

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046317.D
 Acq On : 22 May 2025 10:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 23 01:42:40 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	60019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	116953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59616	53.279	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.560%
35) Dibromofluoromethane	5.379	113	43288	51.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.800%
50) Toluene-d8	8.647	98	148947	51.098	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	11.079	95	59498	53.213	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.420%

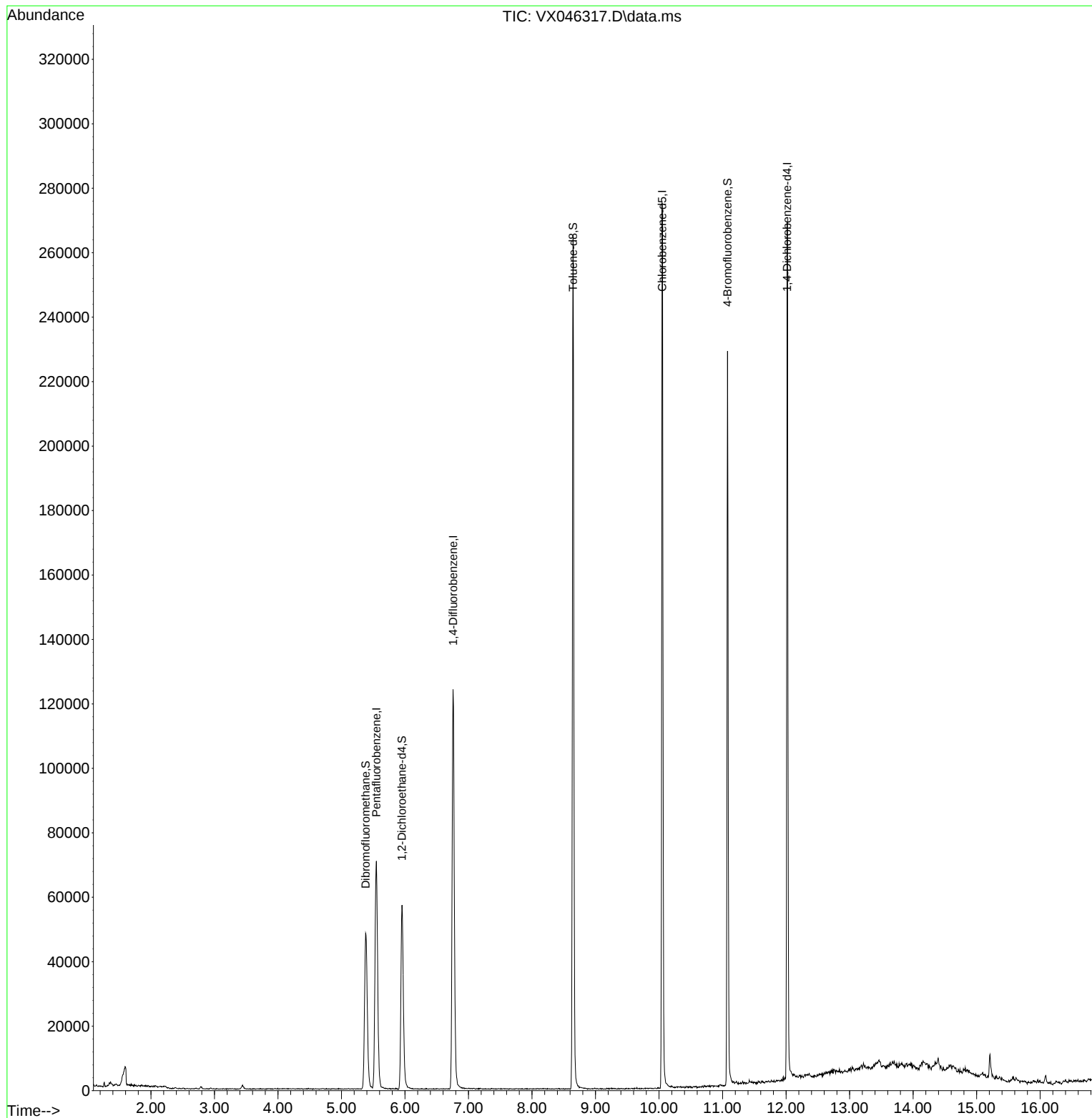
Target Compounds	Qvalue

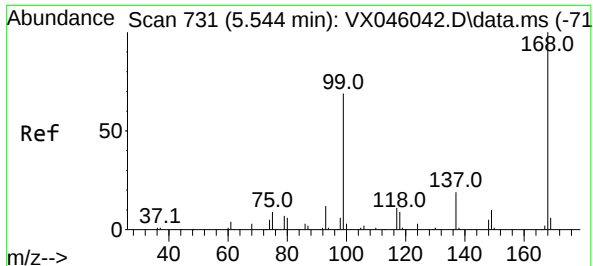
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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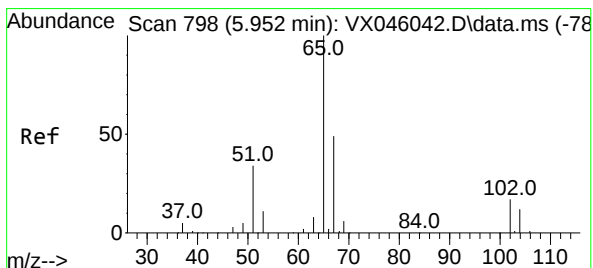
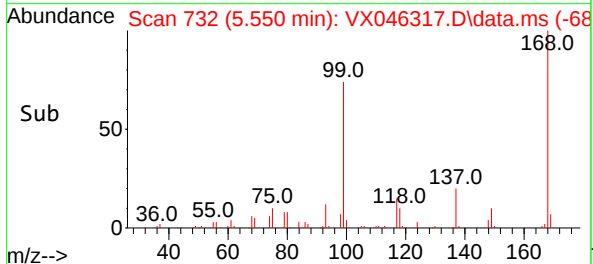
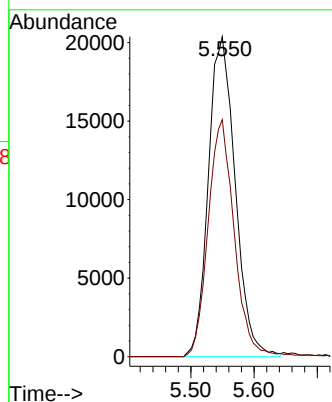
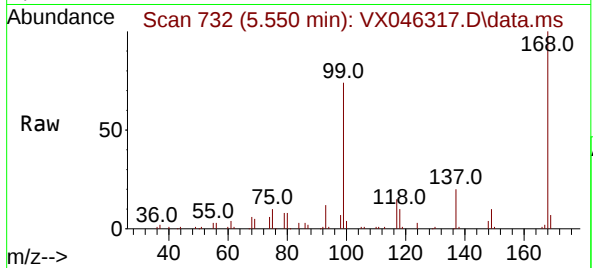




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

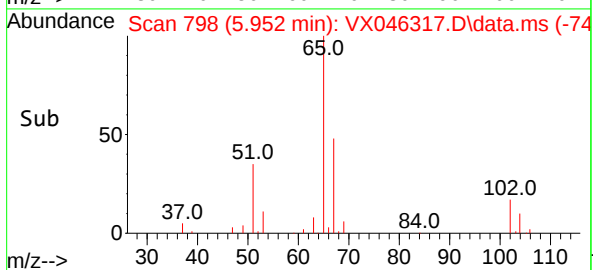
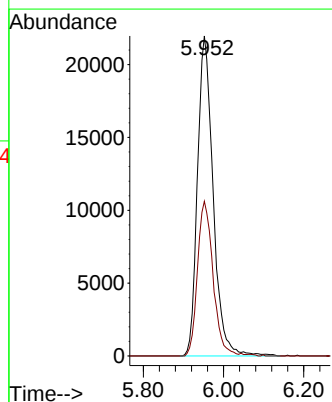
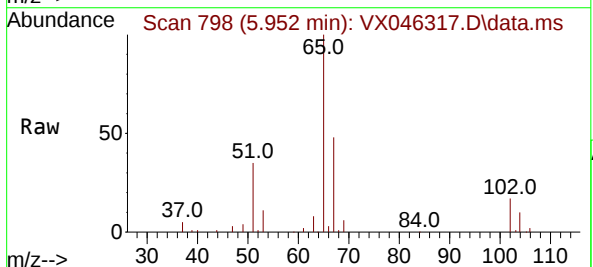
Instrument :
MSVOA_X
ClientSampleId :
IBLK

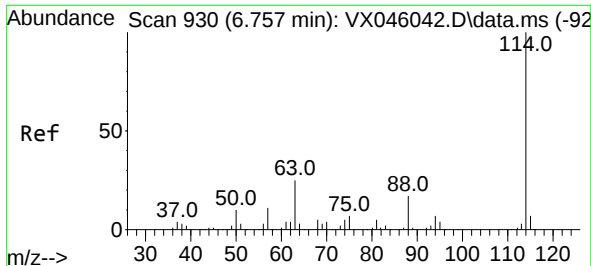
Tgt Ion:168 Resp: 60019
Ion Ratio Lower Upper
168 100
99 74.1 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.279 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion: 65 Resp: 59616
Ion Ratio Lower Upper
65 100
67 47.9 0.0 99.0

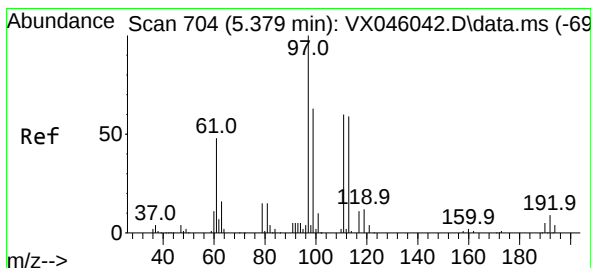
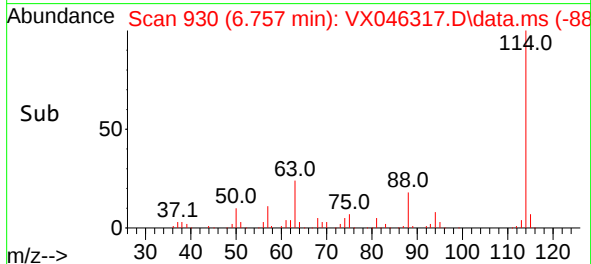
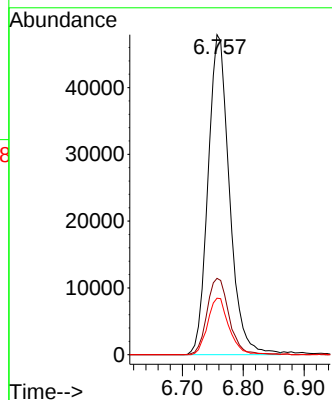
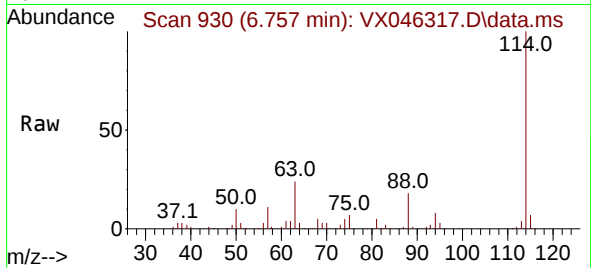




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

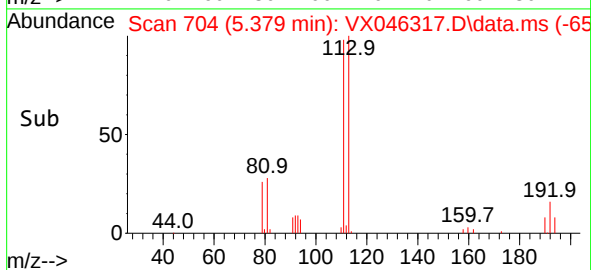
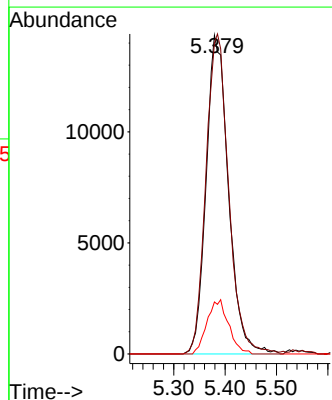
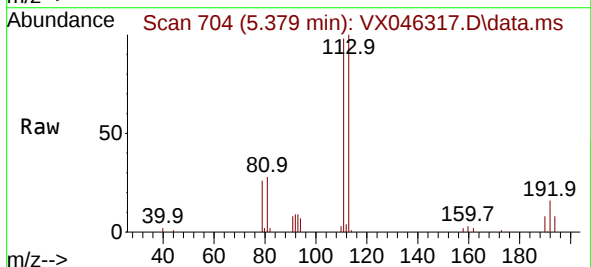
Instrument :
MSVOA_X
ClientSampleId :
IBLK

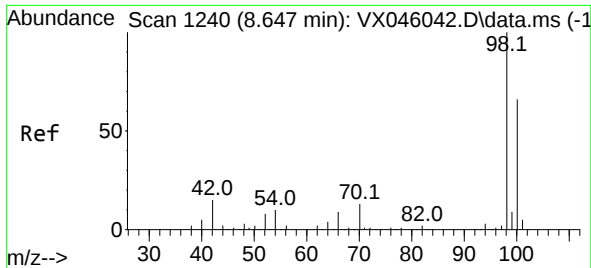
Tgt Ion:114 Resp: 116953
Ion Ratio Lower Upper
114 100
63 23.8 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.400 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion:113 Resp: 43288
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.4 13.3 19.9

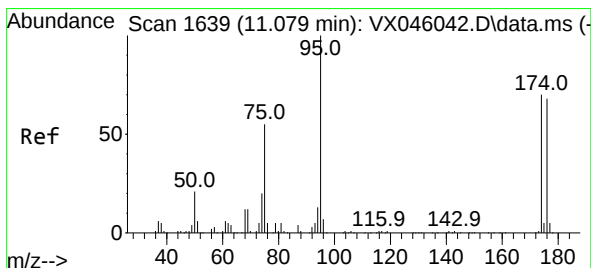
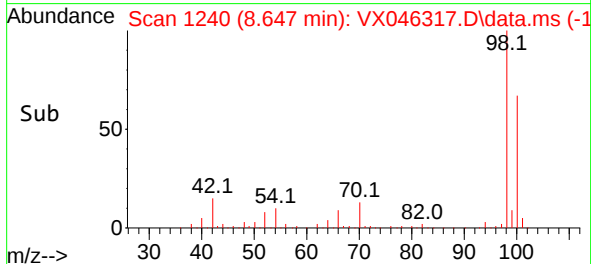
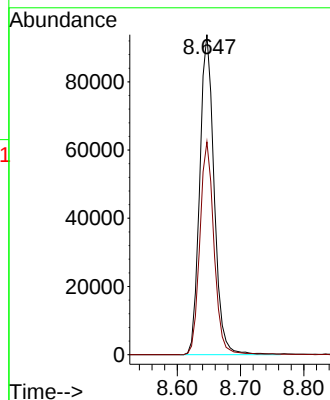
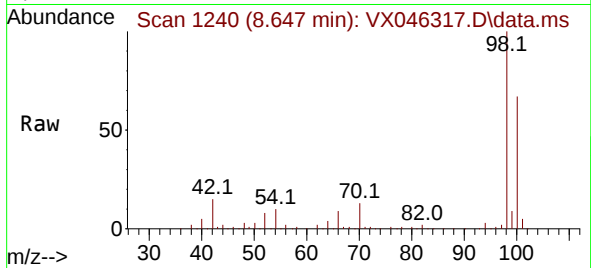




#50
Toluene-d8
Concen: 51.098 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

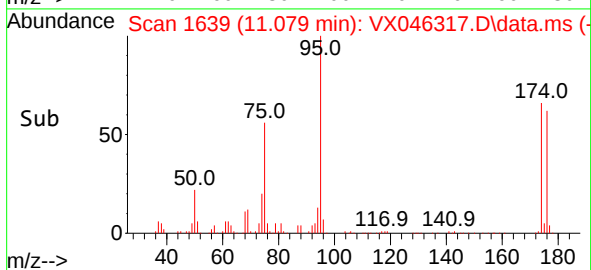
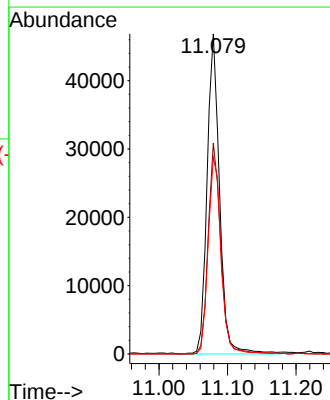
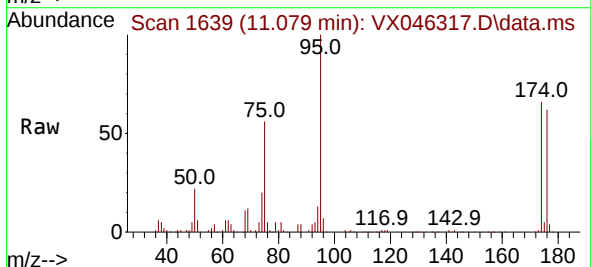
Instrument :
MSVOA_X
ClientSampleId :
IBLK

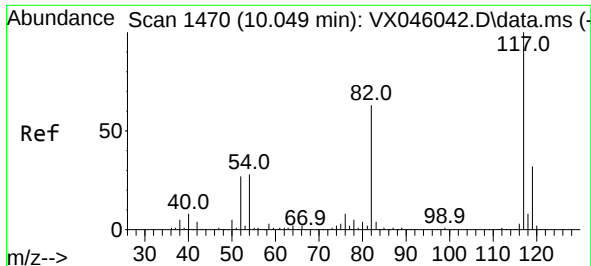
Tgt Ion: 98 Resp: 148947
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion: 95 Resp: 59498
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 63.5 0.0 131.4

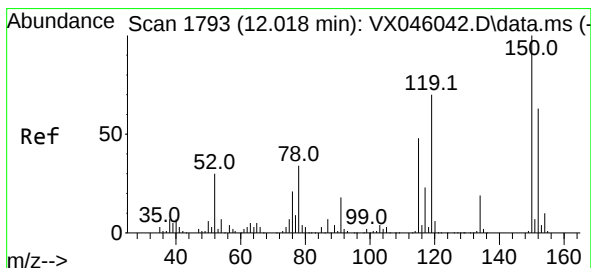
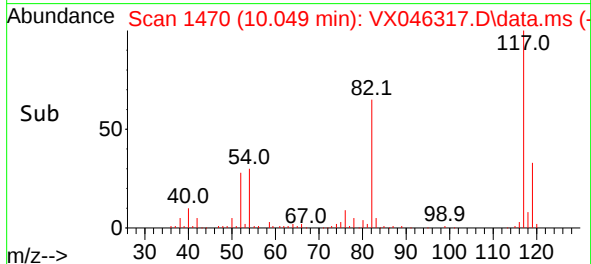
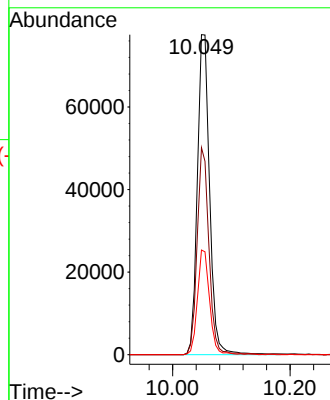
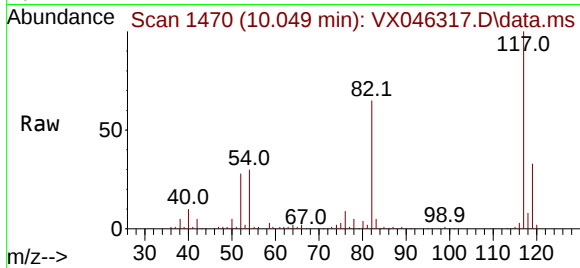




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046317.D
Acq: 22 May 2025 10:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 112471
Ion Ratio Lower Upper
117 100
82 64.7 50.6 76.0
119 32.7 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: VX046317.D
Acq: 22 May 2025 10:26

Tgt Ion:152 Resp: 50505
Ion Ratio Lower Upper
152 100
115 64.2 46.9 140.7
150 154.2 0.0 351.0

