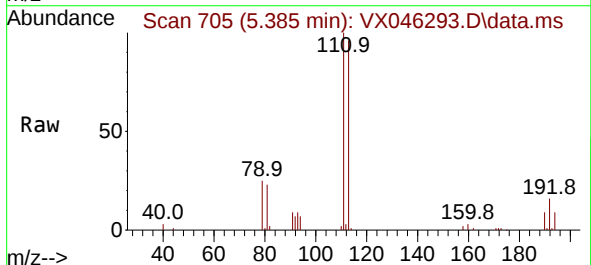
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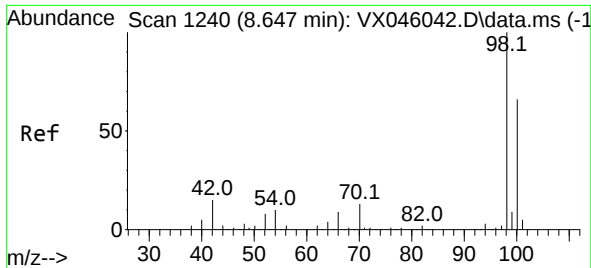
Tgt Ion:114 Resp: 135035
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 17.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.146 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX046293.D
 Acq: 21 May 2025 13:32

Tgt Ion:113 Resp: 48762
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.1 124.7
 192 16.6 13.3 19.9

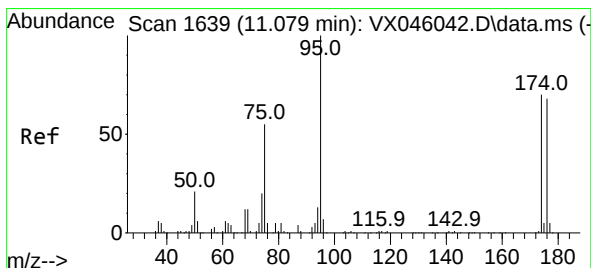
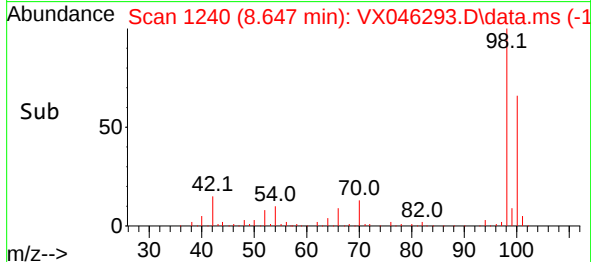
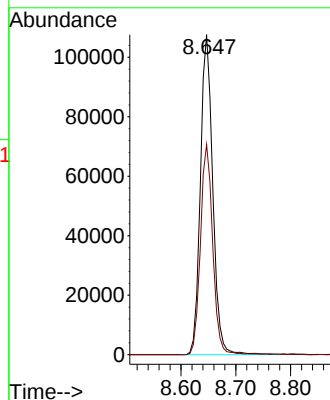
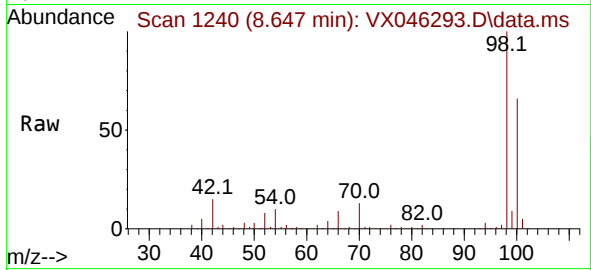




#50
Toluene-d8
Concen: 50.234 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

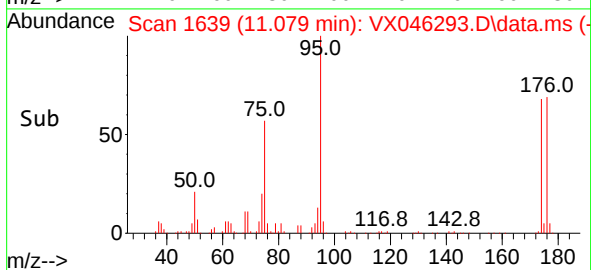
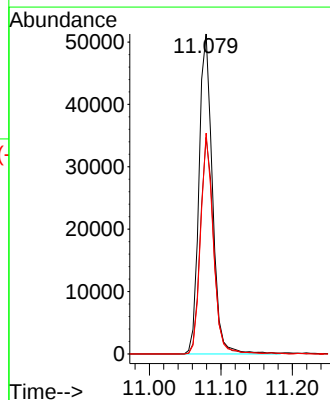
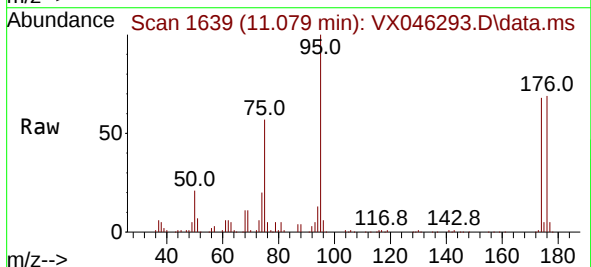
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

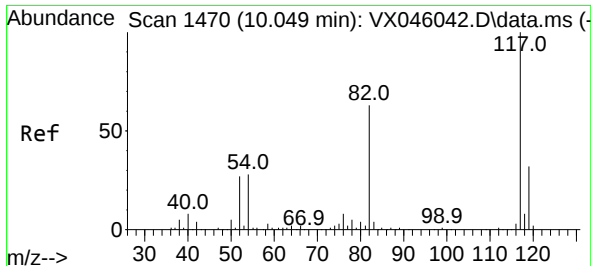
Tgt Ion: 98 Resp: 169067
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion: 95 Resp: 66765
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 65.1 0.0 131.4

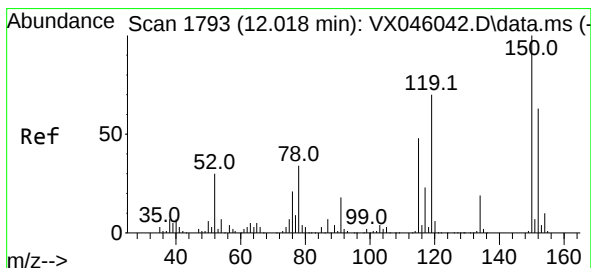
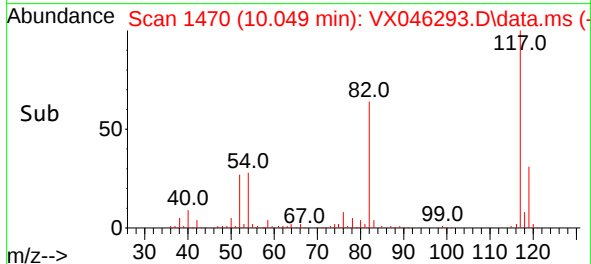
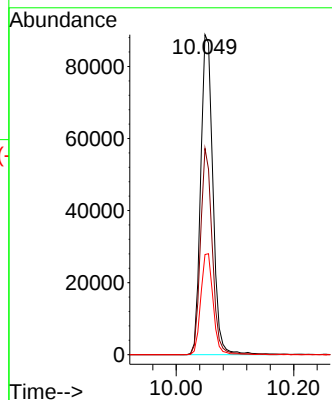
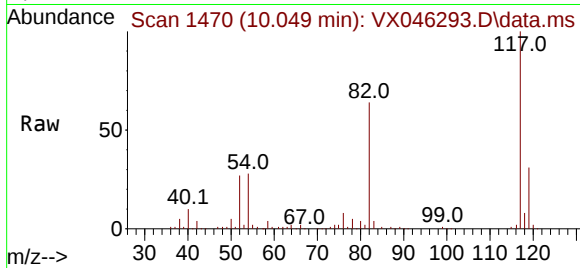




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

Tgt Ion:117 Resp: 128288
Ion Ratio Lower Upper
117 100
82 64.4 50.6 76.0
119 31.3 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: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion:152 Resp: 55957
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 158.4 0.0 351.0

