

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046184.D
 Acq On : 14 May 2025 11:13
 Operator : JC/MD
 Sample : Q1956-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 15 01:19:07 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	65765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66542	54.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.540%
35) Dibromofluoromethane	5.385	113	48536	51.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.060%
50) Toluene-d8	8.647	98	166585	50.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.079	95	62484	49.486	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.980%

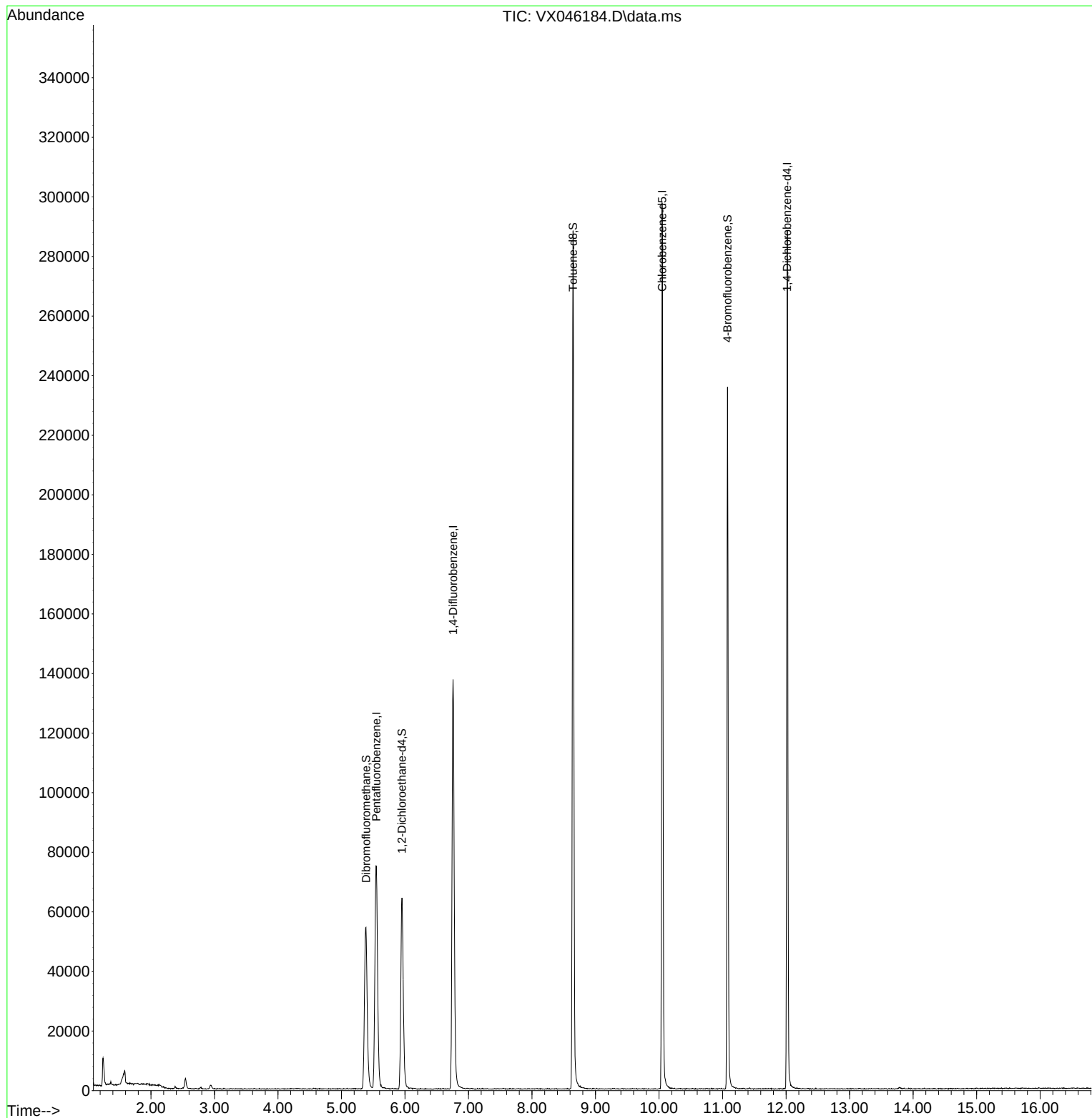
Target Compounds	Qvalue

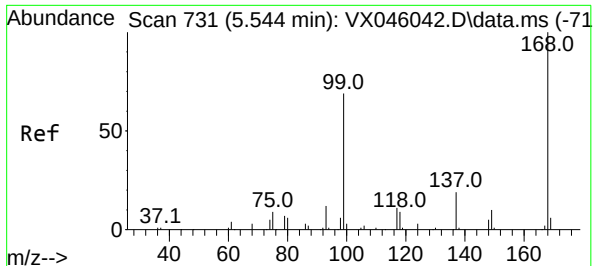
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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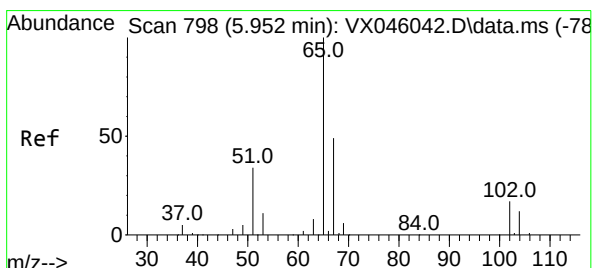
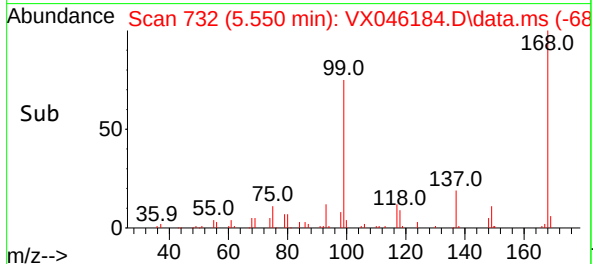
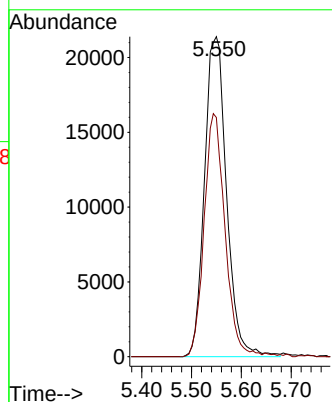
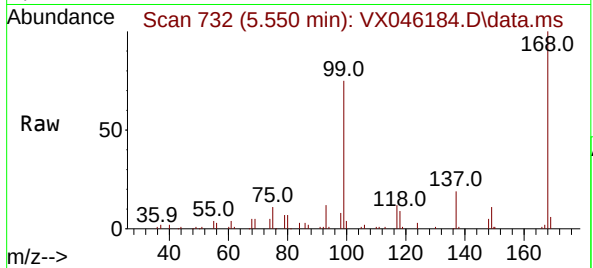




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

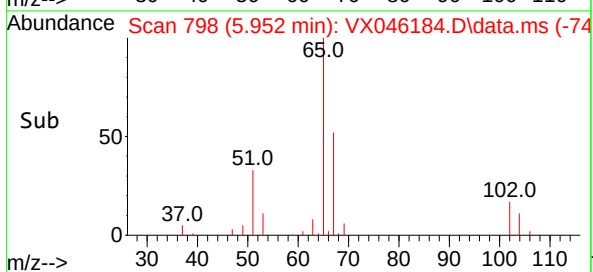
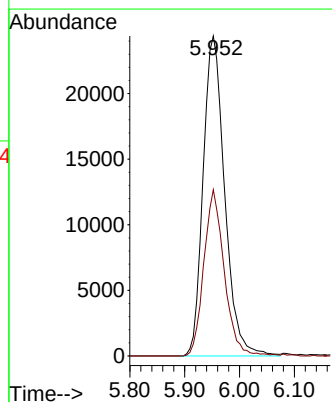
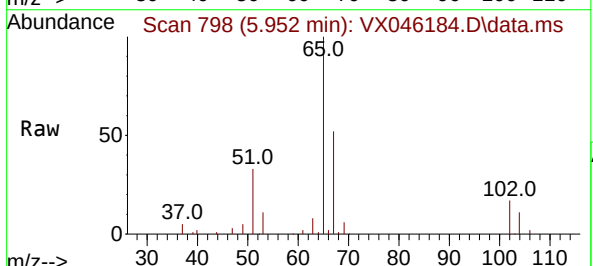
Instrument :
MSVOA_X
ClientSampleId :
TB

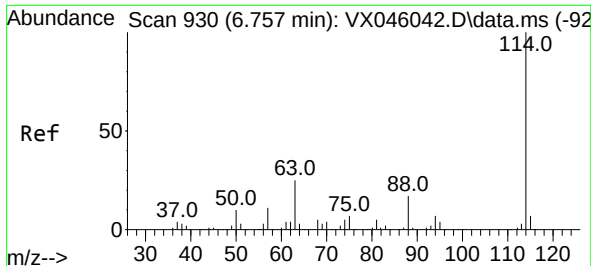
Tgt Ion:168 Resp: 65765
Ion Ratio Lower Upper
168 100
99 74.8 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 54.273 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion: 65 Resp: 66542
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

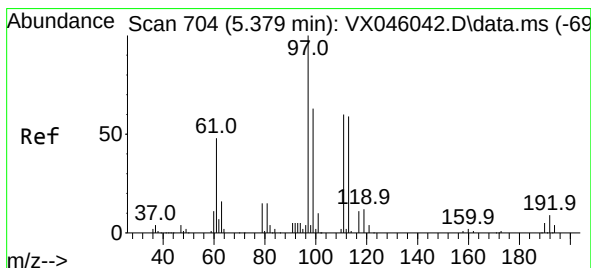
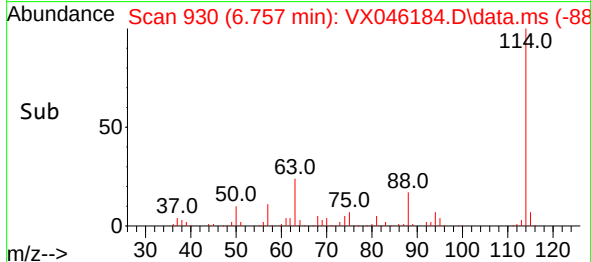
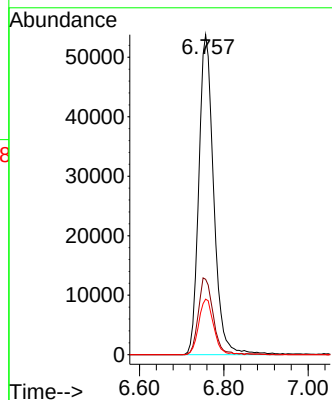
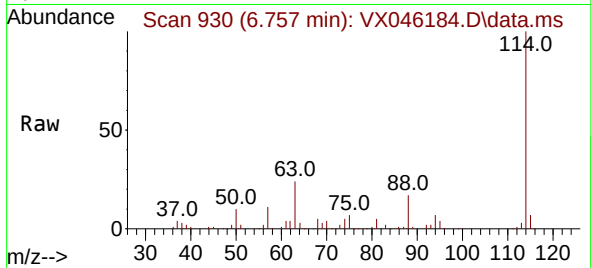




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

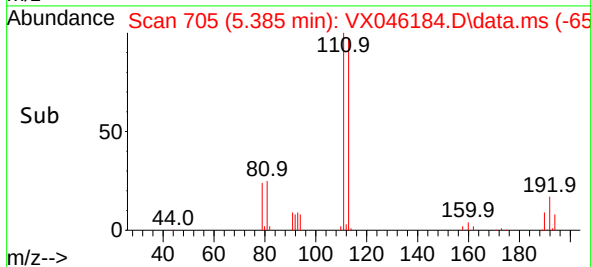
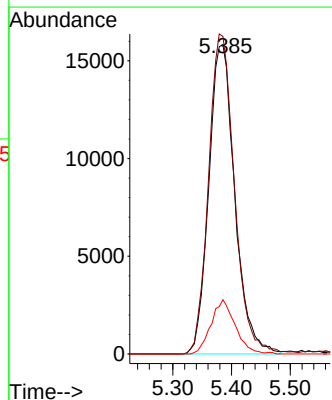
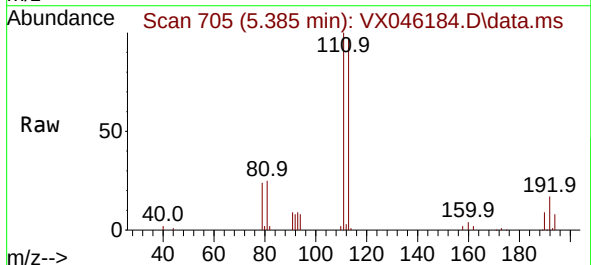
Instrument :
MSVOA_X
ClientSampleId :
TB

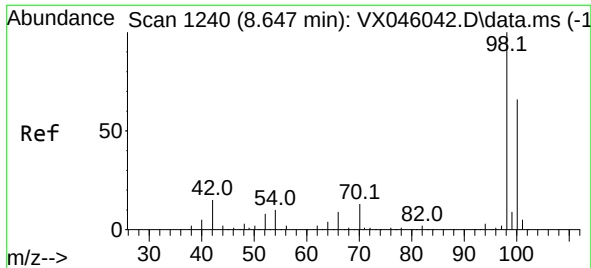
Tgt Ion:114 Resp: 132071
Ion Ratio Lower Upper
114 100
63 23.6 0.0 49.2
88 17.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.034 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion:113 Resp: 48536
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 16.4 13.3 19.9

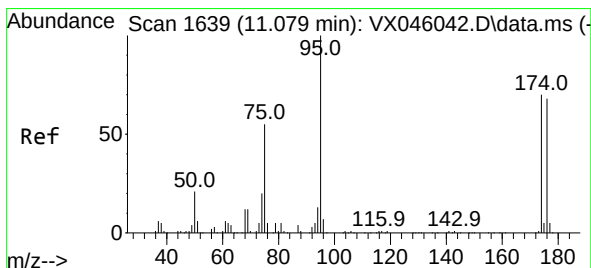
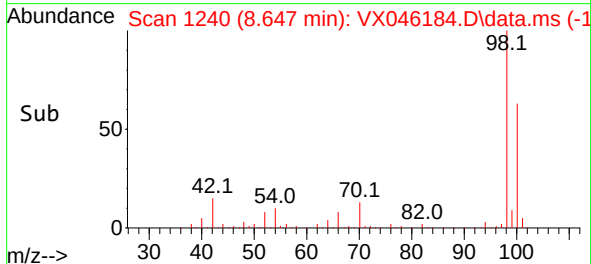
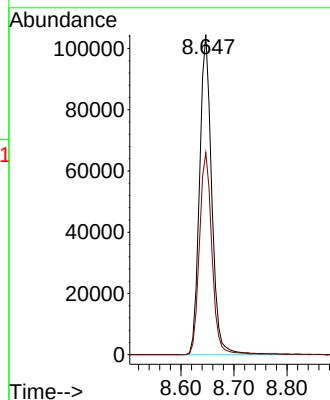
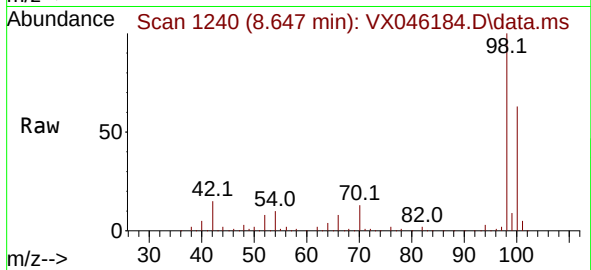




#50
Toluene-d8
Concen: 50.607 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

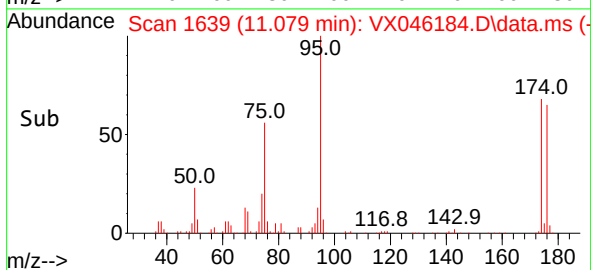
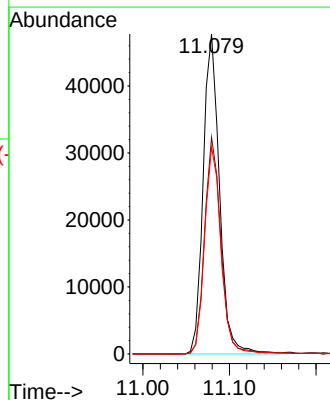
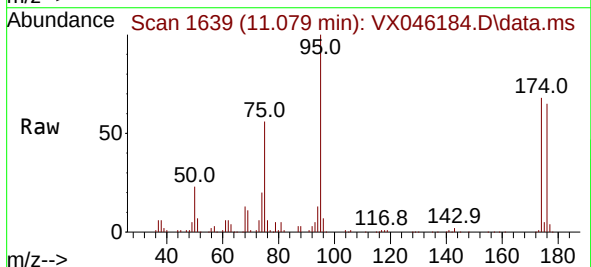
Instrument :
MSVOA_X
ClientSampleId :
TB

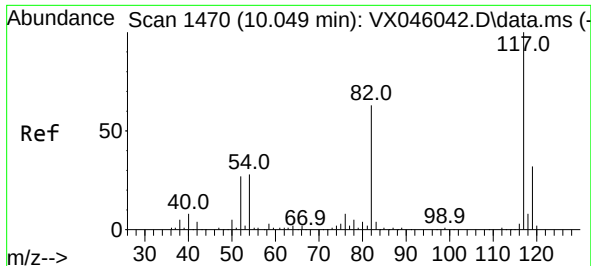
Tgt Ion: 98 Resp: 166585
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion: 95 Resp: 62484
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.6 0.0 131.4

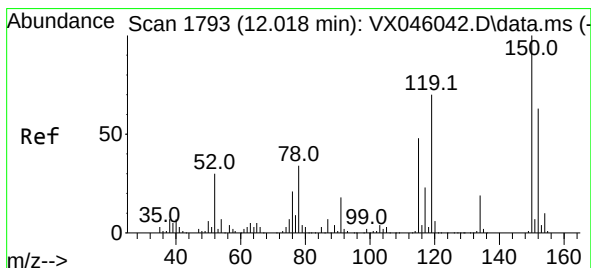
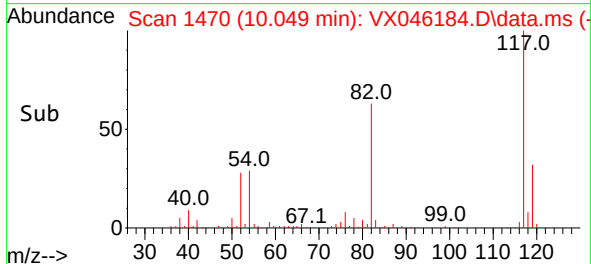
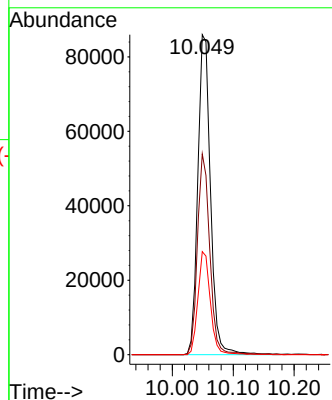
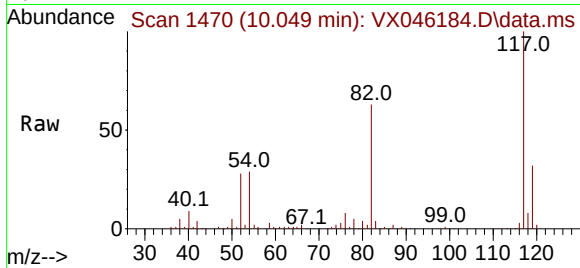




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 124301
Ion Ratio Lower Upper
117 100
82 62.8 50.6 76.0
119 32.2 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: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion:152 Resp: 53565
Ion Ratio Lower Upper
152 100
115 63.7 46.9 140.7
150 154.0 0.0 351.0

