

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045560.D
 Acq On : 03 Apr 2025 10:58
 Operator : JC/MD
 Sample : VX0403MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403MBL01

Quant Time: Apr 04 01:18:15 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	5.537	168	62505	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	120795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61068	53.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.860%
35) Dibromofluoromethane	5.373	113	45081	52.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.200%
50) Toluene-d8	8.647	98	153580	51.340	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.680%
62) 4-Bromofluorobenzene	11.079	95	56696	52.033	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.060%

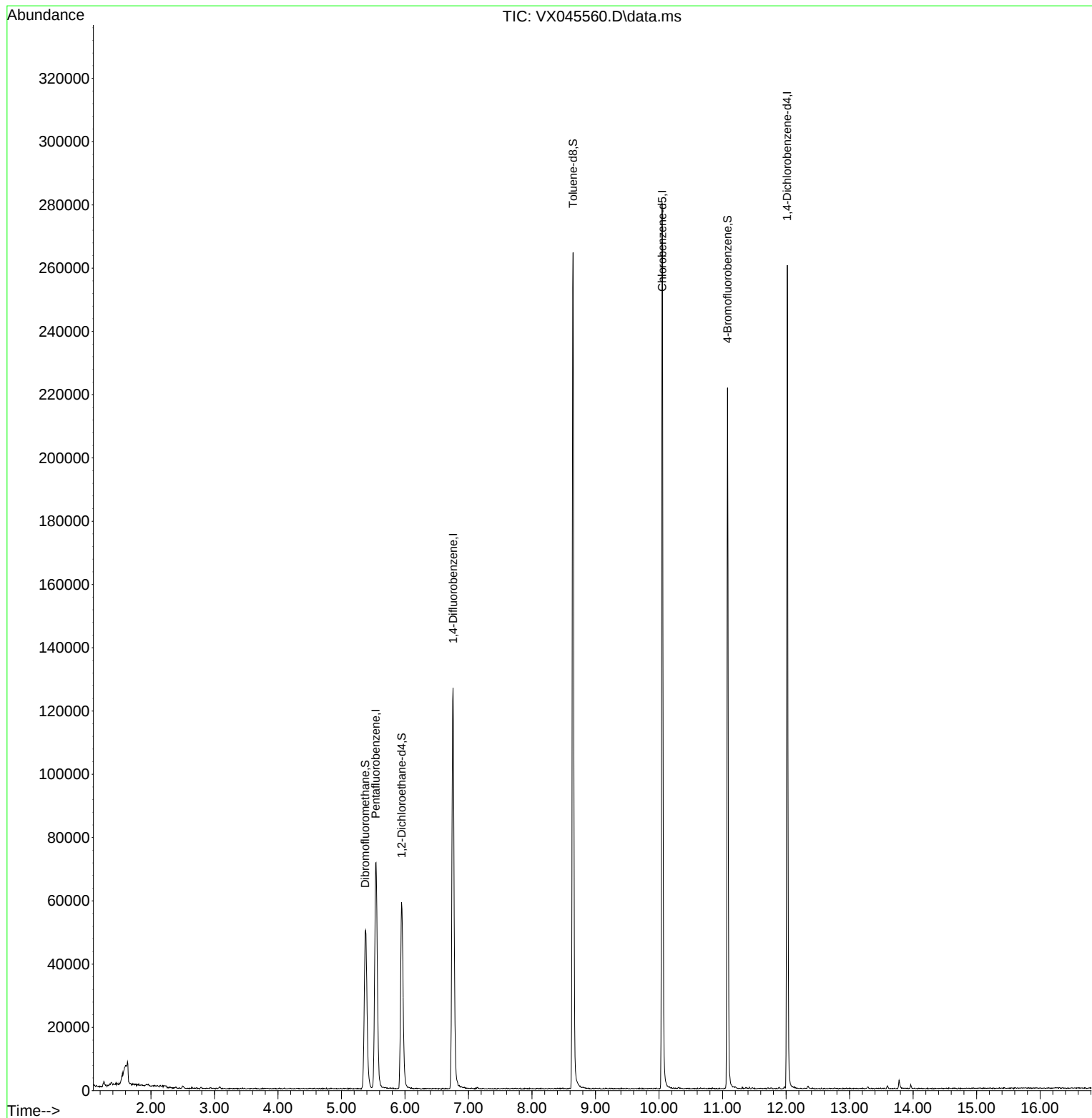
Target Compounds	Qvalue

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

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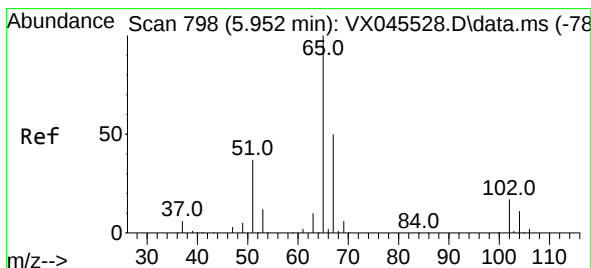
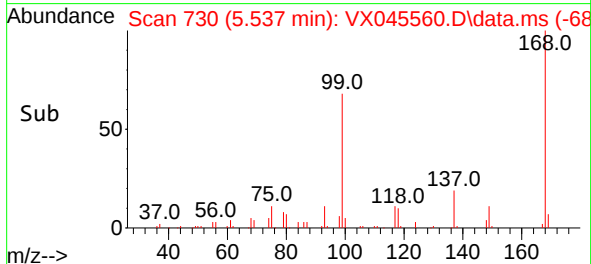
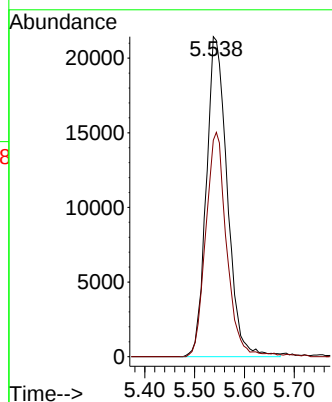
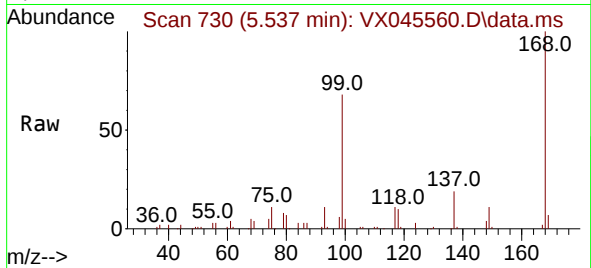




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX045560.D
Acq: 03 Apr 2025 10:58

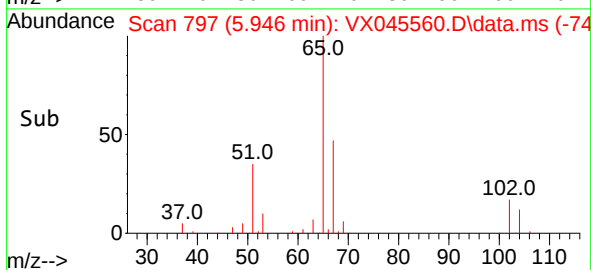
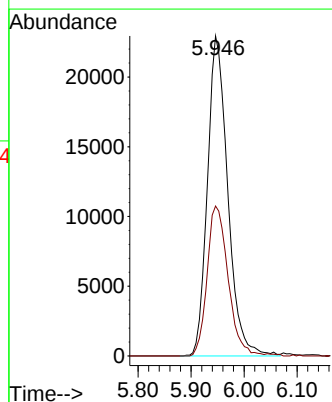
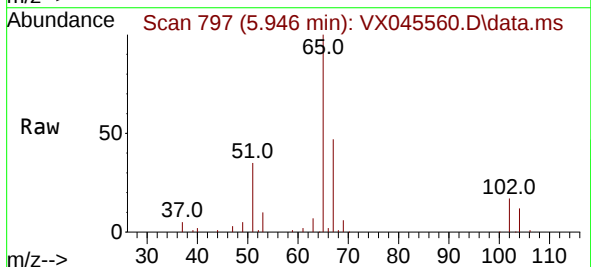
Instrument :
MSVOA_X
ClientSampleId :
VX0403MBL01

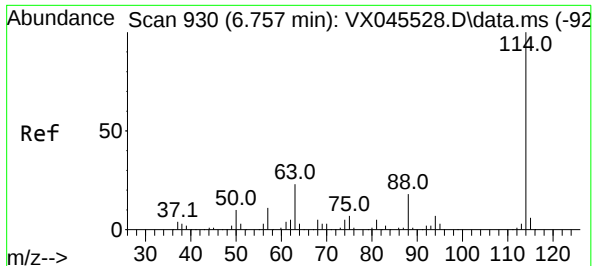
Tgt Ion:168 Resp: 62505
Ion Ratio Lower Upper
168 100
99 67.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.425 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045560.D
Acq: 03 Apr 2025 10:58

Tgt Ion: 65 Resp: 61068
Ion Ratio Lower Upper
65 100
67 48.3 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: VX045560.D

Acq: 03 Apr 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0403MBL01

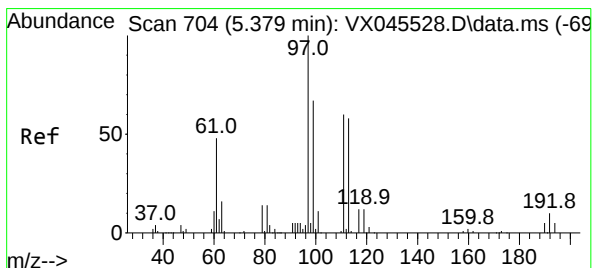
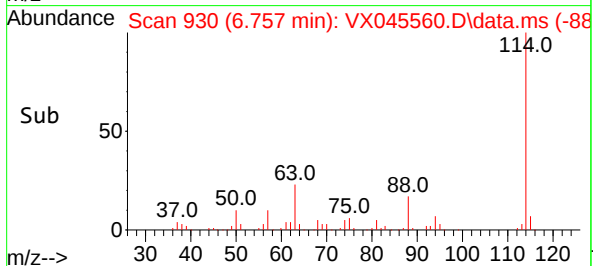
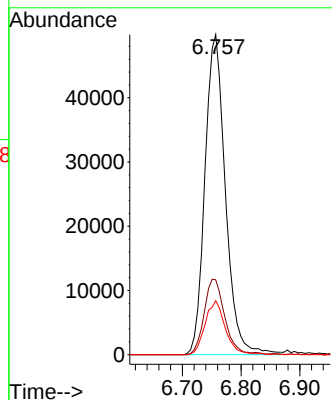
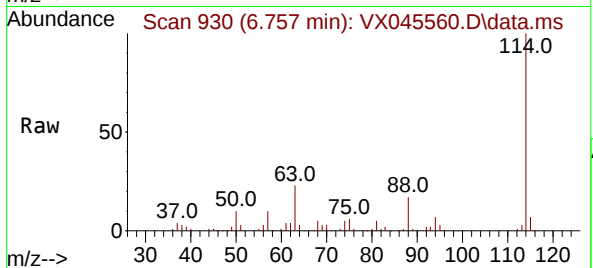
Tgt Ion:114 Resp: 120795

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.8

88 16.9 0.0 35.4



#35

Dibromofluoromethane

Concen: 52.601 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX045560.D

Acq: 03 Apr 2025 10:58

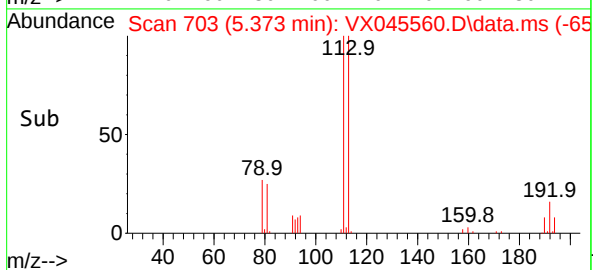
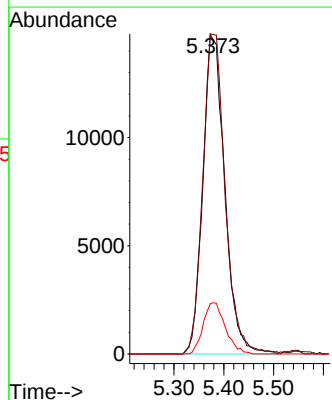
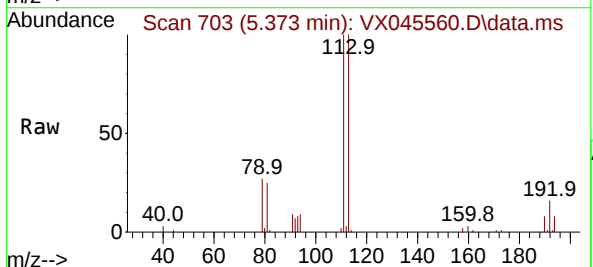
Tgt Ion:113 Resp: 45081

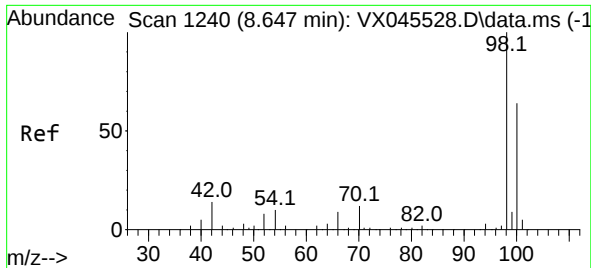
Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.6

192 16.1 13.8 20.6

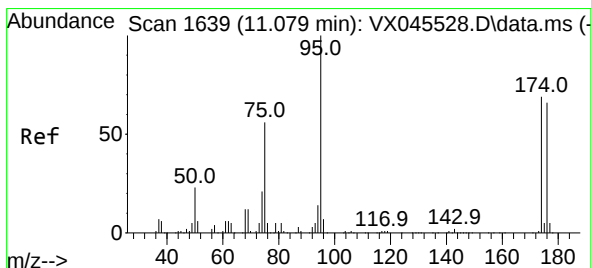
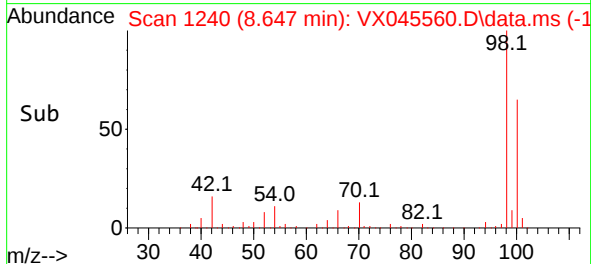
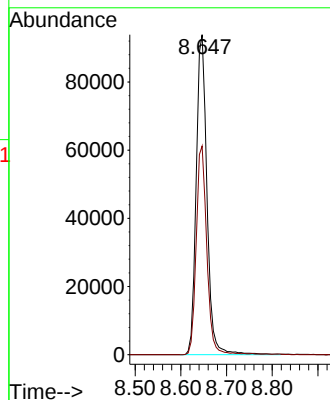
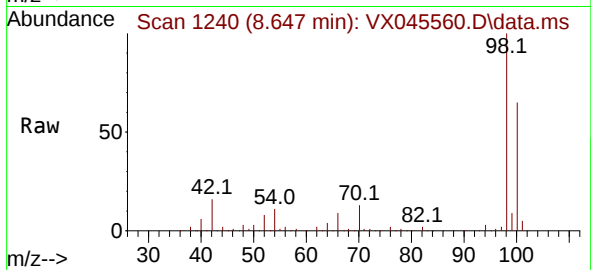




#50
Toluene-d8
Concen: 51.340 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045560.D
Acq: 03 Apr 2025 10:58

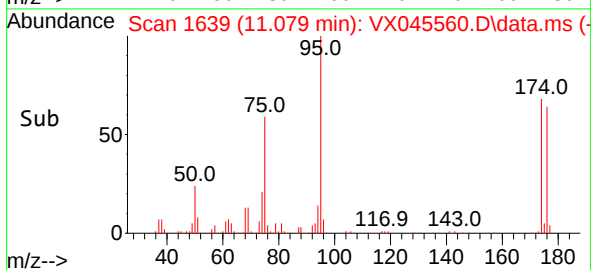
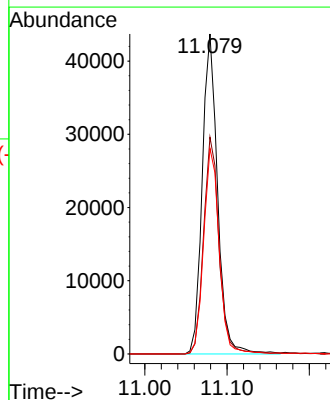
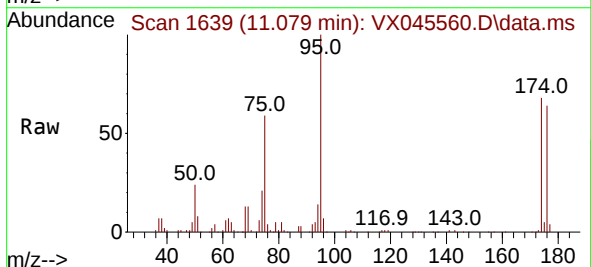
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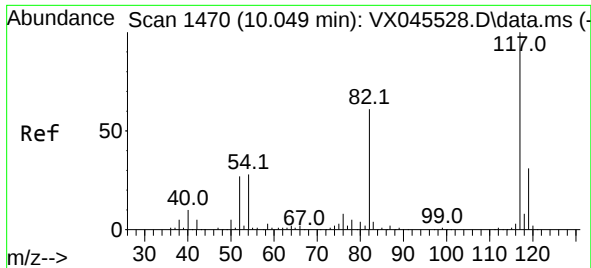
Tgt Ion: 98 Resp: 153580
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.033 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045560.D
Acq: 03 Apr 2025 10:58

Tgt Ion: 95 Resp: 56696
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 65.3 0.0 131.4

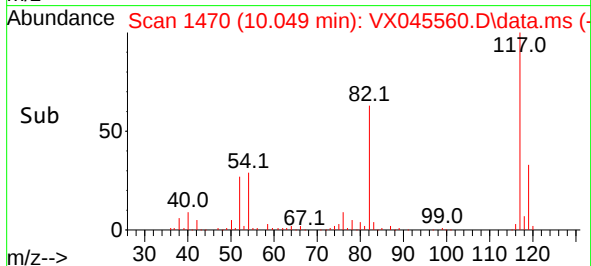
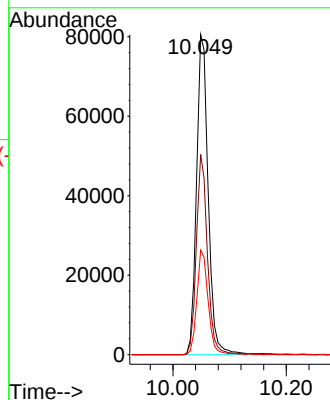
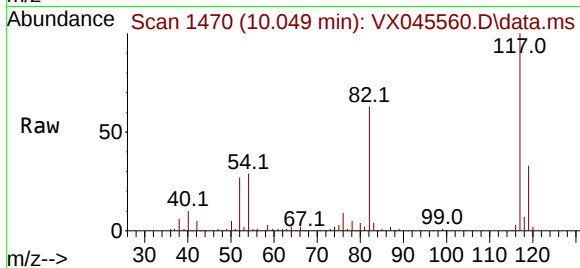




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045560.D
Acq: 03 Apr 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0403MBL01

Tgt Ion:117 Resp: 115240
Ion Ratio Lower Upper
117 100
82 62.5 49.2 73.8
119 32.7 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: VX045560.D
Acq: 03 Apr 2025 10:58

Tgt Ion:152 Resp: 47839
Ion Ratio Lower Upper
152 100
115 63.7 46.9 140.7
150 157.2 0.0 349.4

