

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045937.D
 Acq On : 25 Apr 2025 12:37
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 25 23:00:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	63947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63083	53.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.880%	
35) Dibromofluoromethane	5.379	113	46522	51.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.620%	
50) Toluene-d8	8.647	98	156365	49.892	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	11.079	95	59009	51.690	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.380%	

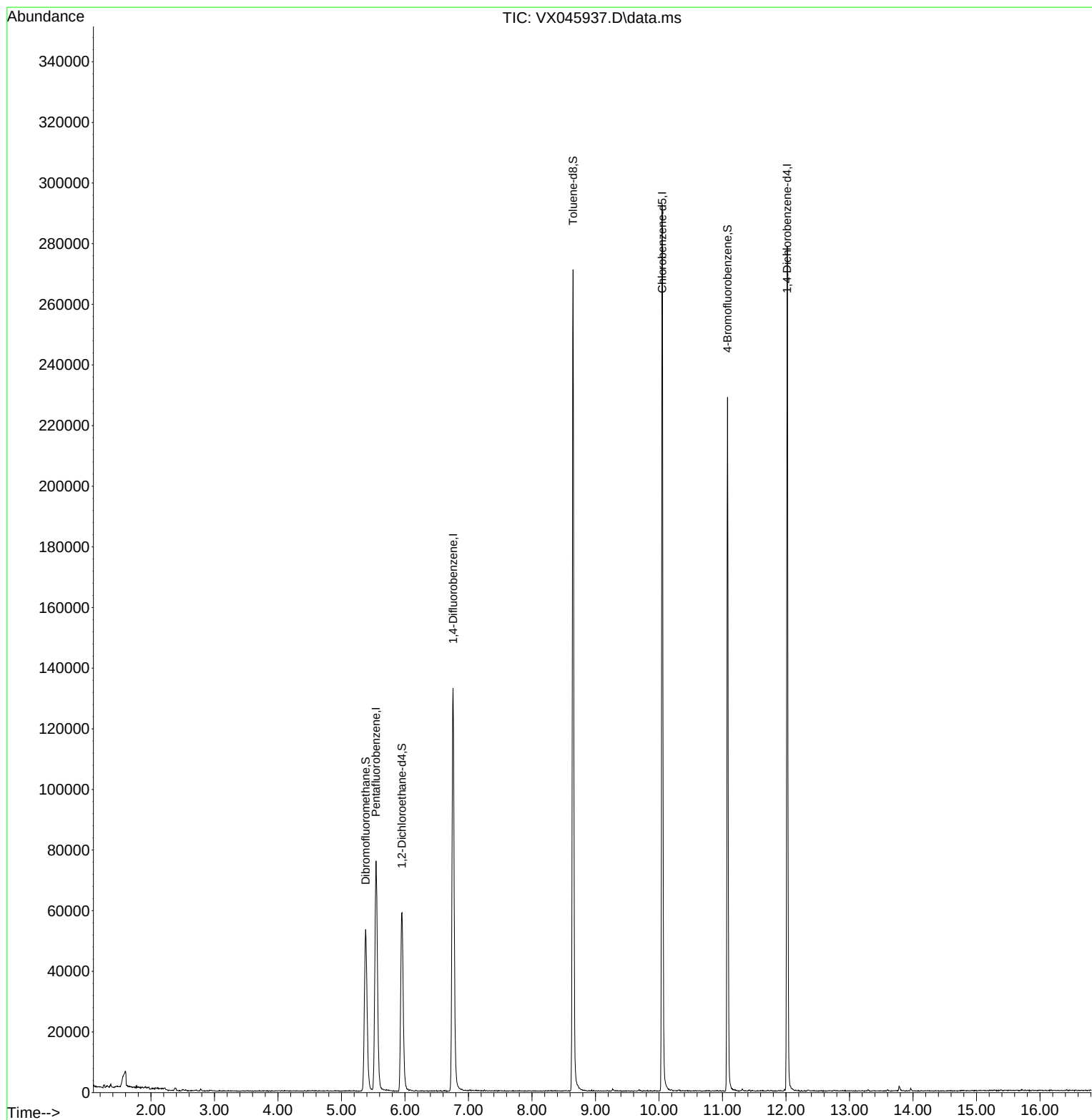
Target Compounds	Qvalue

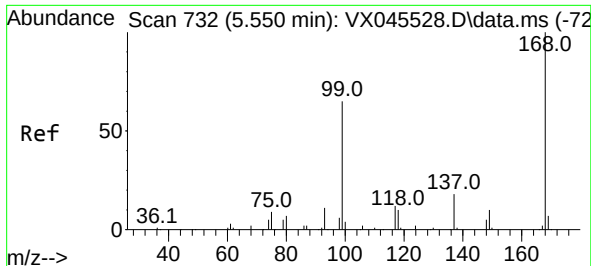
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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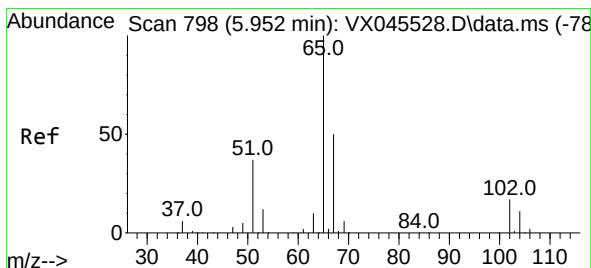
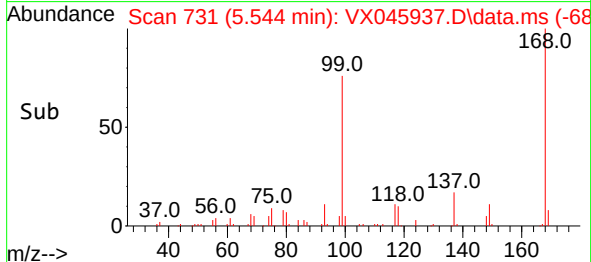
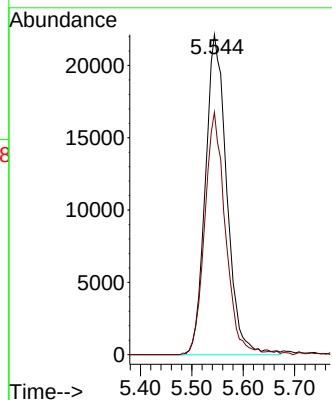
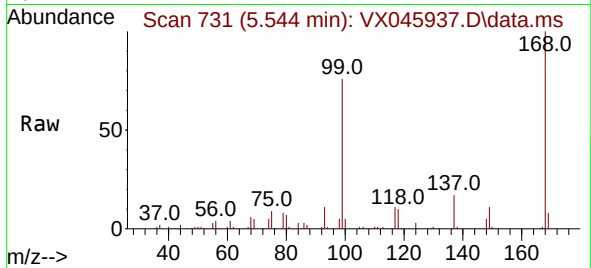




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045937.D
Acq: 25 Apr 2025 12:37

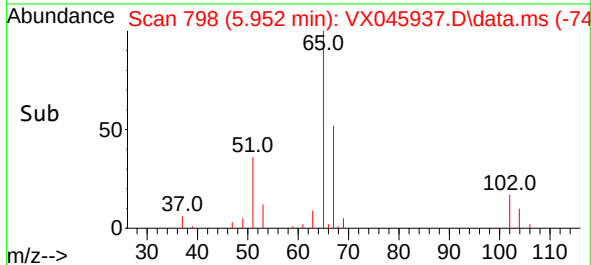
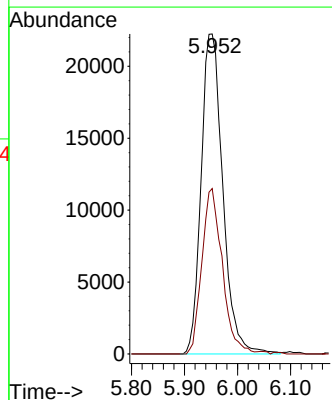
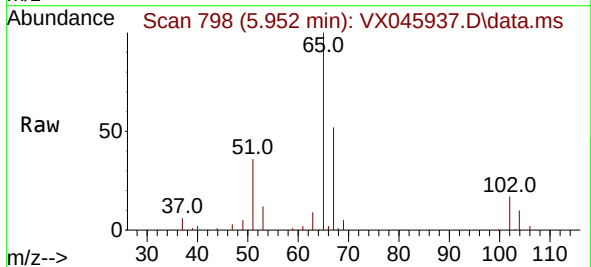
Instrument :
MSVOA_X
ClientSampleId :
IBLK

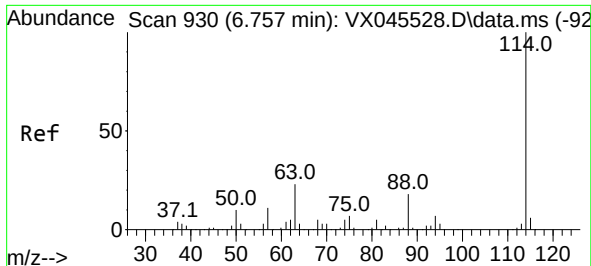
Tgt Ion:168 Resp: 63947
Ion Ratio Lower Upper
168 100
99 75.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.944 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045937.D
Acq: 25 Apr 2025 12:37

Tgt Ion: 65 Resp: 63083
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

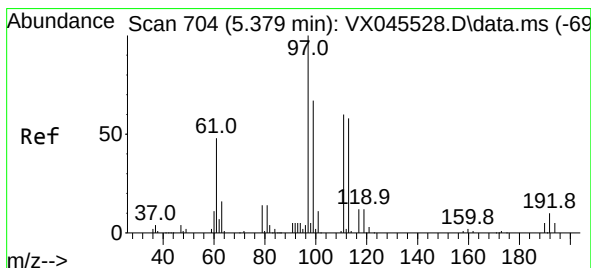
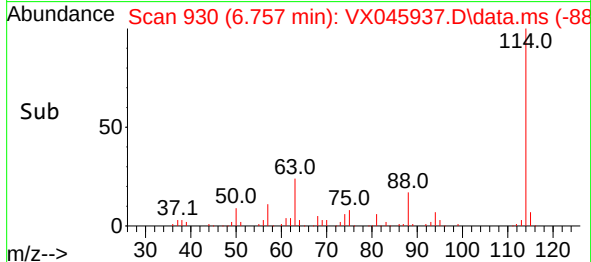
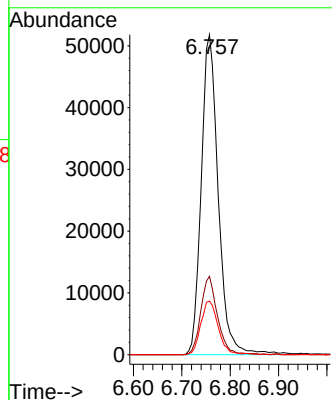
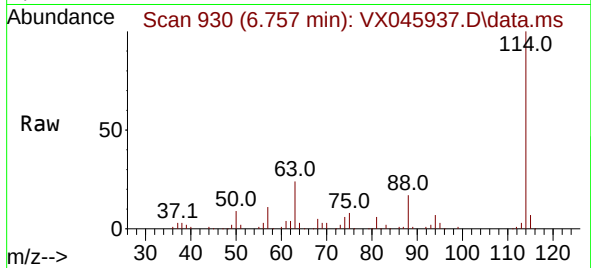




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045937.D
 Acq: 25 Apr 2025 12:37

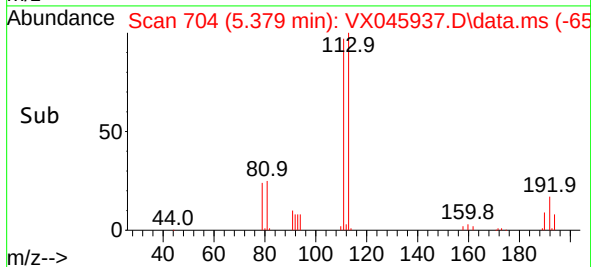
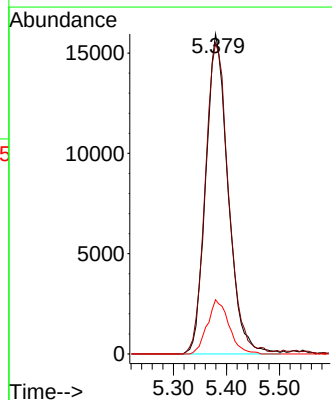
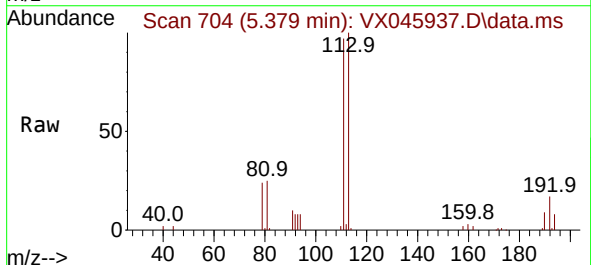
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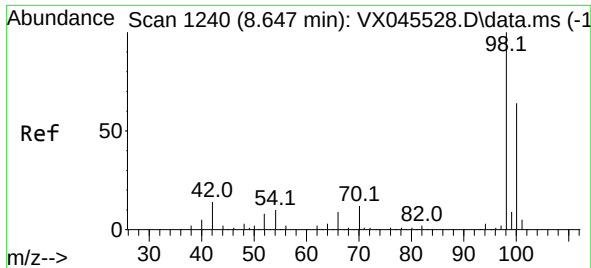
Tgt Ion:114 Resp: 126556
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.8
 88 16.8 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.811 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045937.D
 Acq: 25 Apr 2025 12:37

Tgt Ion:113 Resp: 46522
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.6
 192 16.4 13.8 20.6

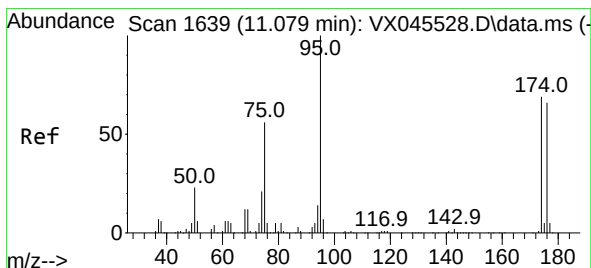
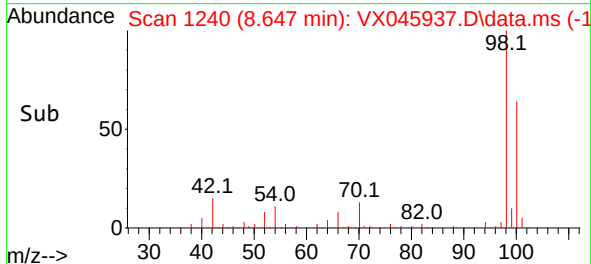
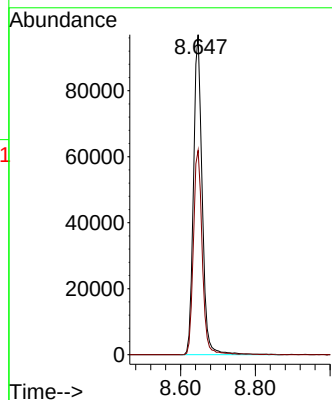
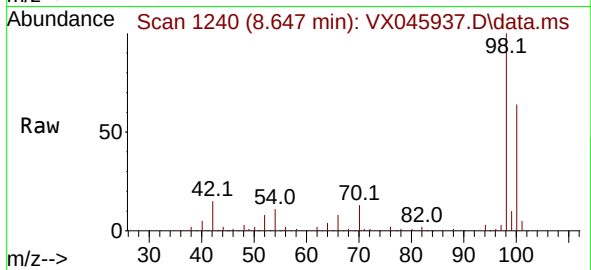




#50
Toluene-d8
Concen: 49.892 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045937.D
Acq: 25 Apr 2025 12:37

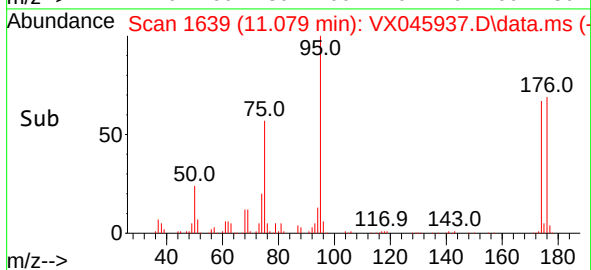
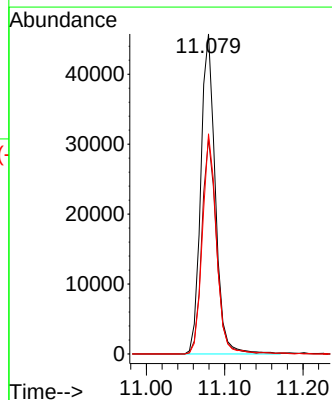
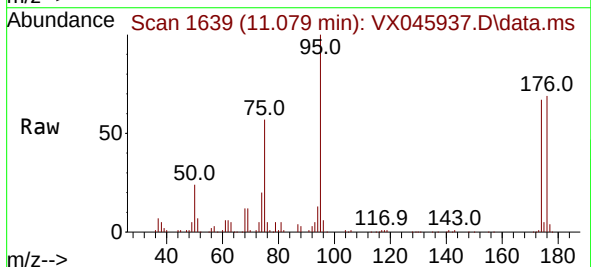
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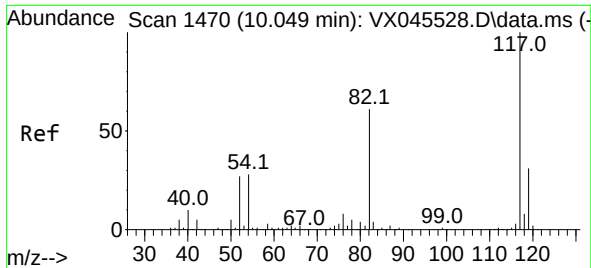
Tgt Ion: 98 Resp: 156365
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045937.D
Acq: 25 Apr 2025 12:37

Tgt Ion: 95 Resp: 59009
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 66.6 0.0 131.4

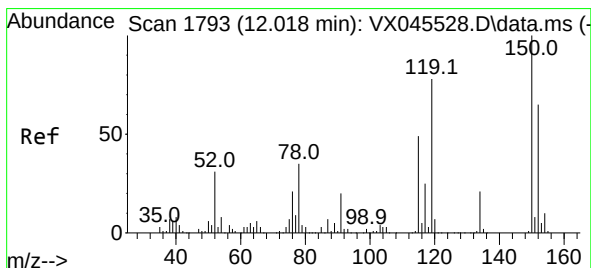
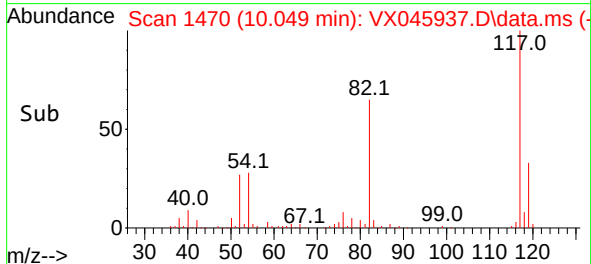
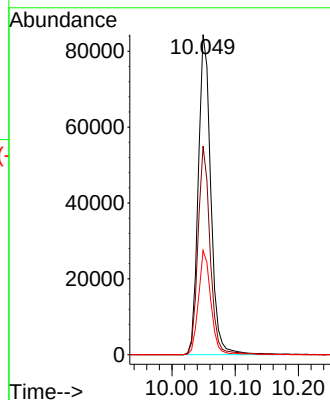
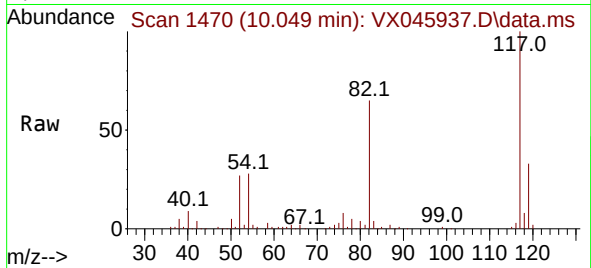




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045937.D
Acq: 25 Apr 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 116710
Ion Ratio Lower Upper
117 100
82 65.1 49.2 73.8
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045937.D
Acq: 25 Apr 2025 12:37

Tgt Ion:152 Resp: 51430
Ion Ratio Lower Upper
152 100
115 65.0 46.9 140.7
150 156.0 0.0 349.4

