

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046434.D
 Acq On : 02 Jun 2025 10:51
 Operator : JC/MD
 Sample : VX0602MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBL01

Quant Time: Jun 03 01:25:35 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	5.544	168	62792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	125818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63226	54.010	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.020%
35) Dibromofluoromethane	5.379	113	46821	51.678	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.360%
50) Toluene-d8	8.641	98	157738	50.301	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.079	95	62867	52.264	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.520%

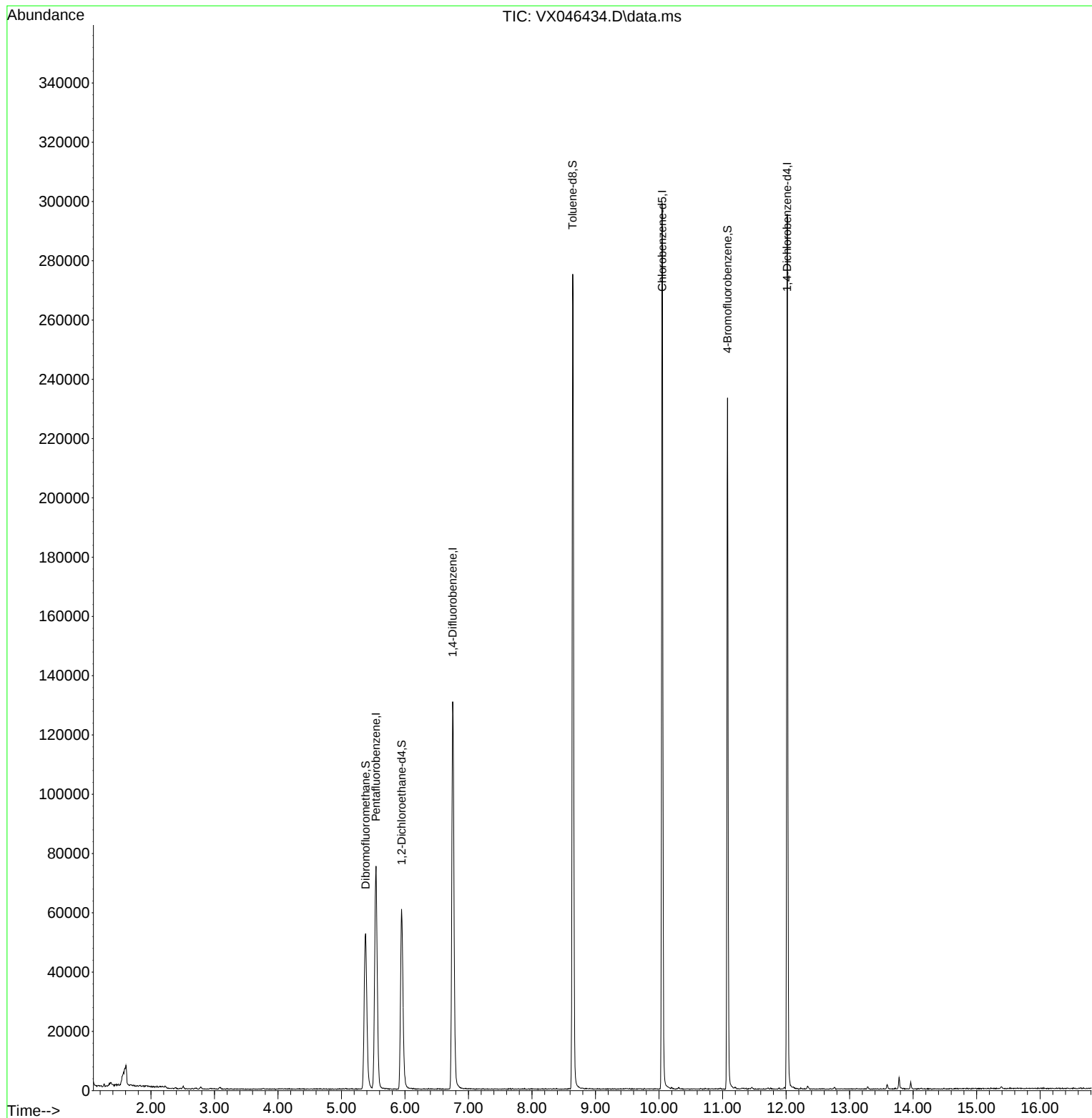
Target Compounds	Qvalue

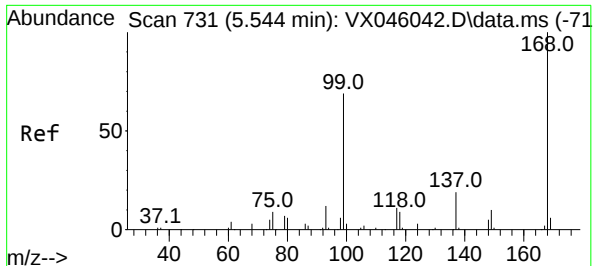
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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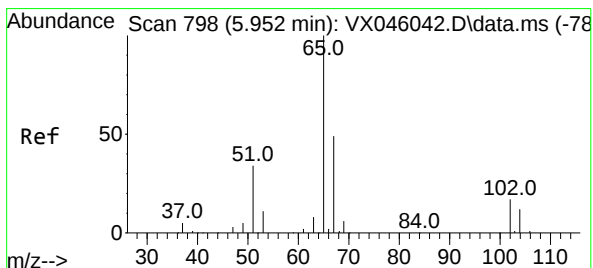
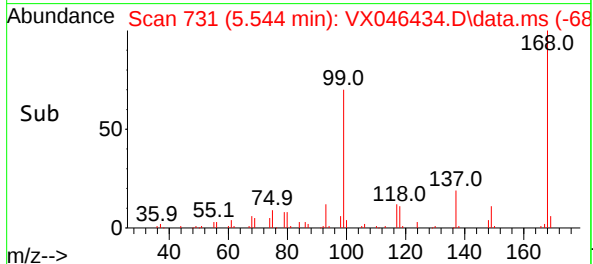
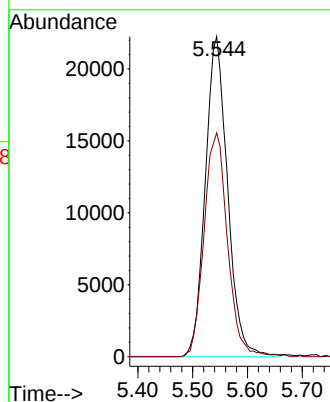
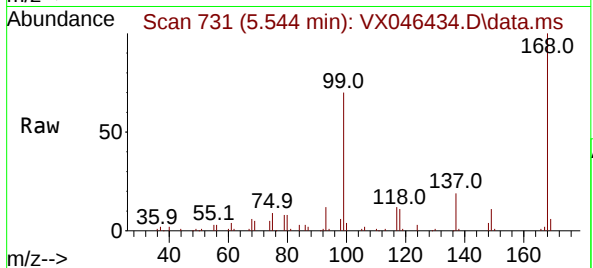




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046434.D
Acq: 02 Jun 2025 10:51

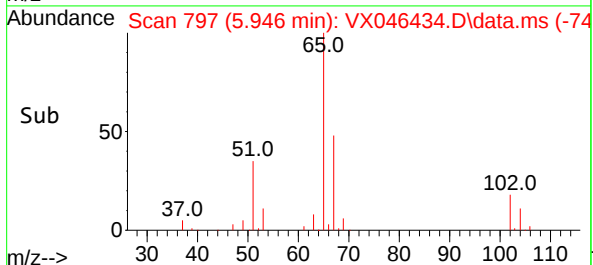
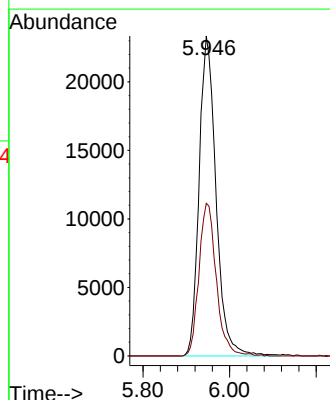
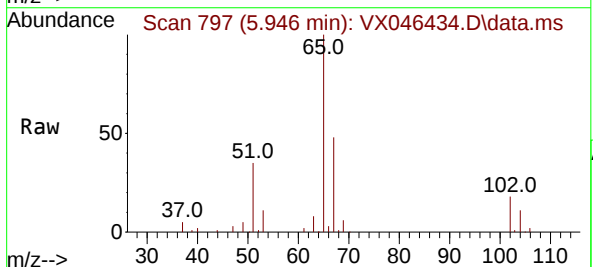
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBL01

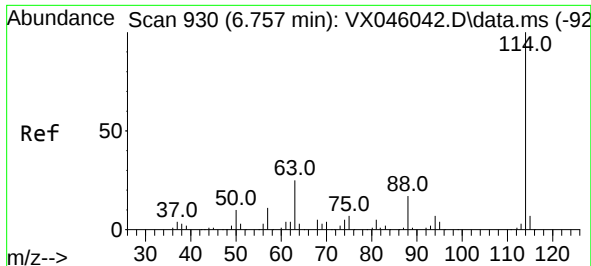
Tgt Ion:168 Resp: 62792
Ion Ratio Lower Upper
168 100
99 70.0 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 54.010 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046434.D
Acq: 02 Jun 2025 10:51

Tgt Ion: 65 Resp: 63226
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX046434.D

Acq: 02 Jun 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0602MBL01

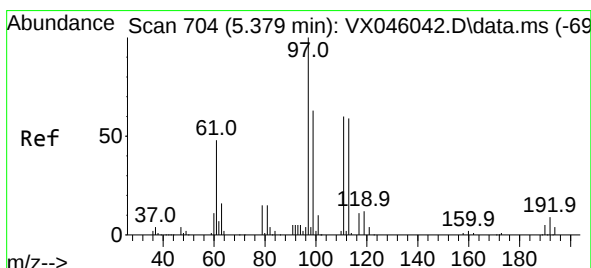
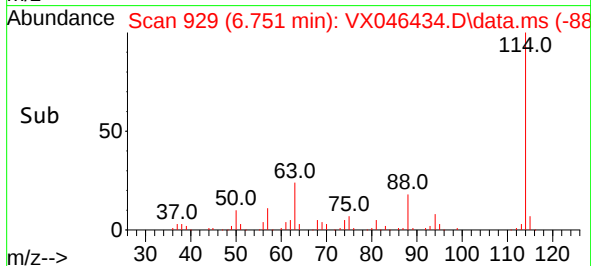
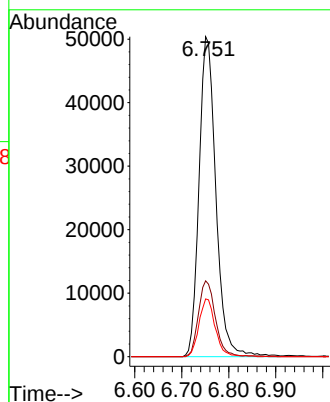
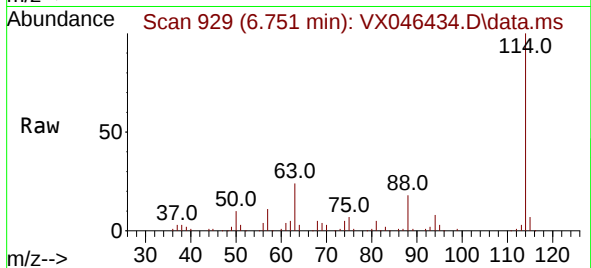
Tgt Ion:114 Resp: 125818

Ion Ratio Lower Upper

114 100

63 23.7 0.0 49.2

88 18.1 0.0 33.6



#35

Dibromofluoromethane

Concen: 51.678 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046434.D

Acq: 02 Jun 2025 10:51

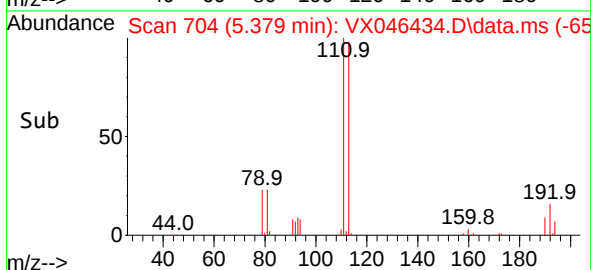
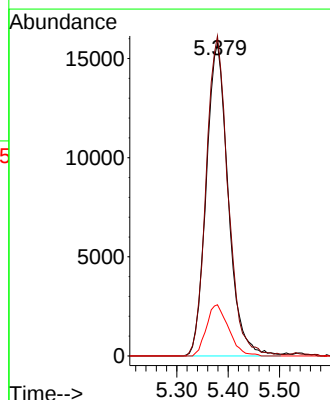
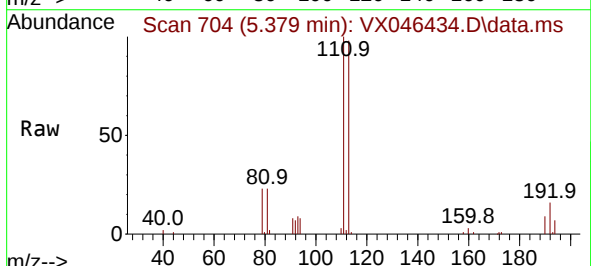
Tgt Ion:113 Resp: 46821

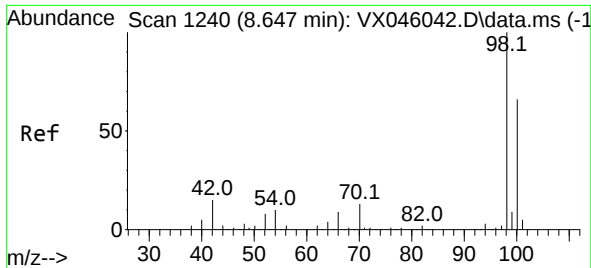
Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

192 16.6 13.3 19.9

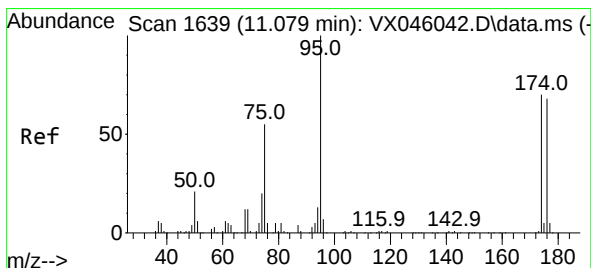
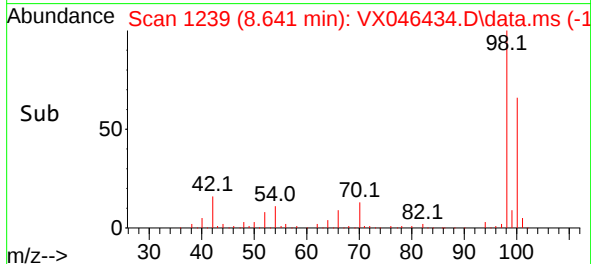
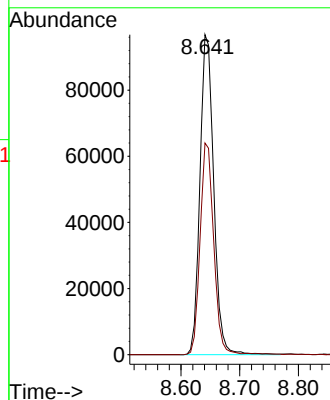
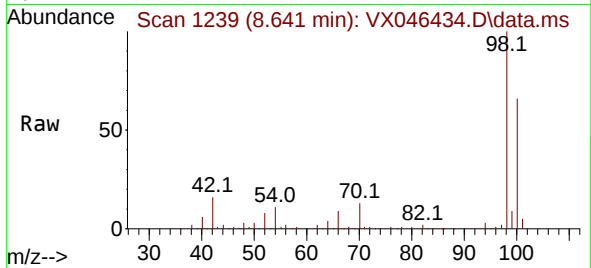




#50
Toluene-d8
Concen: 50.301 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046434.D
Acq: 02 Jun 2025 10:51

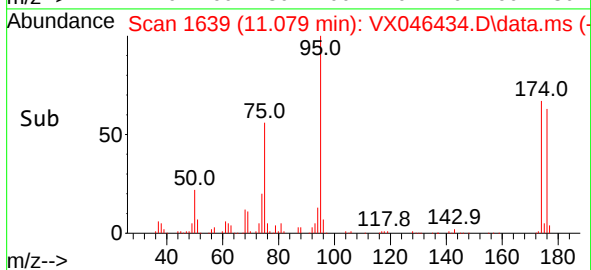
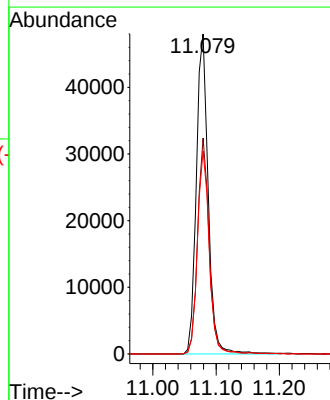
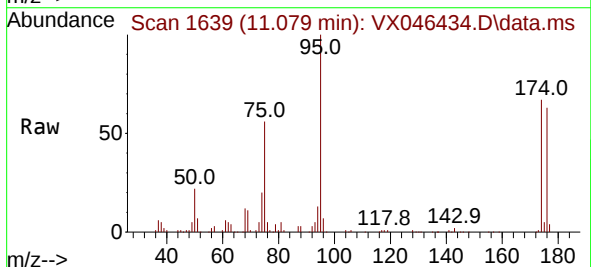
Instrument :
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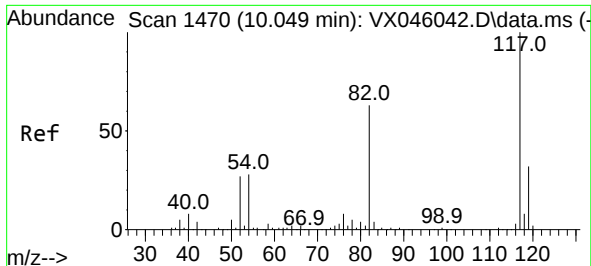
Tgt Ion: 98 Resp: 157738
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046434.D
Acq: 02 Jun 2025 10:51

Tgt Ion: 95 Resp: 62867
Ion Ratio Lower Upper
95 100
174 65.1 0.0 135.8
176 62.6 0.0 131.4

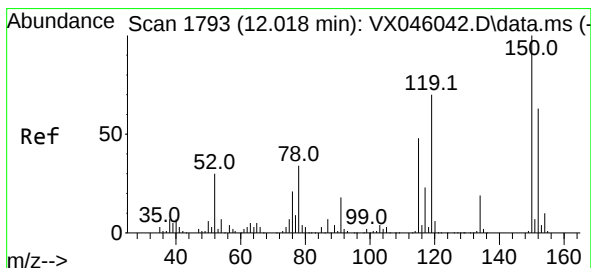
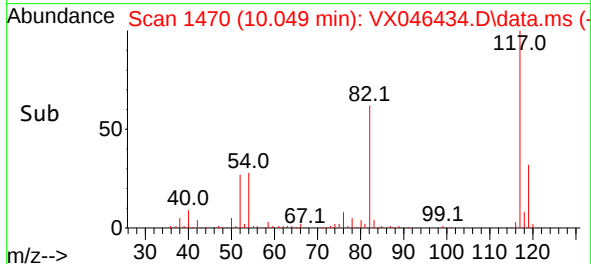
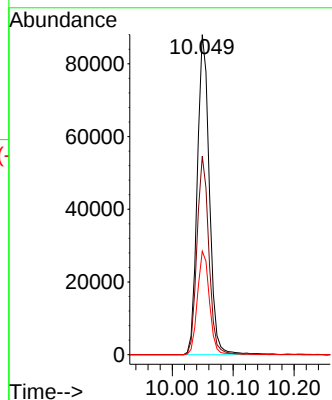
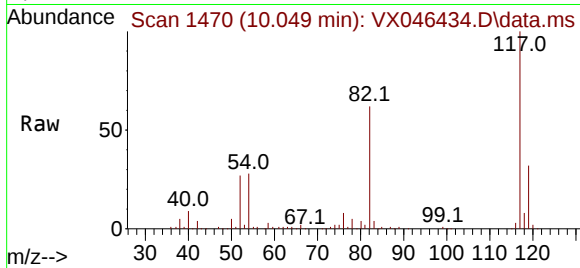




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046434.D
Acq: 02 Jun 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0602MBL01

Tgt Ion:117 Resp: 120866
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 32.3 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: VX046434.D
Acq: 02 Jun 2025 10:51

Tgt Ion:152 Resp: 52645
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 159.1 0.0 351.0

