

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046126.D
 Acq On : 12 May 2025 10:27
 Operator : JC/MD
 Sample : VX0512MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512MBL01

Quant Time: May 13 03:13:42 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	5.537	168	71740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	139531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58110	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68221	51.008	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.020%
35) Dibromofluoromethane	5.379	113	48740	48.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.020%
50) Toluene-d8	8.640	98	172334	49.555	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	65857	49.369	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.740%

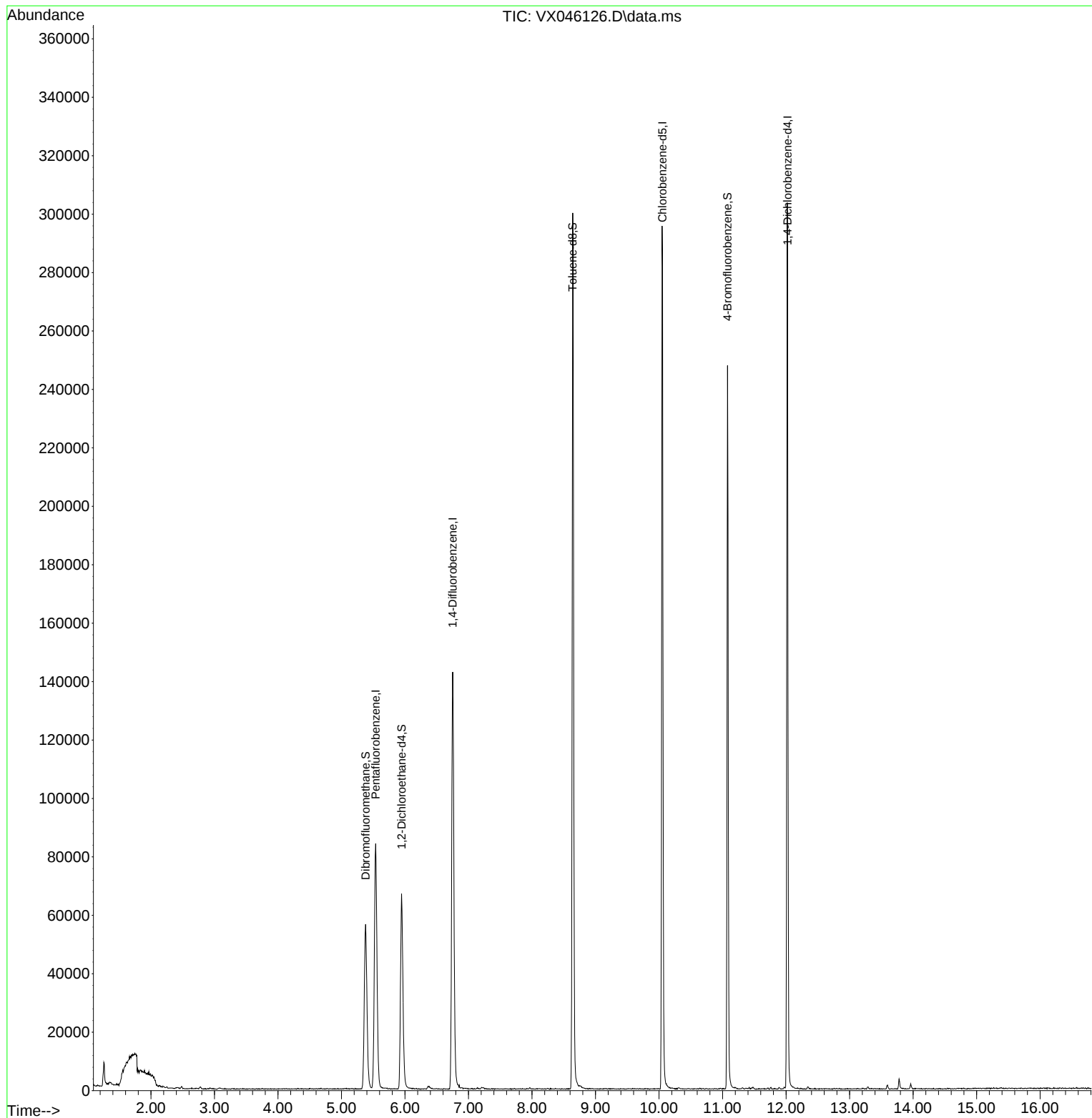
Target Compounds	Qvalue

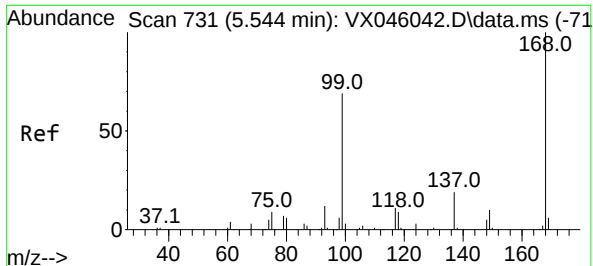
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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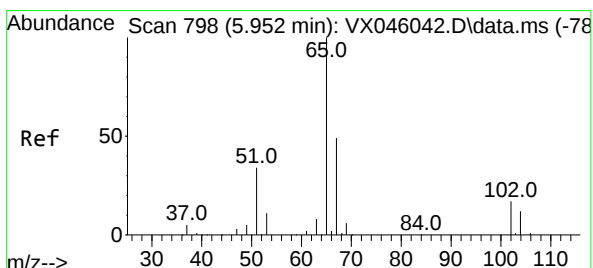
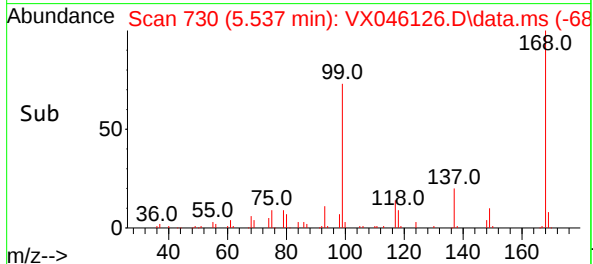
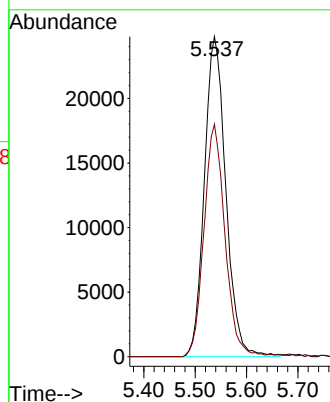
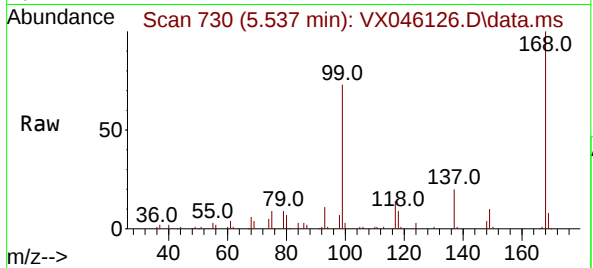




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX046126.D
Acq: 12 May 2025 10:27

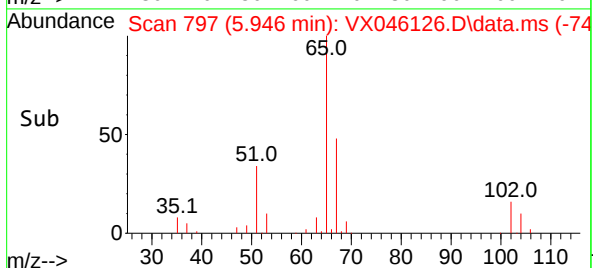
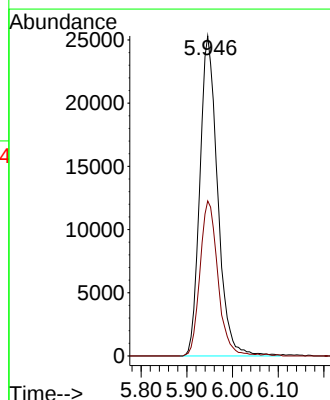
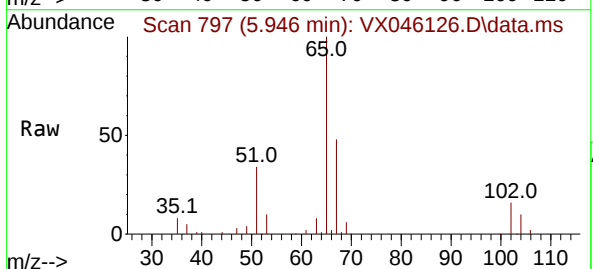
Instrument :
MSVOA_X
ClientSampleId :
VX0512MBL01

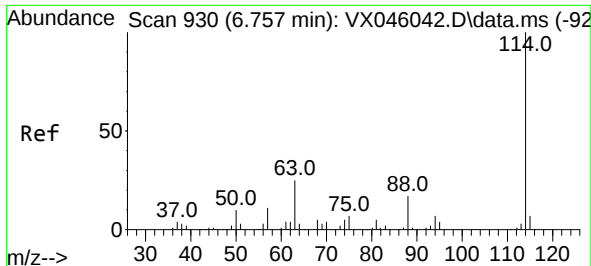
Tgt Ion:168 Resp: 71740
Ion Ratio Lower Upper
168 100
99 72.6 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 51.008 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046126.D
Acq: 12 May 2025 10:27

Tgt Ion: 65 Resp: 68221
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

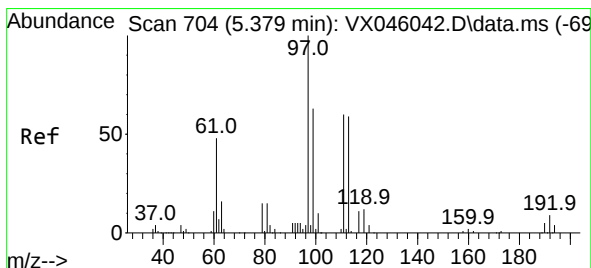
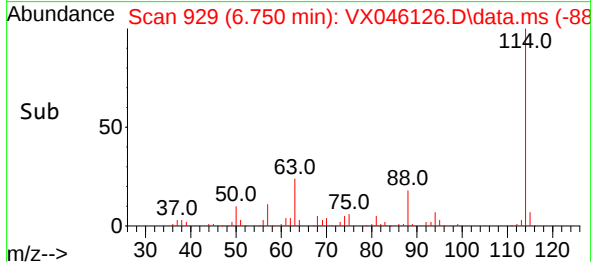
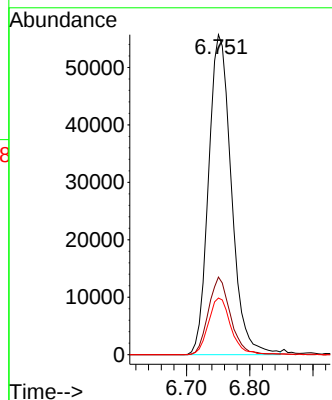
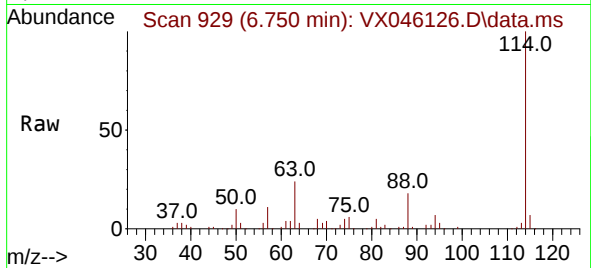




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046126.D
Acq: 12 May 2025 10:27

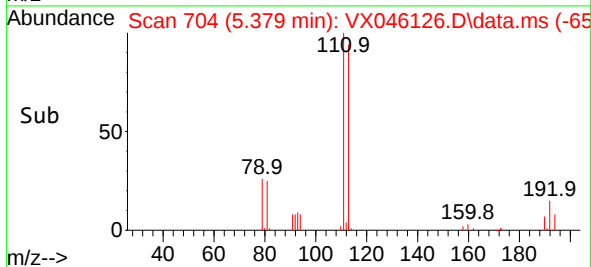
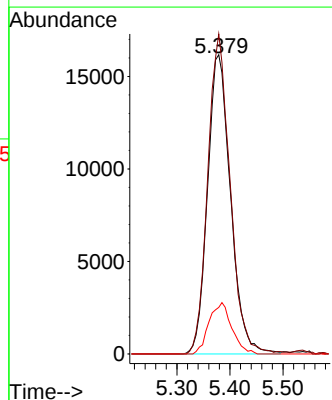
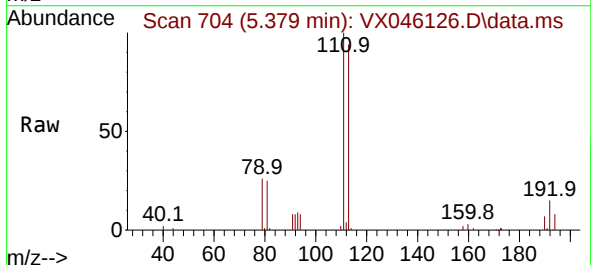
Instrument :
MSVOA_X
ClientSampleId :
VX0512MBL01

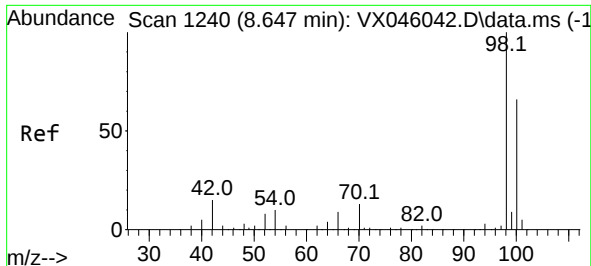
Tgt Ion:114 Resp: 139531
Ion Ratio Lower Upper
114 100
63 24.3 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.509 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046126.D
Acq: 12 May 2025 10:27

Tgt Ion:113 Resp: 48740
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 17.0 13.3 19.9

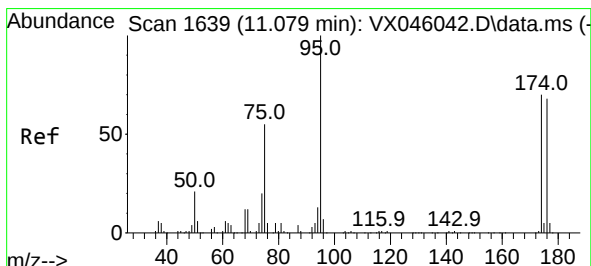
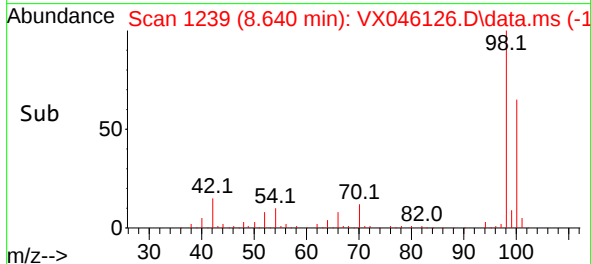
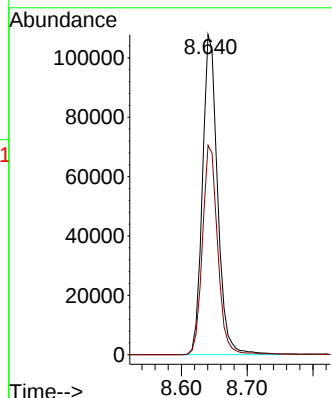
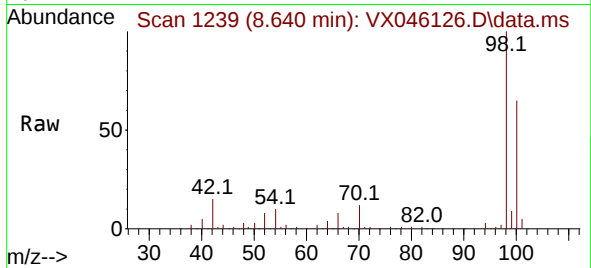




#50
Toluene-d8
Concen: 49.555 ug/l
RT: 8.640 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046126.D
Acq: 12 May 2025 10:27

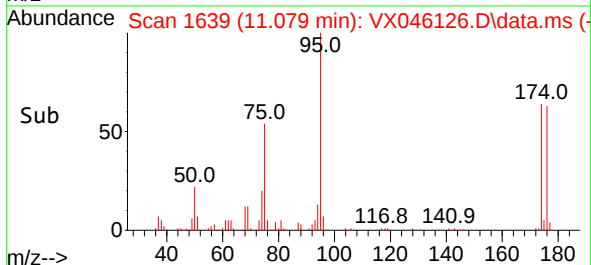
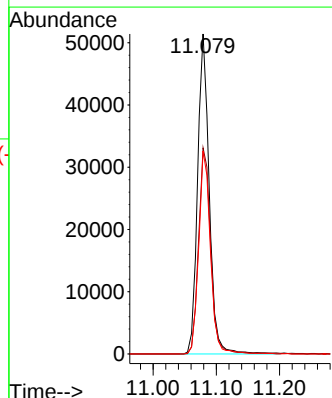
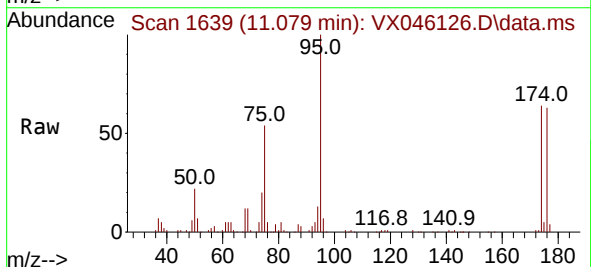
Instrument :
MSVOA_X
ClientSampleId :
VX0512MBL01

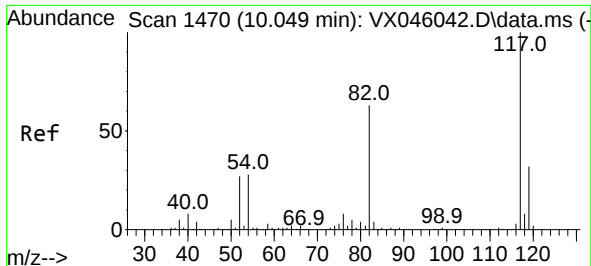
Tgt Ion: 98 Resp: 172334
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.369 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046126.D
Acq: 12 May 2025 10:27

Tgt Ion: 95 Resp: 65857
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.2 0.0 131.4

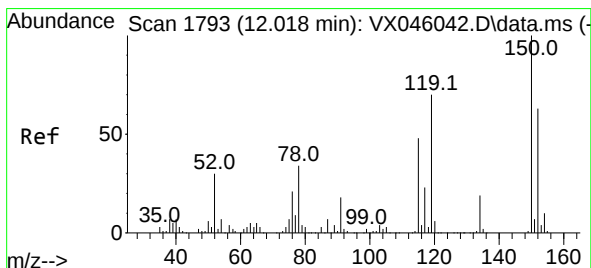
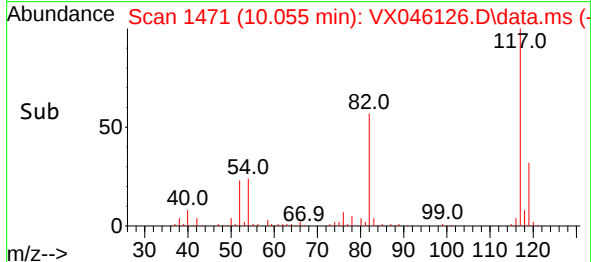
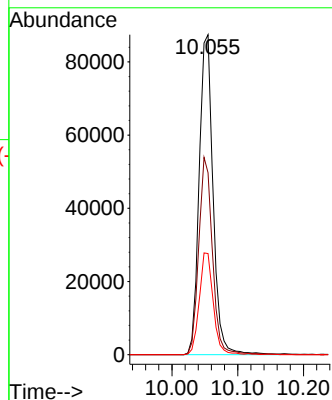
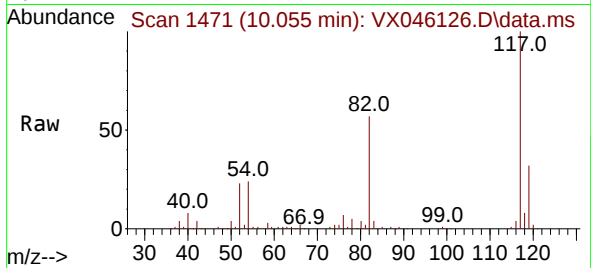




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046126.D
Acq: 12 May 2025 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0512MBL01

Tgt Ion:117 Resp: 128048
Ion Ratio Lower Upper
117 100
82 56.9 50.6 76.0
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046126.D
Acq: 12 May 2025 10:27

Tgt Ion:152 Resp: 58110
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 156.8 0.0 351.0

