

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046461.D
 Acq On : 03 Jun 2025 10:38
 Operator : JC/MD
 Sample : VX0603MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603MBL01

Quant Time: Jun 04 01:22:40 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	73865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	145814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	70467	51.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.340%
35) Dibromofluoromethane	5.373	113	51990	49.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	8.647	98	183415	50.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.940%
62) 4-Bromofluorobenzene	11.079	95	74990	53.793	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.580%

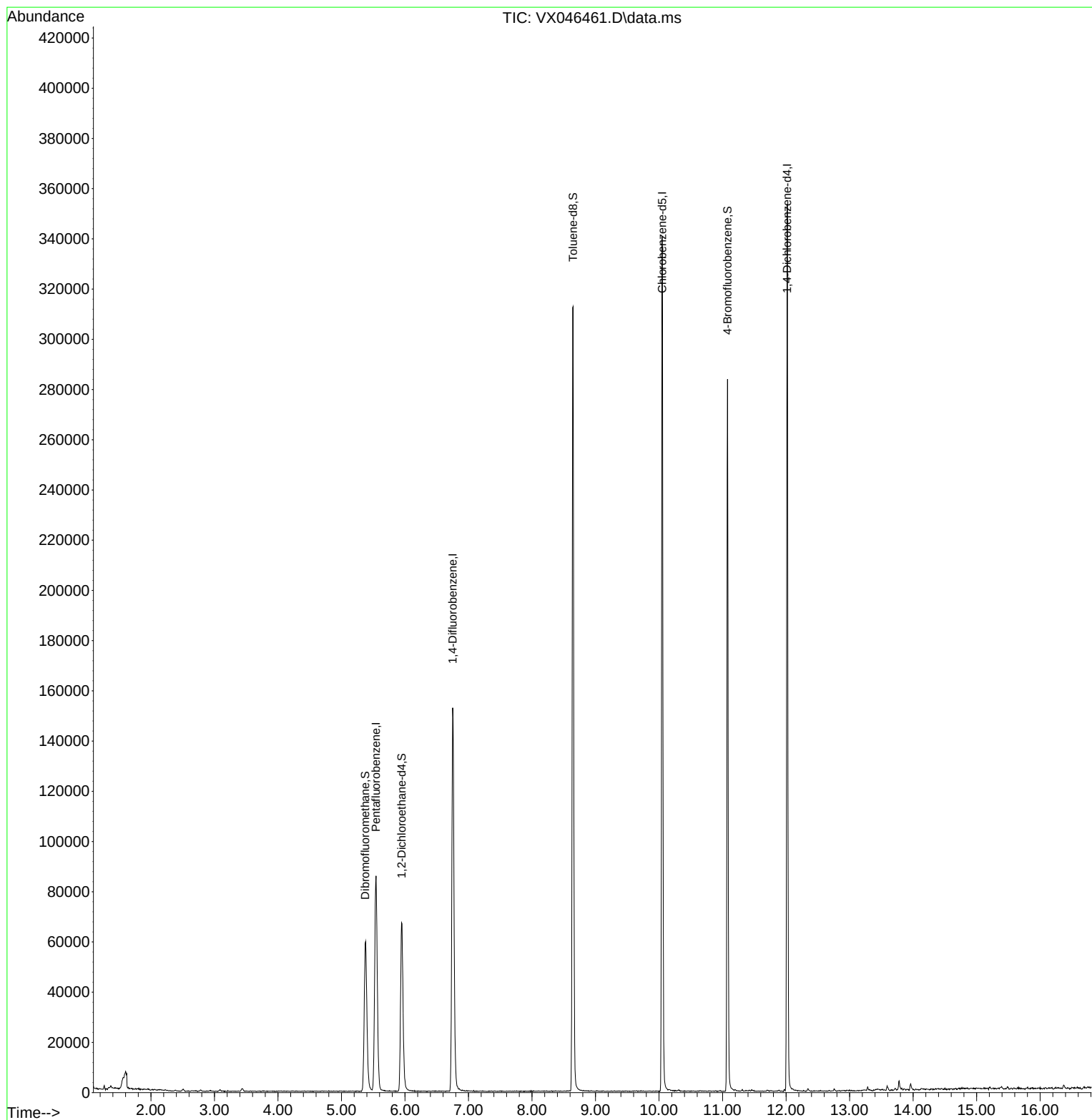
Target Compounds	Qvalue

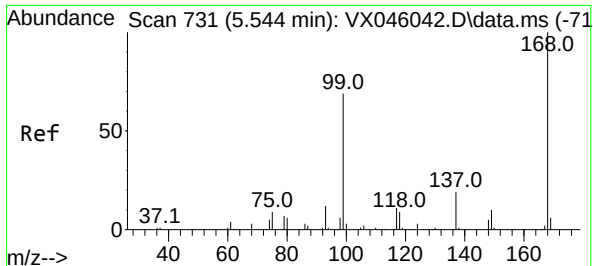
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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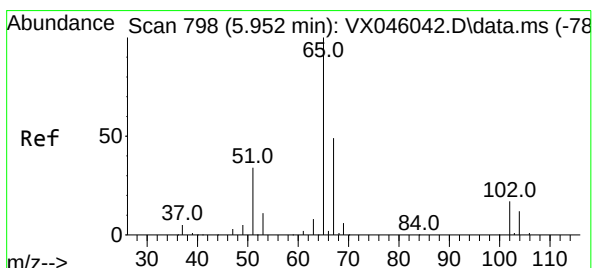
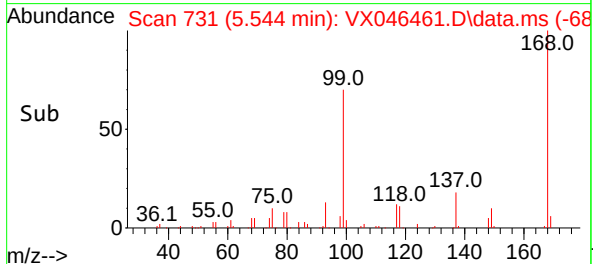
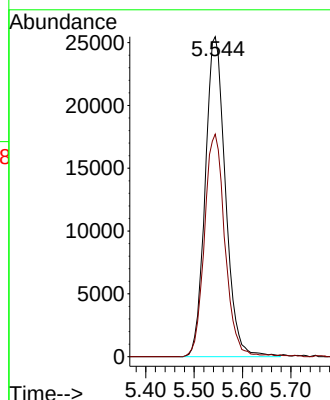
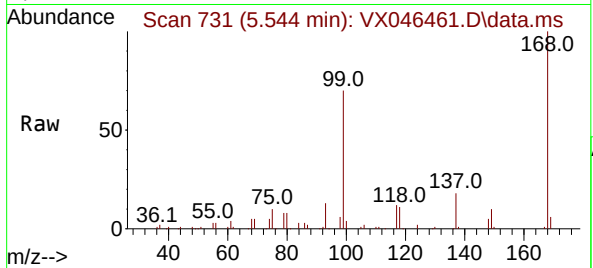




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

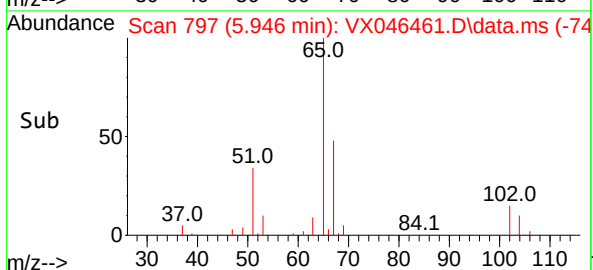
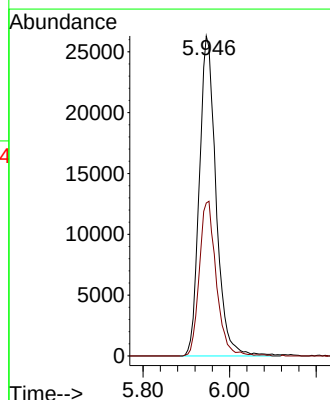
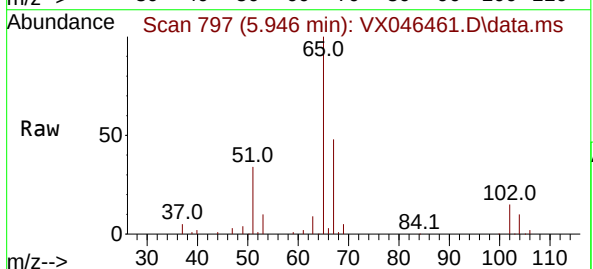
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

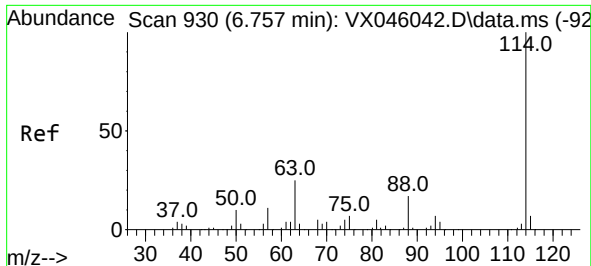
Tgt Ion:168 Resp: 73865
Ion Ratio Lower Upper
168 100
99 69.5 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 51.171 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion: 65 Resp: 70467
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

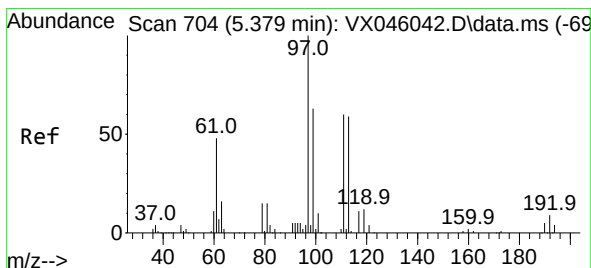
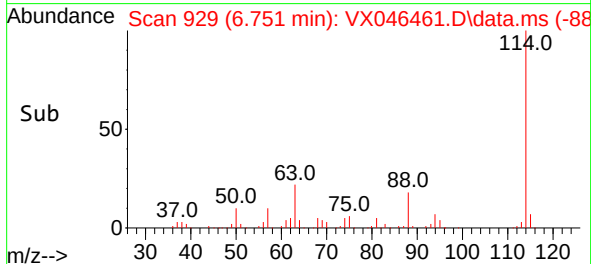
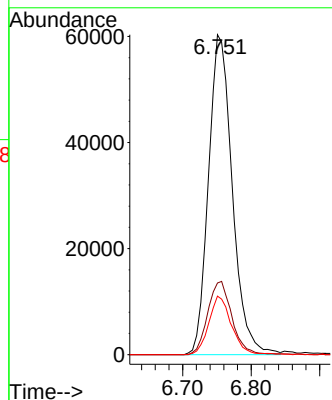
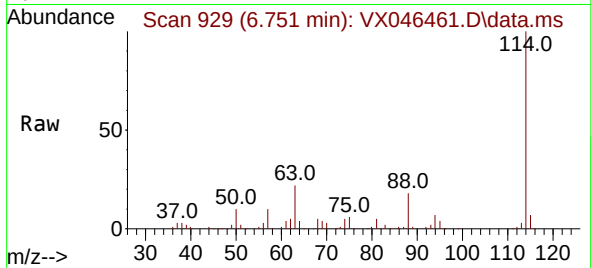




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

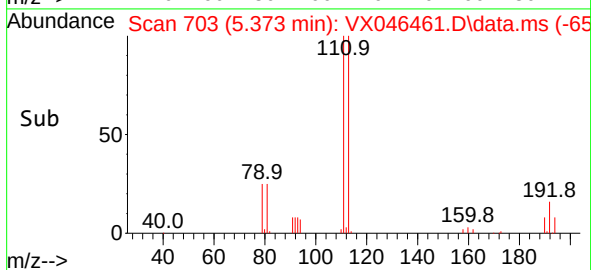
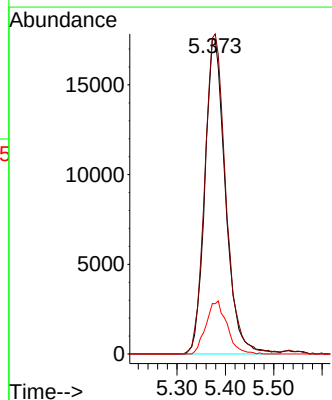
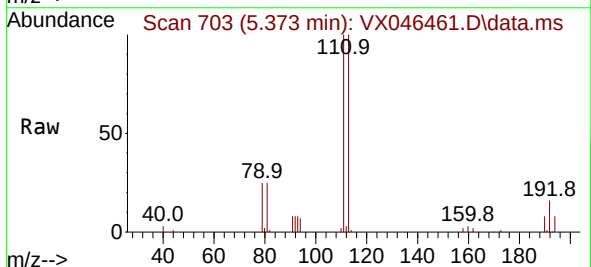
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

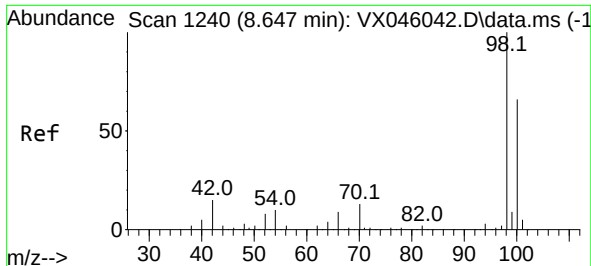
Tgt Ion:114 Resp: 145814
Ion Ratio Lower Upper
114 100
63 22.4 0.0 49.2
88 18.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.514 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion:113 Resp: 51990
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 17.0 13.3 19.9

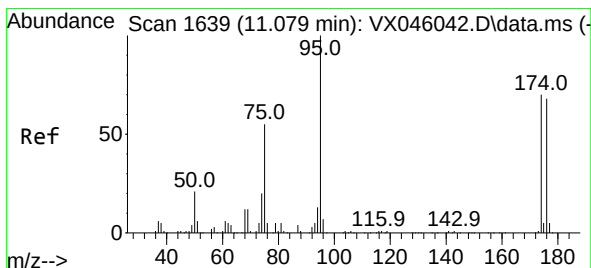
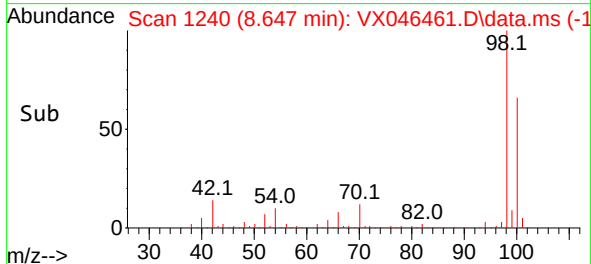
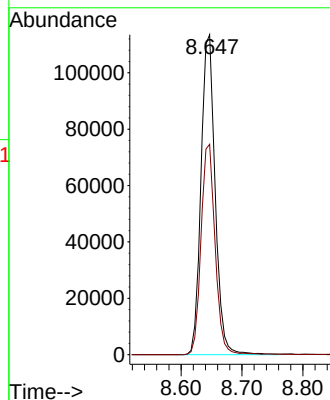
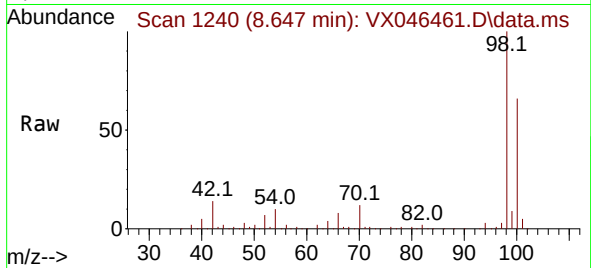




#50
Toluene-d8
Concen: 50.469 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

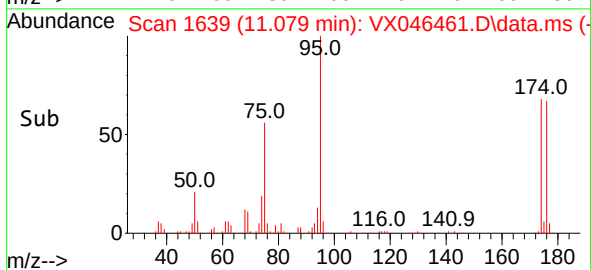
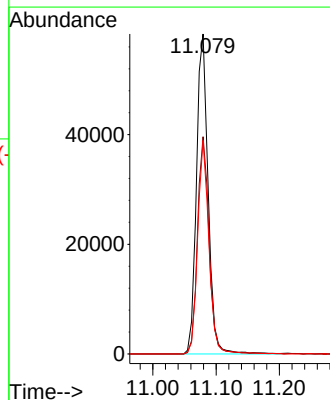
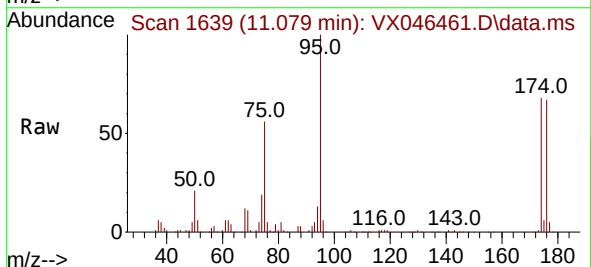
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

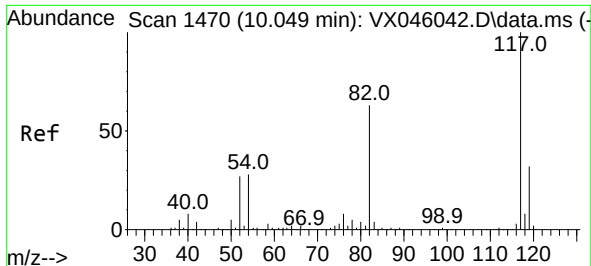
Tgt Ion: 98 Resp: 183415
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion: 95 Resp: 74990
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.4 0.0 131.4

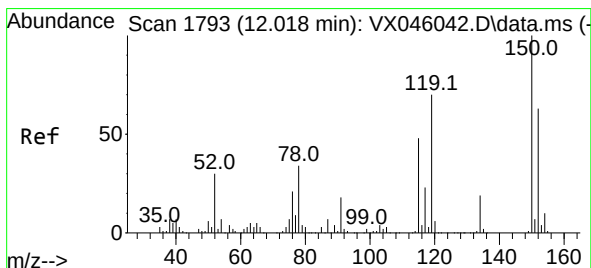
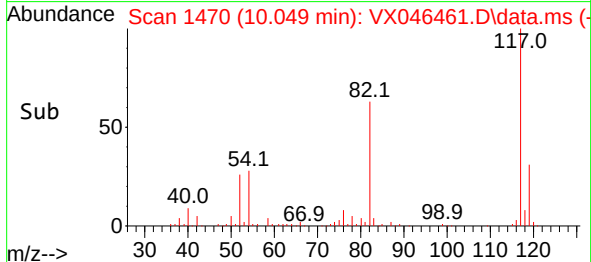
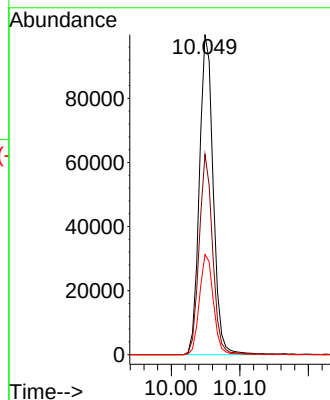
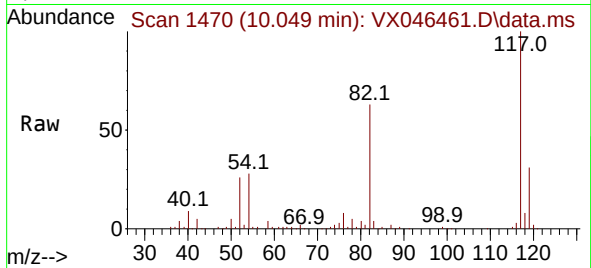




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046461.D
Acq: 03 Jun 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

Tgt Ion:117 Resp: 140473
Ion Ratio Lower Upper
117 100
82 62.6 50.6 76.0
119 31.3 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: VX046461.D
Acq: 03 Jun 2025 10:38

Tgt Ion:152 Resp: 64154
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 156.2 0.0 351.0

