

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044837.D
 Acq On : 05 Feb 2025 12:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 06 04:36:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	100391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	177293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71036	46.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.760%
35) Dibromofluoromethane	5.379	113	61475	48.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	8.647	98	236249	53.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.660%
62) 4-Bromofluorobenzene	11.079	95	94503	57.224	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.440%

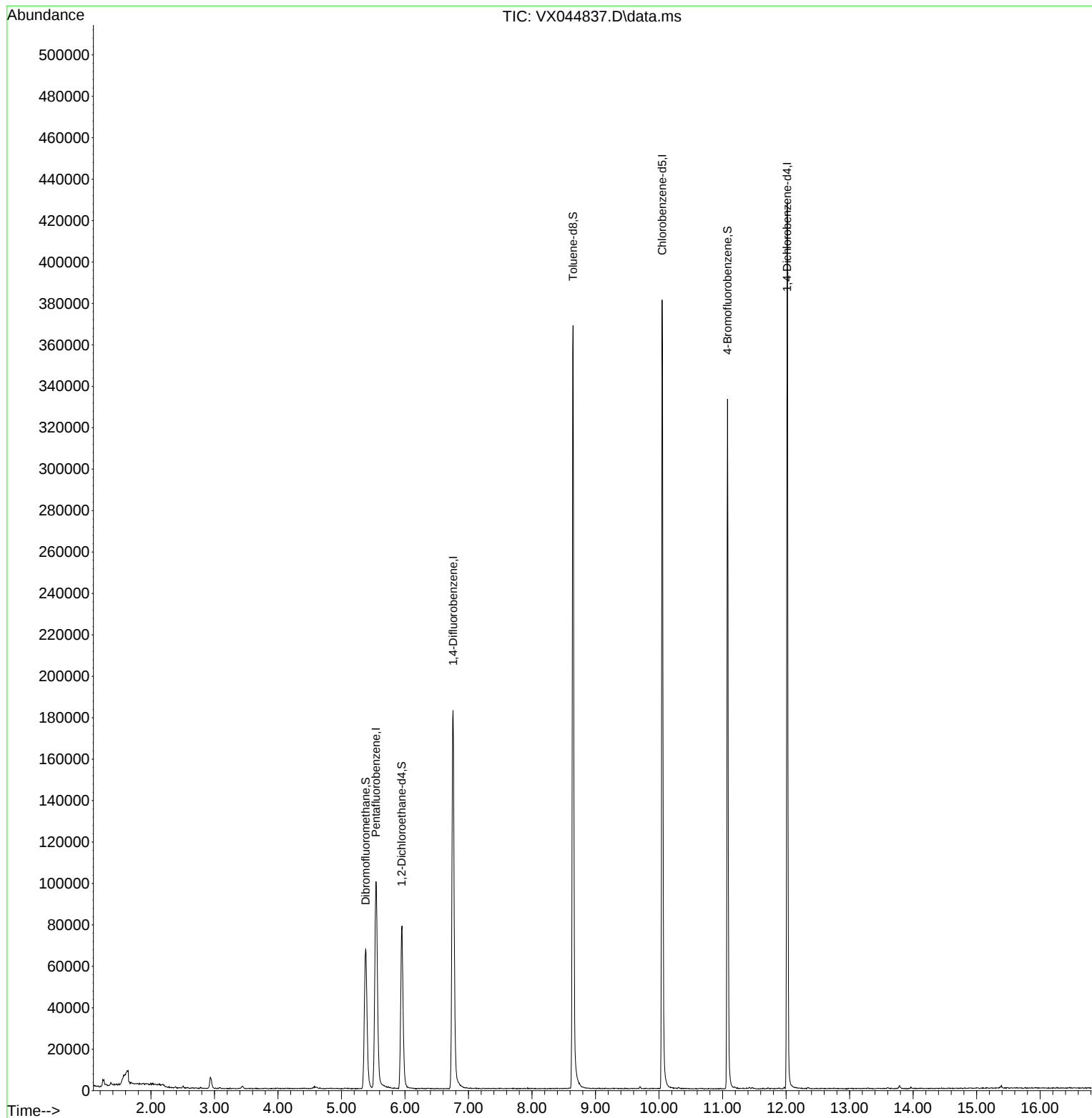
Target Compounds	Qvalue

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

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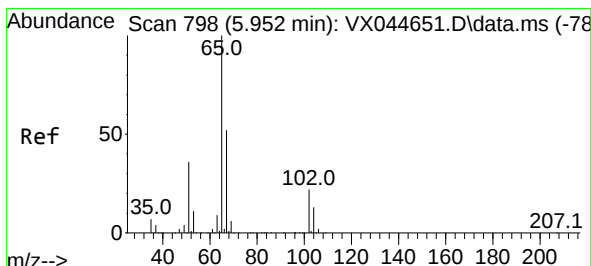
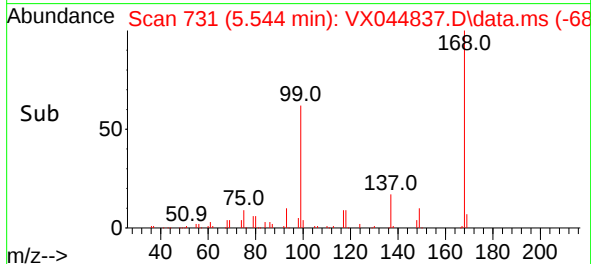
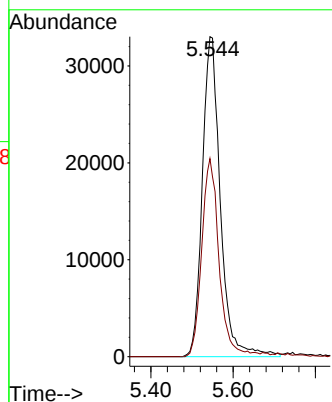
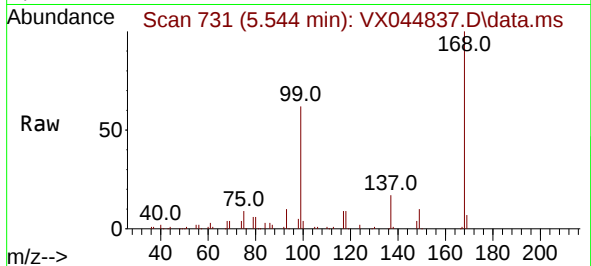




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

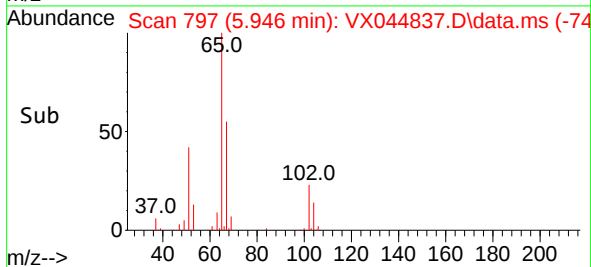
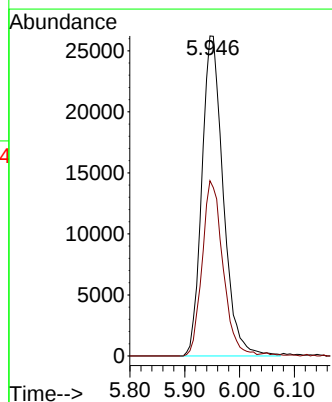
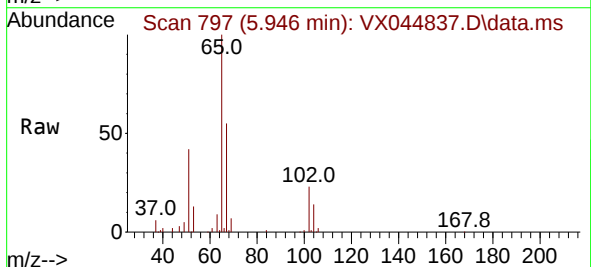
Instrument :
MSVOA_X
ClientSampleId :
IBLK

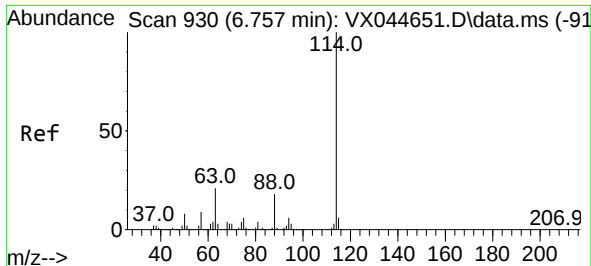
Tgt Ion:168 Resp: 100391
Ion Ratio Lower Upper
168 100
99 61.9 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 46.878 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Tgt Ion: 65 Resp: 71036
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.4

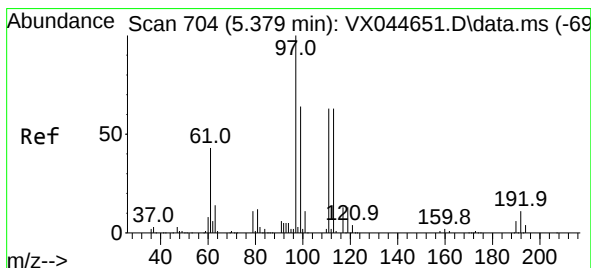
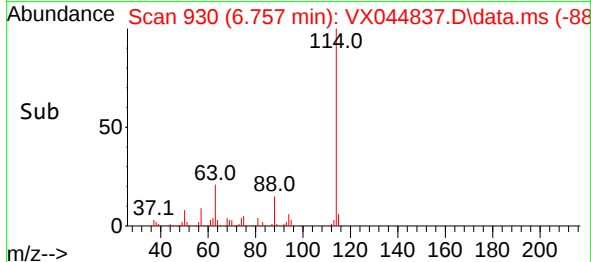
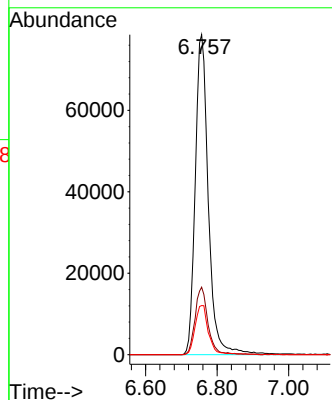
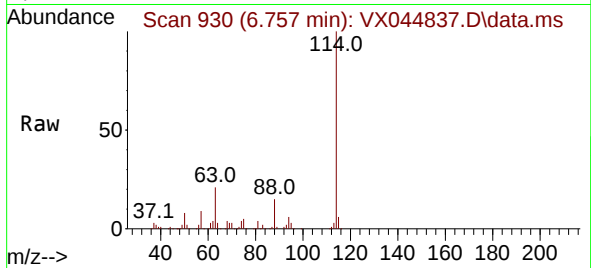




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

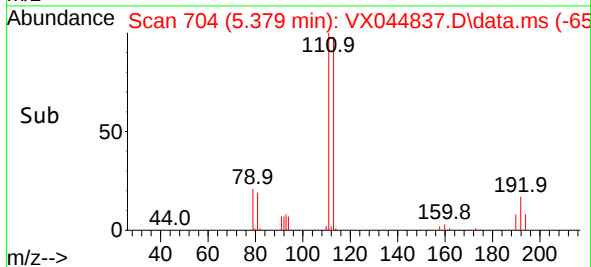
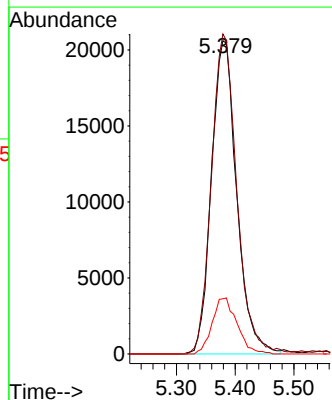
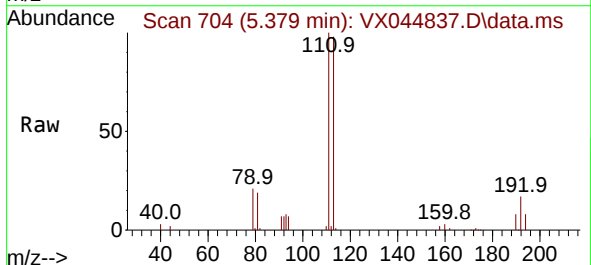
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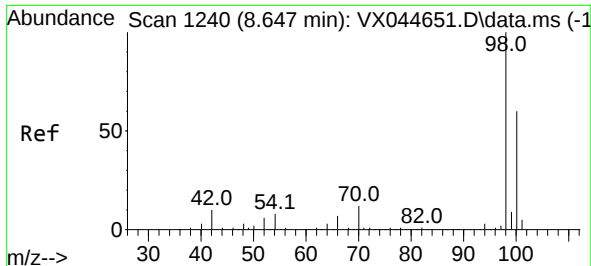
Tgt Ion:114 Resp: 199989
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.0
88 15.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 48.386 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Tgt Ion:113 Resp: 61475
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 17.6 14.4 21.6

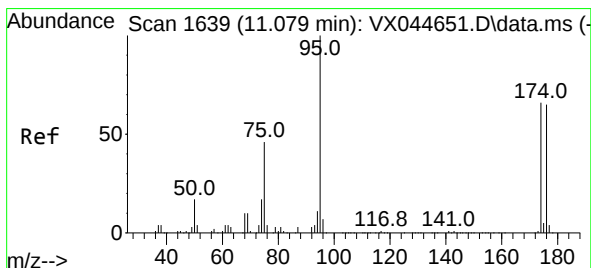
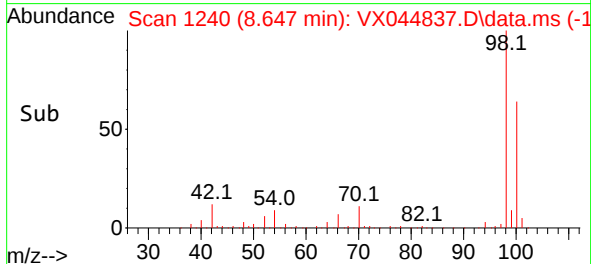
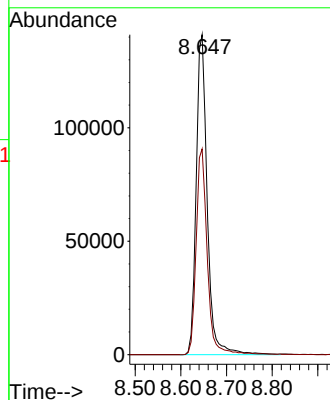
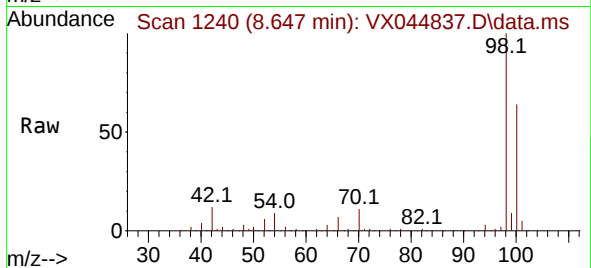




#50
Toluene-d8
Concen: 53.330 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

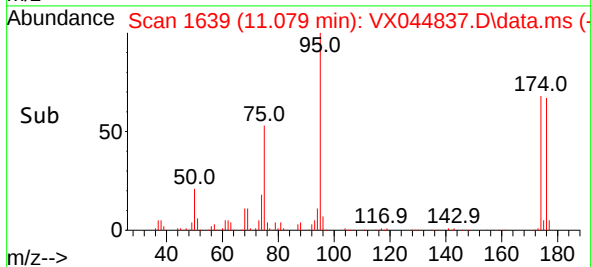
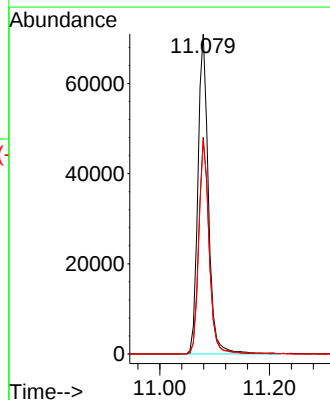
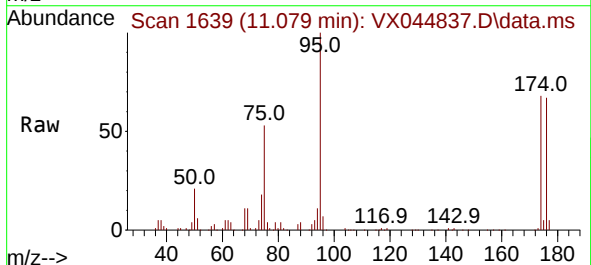
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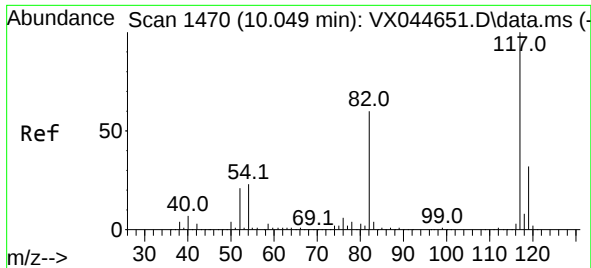
Tgt Ion: 98 Resp: 236249
Ion Ratio Lower Upper
98 100
100 64.9 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 57.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Tgt Ion: 95 Resp: 94503
Ion Ratio Lower Upper
95 100
174 66.6 0.0 133.0
176 65.5 0.0 129.4

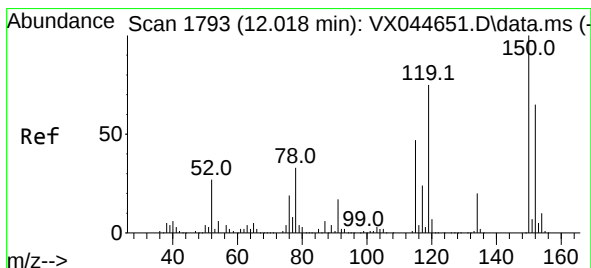
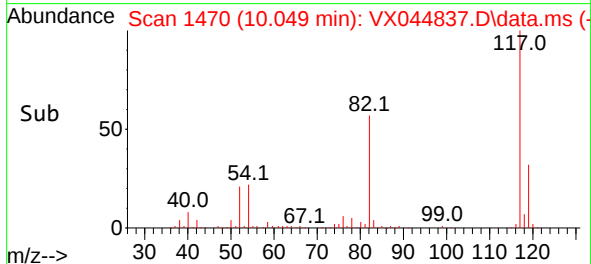
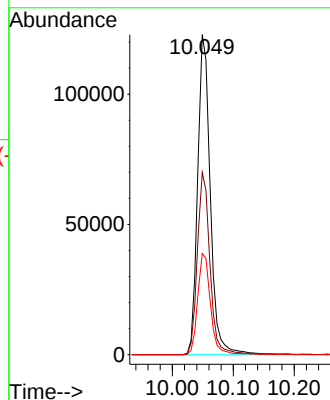
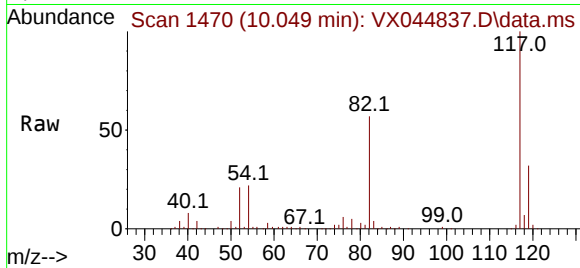




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 177293
Ion Ratio Lower Upper
117 100
82 57.0 47.6 71.4
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Tgt Ion:152 Resp: 82205
Ion Ratio Lower Upper
152 100
115 62.8 43.8 131.4
150 158.5 0.0 347.8

