

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045616.D
 Acq On : 07 Apr 2025 10:11
 Operator : JC/MD
 Sample : VX0407WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBL01

Quant Time: Apr 08 01:34:17 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	67505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69079	55.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.920%	
35) Dibromofluoromethane	5.385	113	49178	52.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.260%	
50) Toluene-d8	8.647	98	167958	51.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	11.079	95	61925	51.626	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.260%	

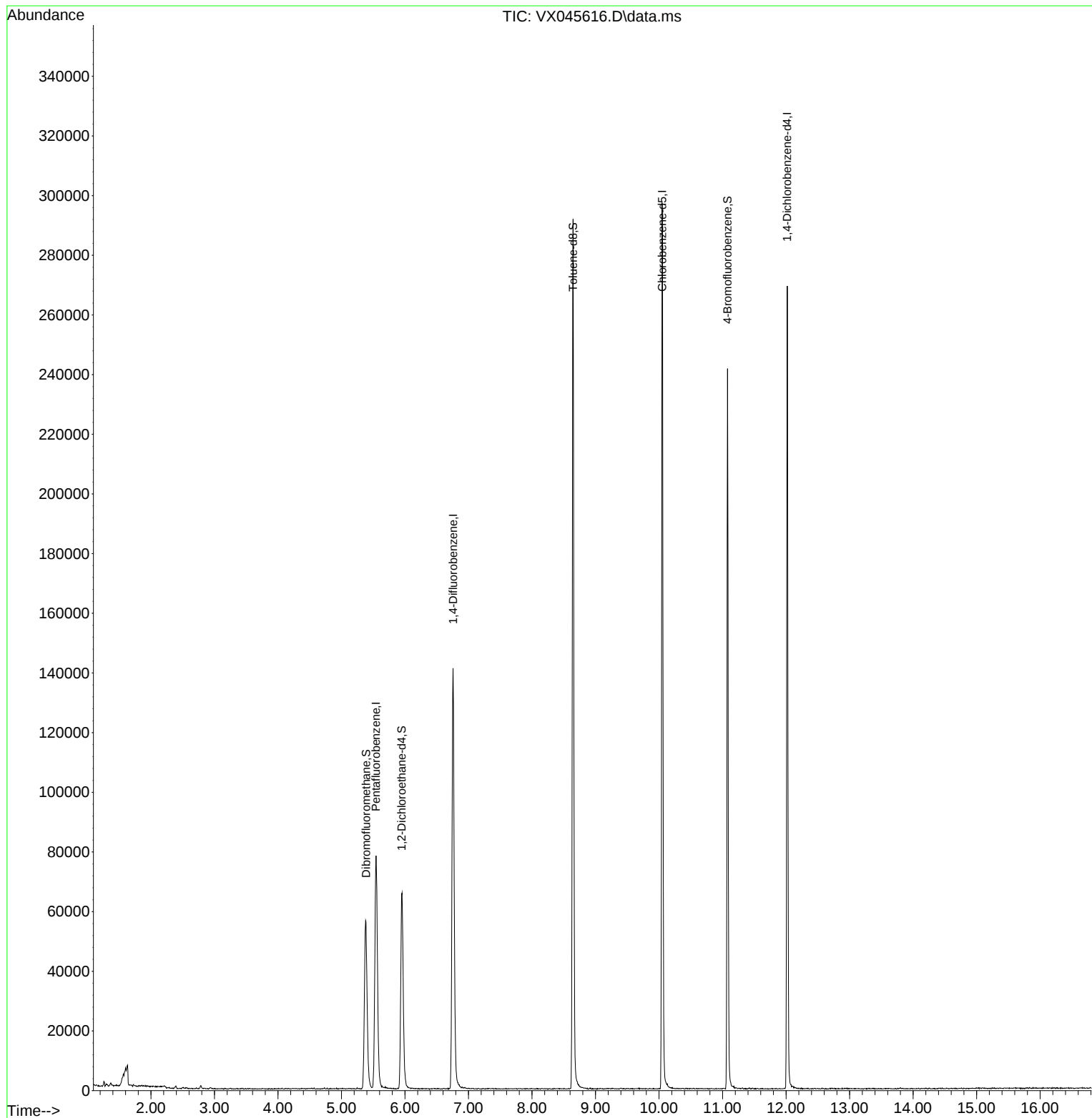
Target Compounds	Qvalue

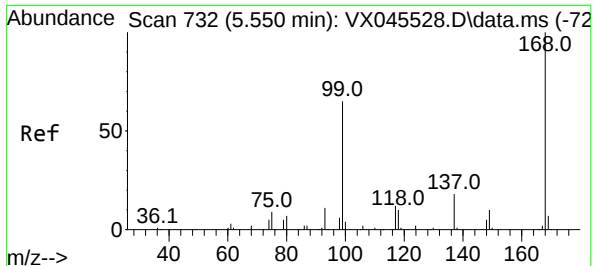
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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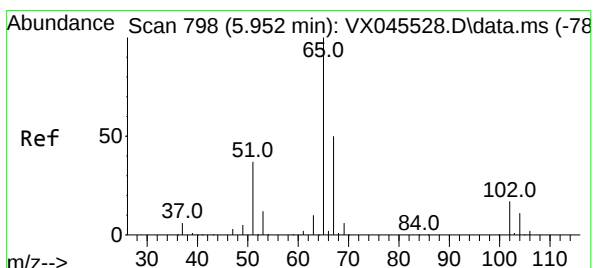
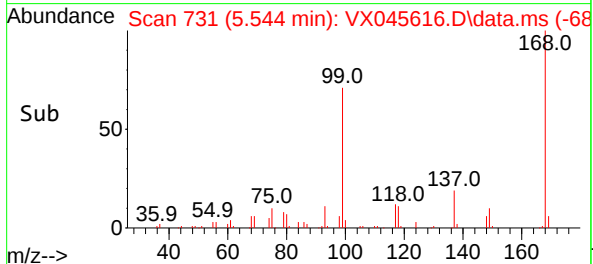
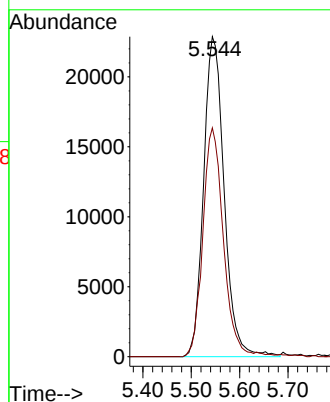
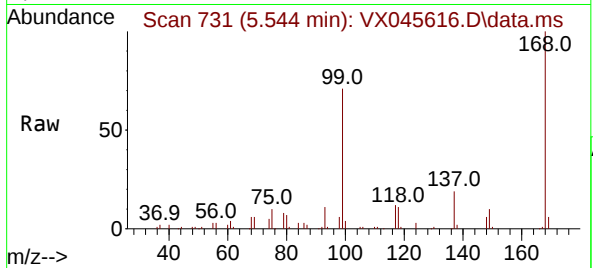




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045616.D
Acq: 07 Apr 2025 10:11

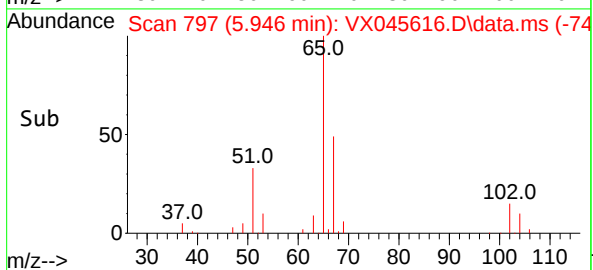
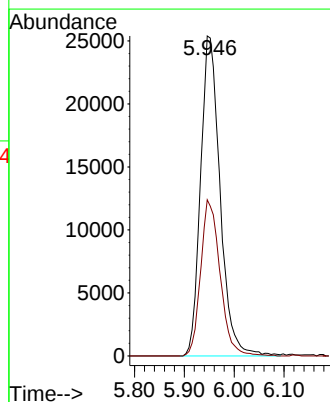
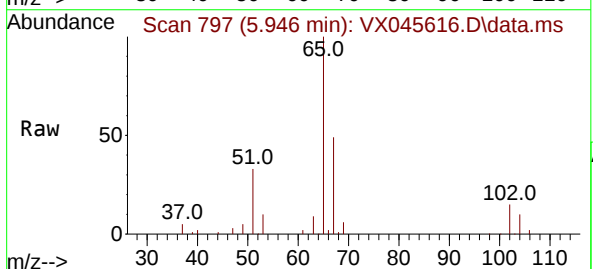
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01

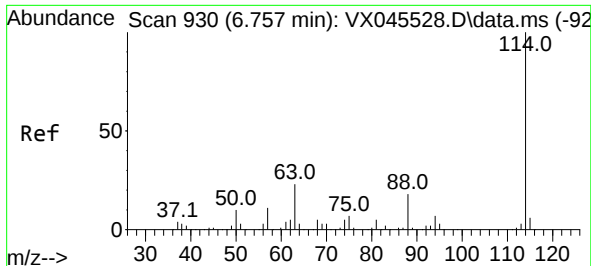
Tgt Ion:168 Resp: 67505
Ion Ratio Lower Upper
168 100
99 71.5 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.957 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045616.D
Acq: 07 Apr 2025 10:11

Tgt Ion: 65 Resp: 69079
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0

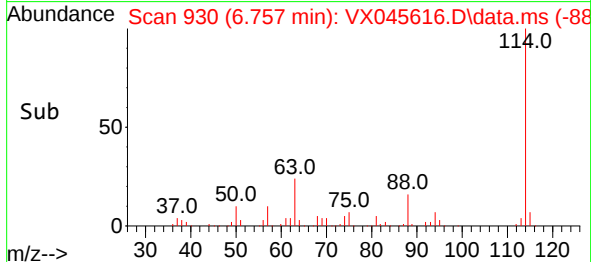
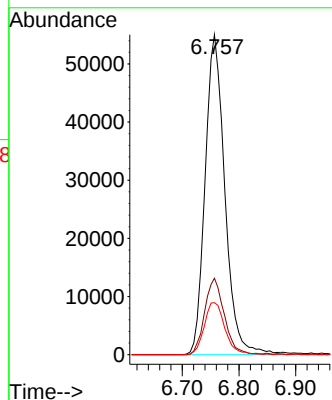
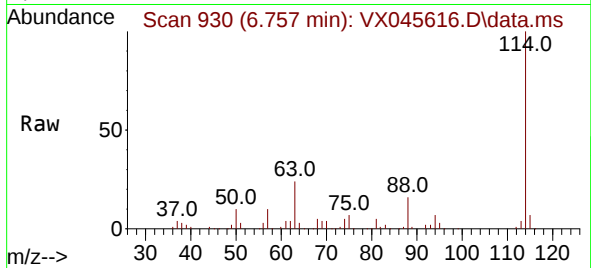




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045616.D
Acq: 07 Apr 2025 10:11

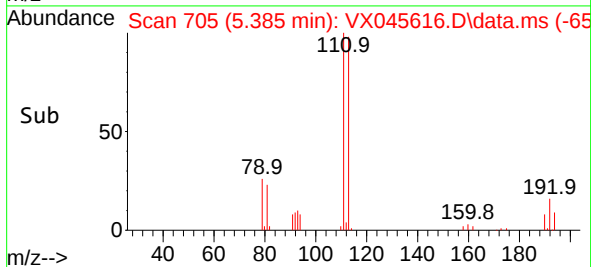
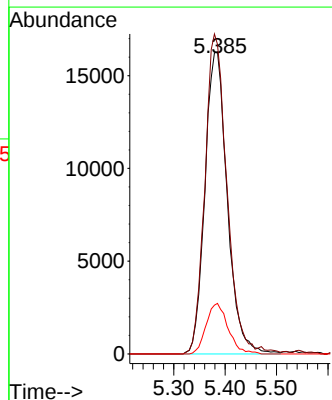
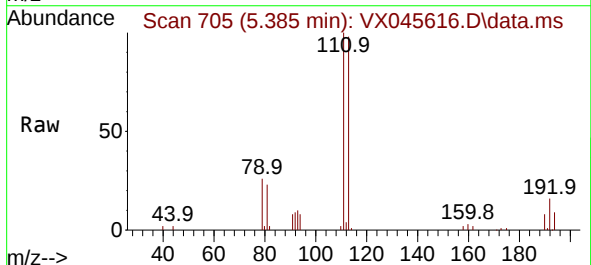
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01

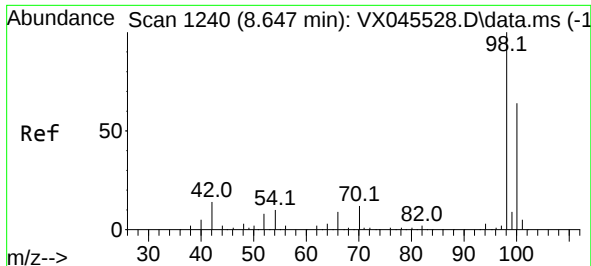
Tgt Ion:114 Resp: 132975
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.8
88 16.2 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.125 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045616.D
Acq: 07 Apr 2025 10:11

Tgt Ion:113 Resp: 49178
Ion Ratio Lower Upper
113 100
111 105.0 81.8 122.6
192 16.4 13.8 20.6

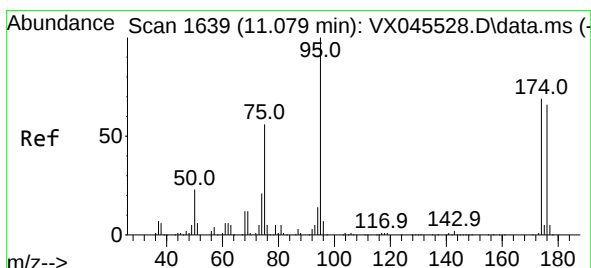
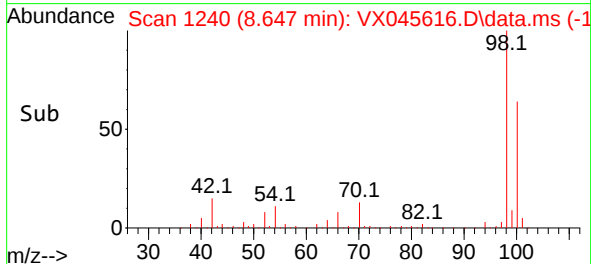
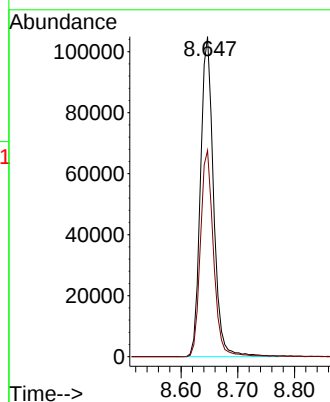
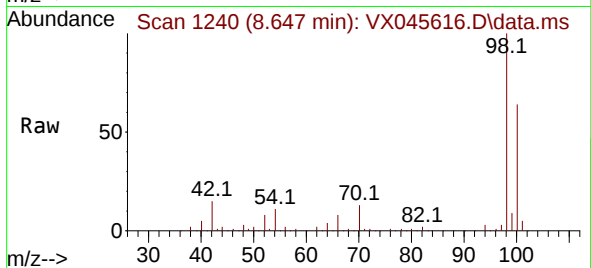




#50
Toluene-d8
Concen: 51.004 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045616.D
Acq: 07 Apr 2025 10:11

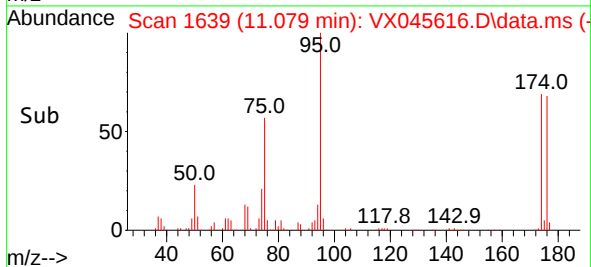
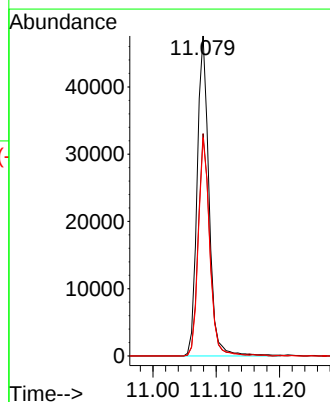
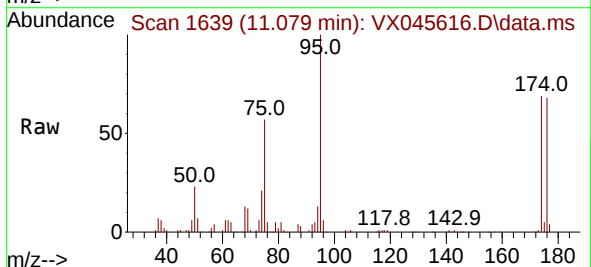
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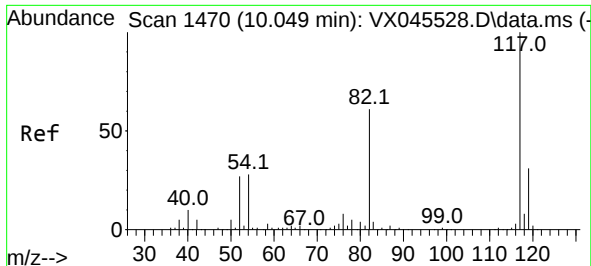
Tgt Ion: 98 Resp: 167958
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045616.D
Acq: 07 Apr 2025 10:11

Tgt Ion: 95 Resp: 61925
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 65.4 0.0 131.4

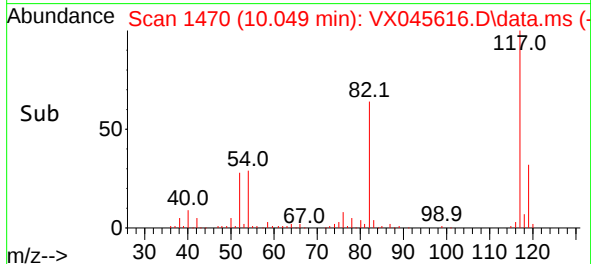
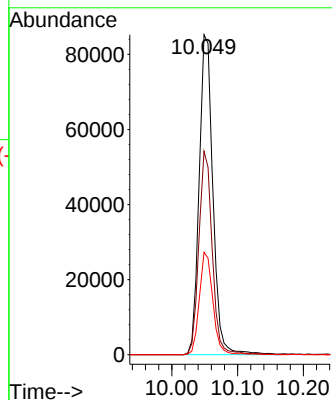
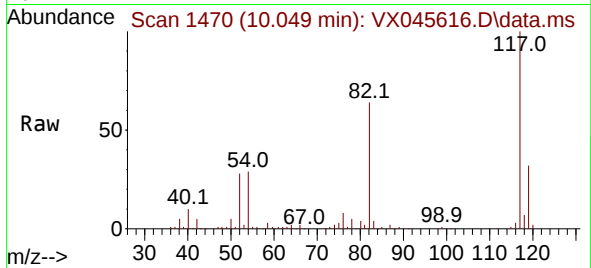




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045616.D
Acq: 07 Apr 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01

Tgt Ion:117 Resp: 123601
Ion Ratio Lower Upper
117 100
82 63.5 49.2 73.8
119 32.0 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: VX045616.D
Acq: 07 Apr 2025 10:11

Tgt Ion:152 Resp: 49926
Ion Ratio Lower Upper
152 100
115 64.5 46.9 140.7
150 156.2 0.0 349.4

