

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046526.D
 Acq On : 06 Jun 2025 14:39
 Operator : JC/MD
 Sample : VX0606MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606MBL01

Quant Time: Jun 06 16:57:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	99096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	190922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	86739	49.199	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.400%
35) Dibromofluoromethane	5.397	113	65897	46.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	8.653	98	230109	49.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.079	95	99939	52.182	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.360%

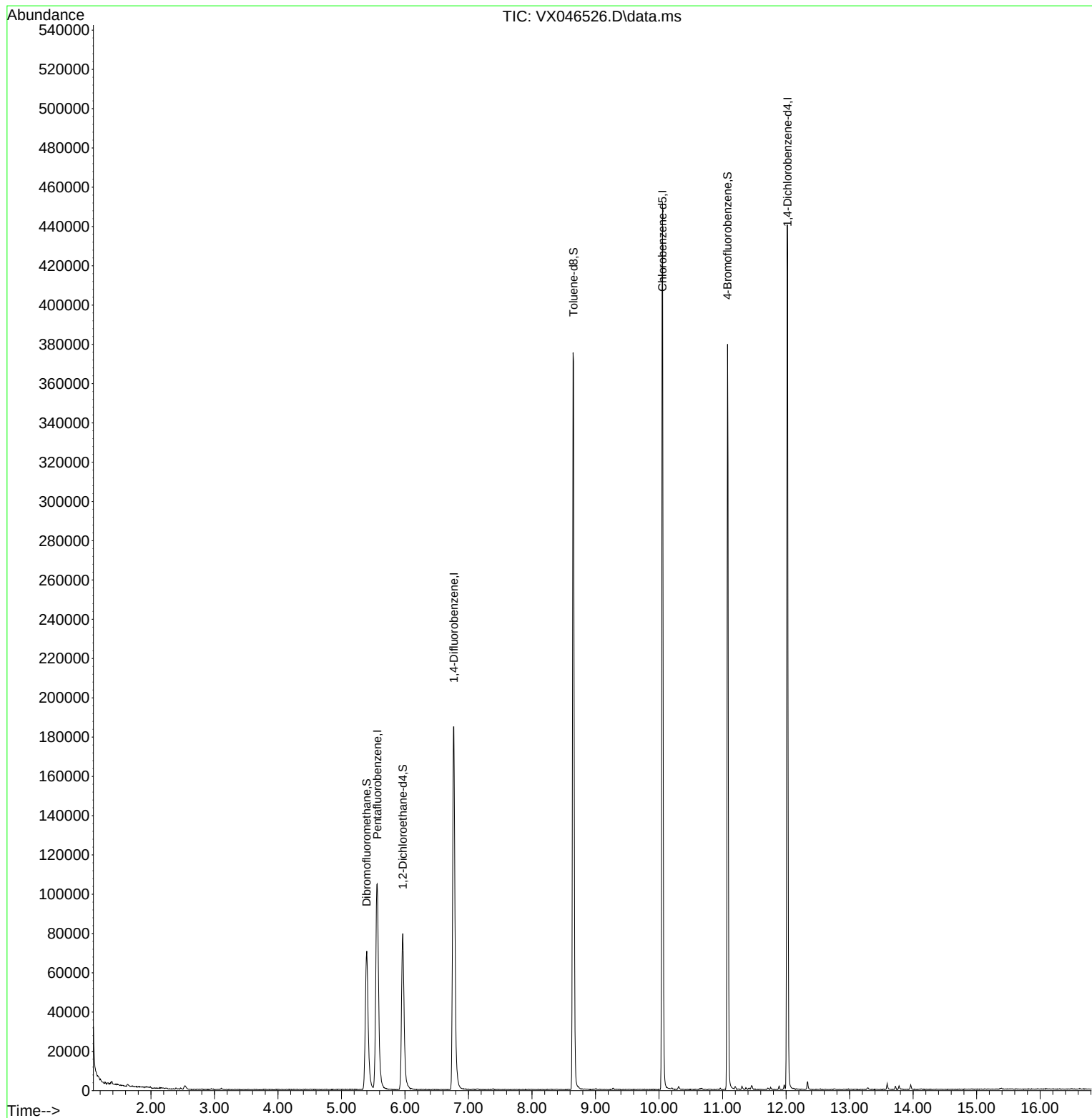
Target Compounds	Qvalue

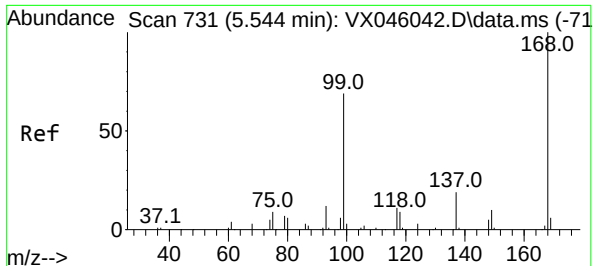
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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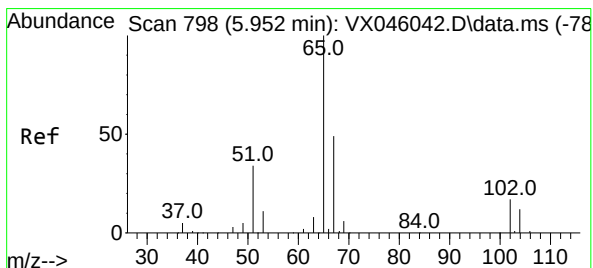
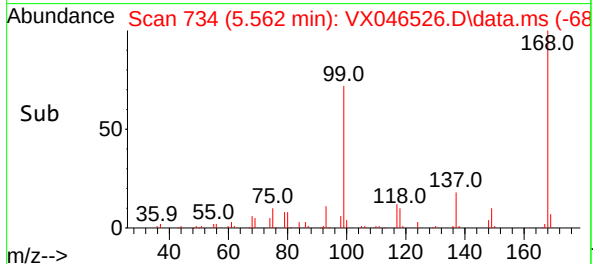
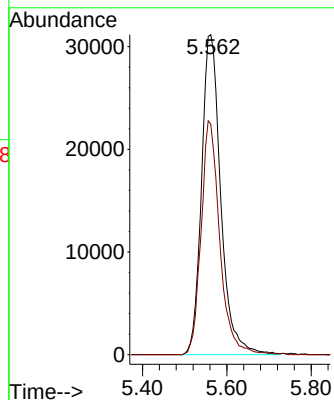
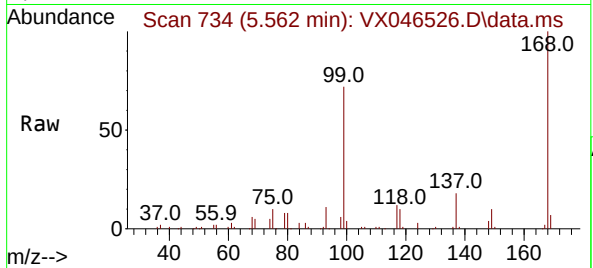




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046526.D
Acq: 06 Jun 2025 14:39

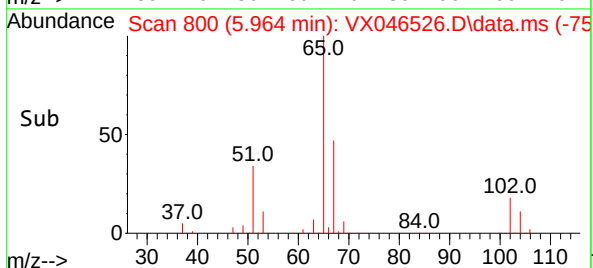
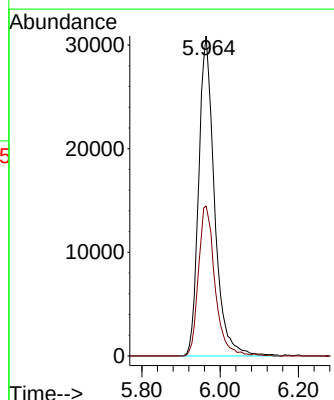
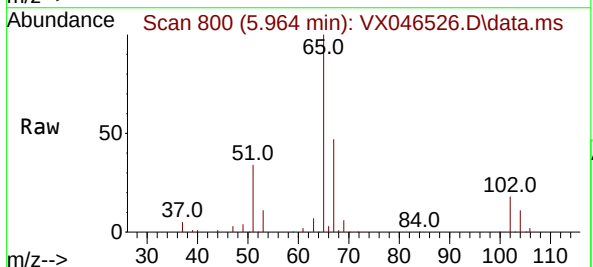
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

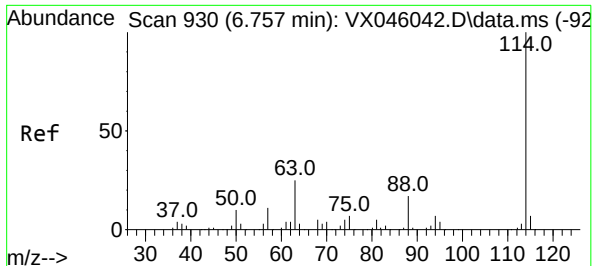
Tgt Ion:168 Resp: 99096
Ion Ratio Lower Upper
168 100
99 72.0 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 49.199 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046526.D
Acq: 06 Jun 2025 14:39

Tgt Ion: 65 Resp: 86739
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

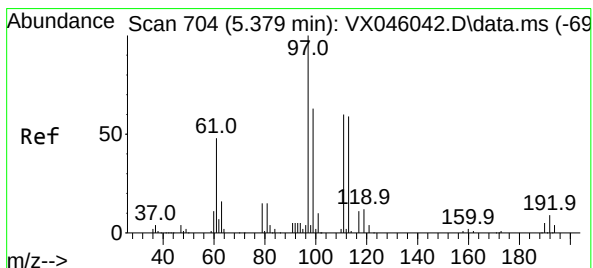
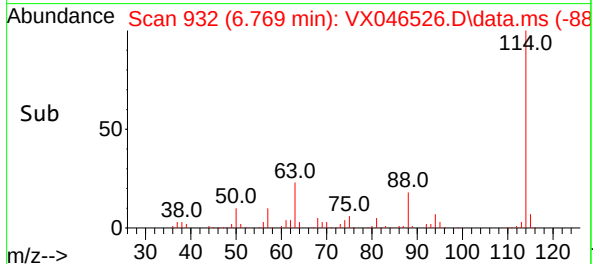
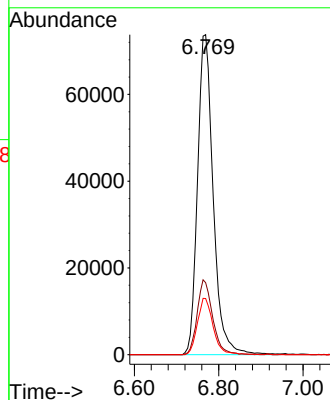
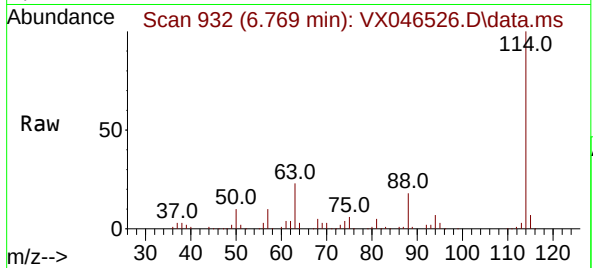




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046526.D
Acq: 06 Jun 2025 14:39

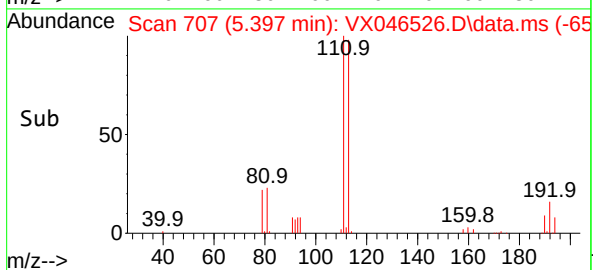
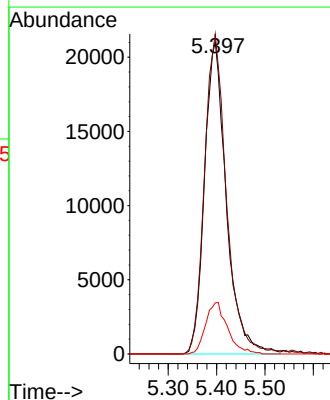
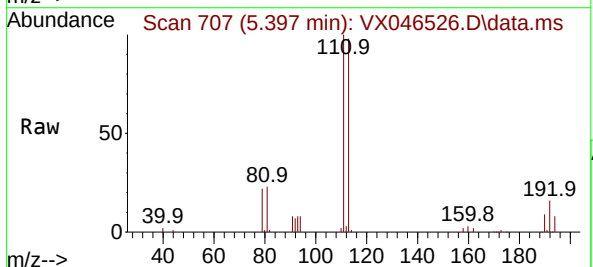
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

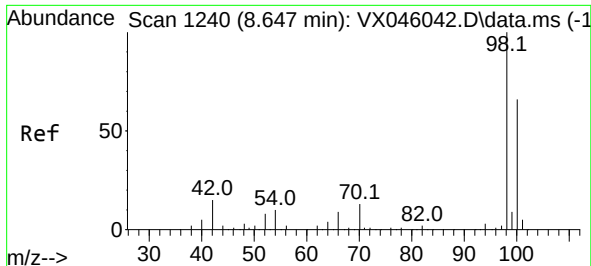
Tgt Ion:114 Resp: 190922
Ion Ratio Lower Upper
114 100
63 22.5 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 46.934 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046526.D
Acq: 06 Jun 2025 14:39

Tgt Ion:113 Resp: 65897
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 16.6 13.3 19.9

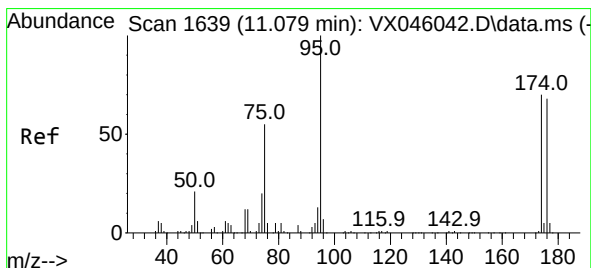
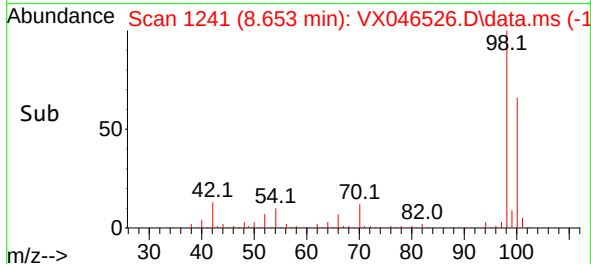
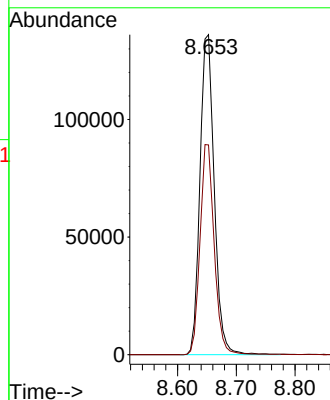
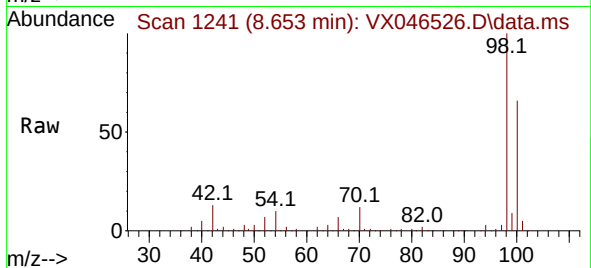




#50
Toluene-d8
Concen: 49.711 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046526.D
Acq: 06 Jun 2025 14:39

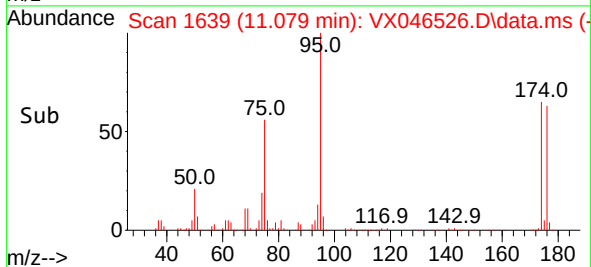
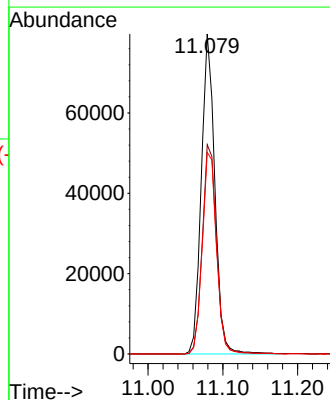
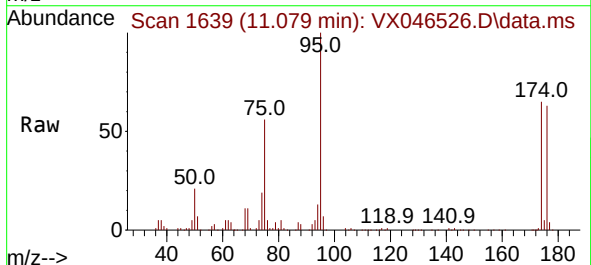
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

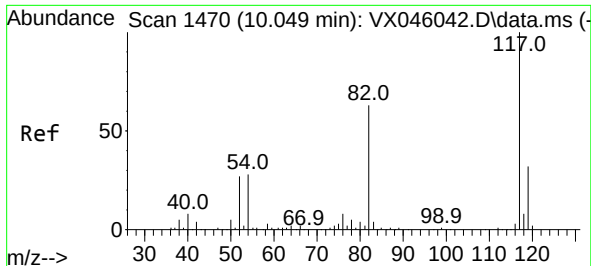
Tgt Ion: 98 Resp: 230109
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.182 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046526.D
Acq: 06 Jun 2025 14:39

Tgt Ion: 95 Resp: 99939
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.3 0.0 131.4

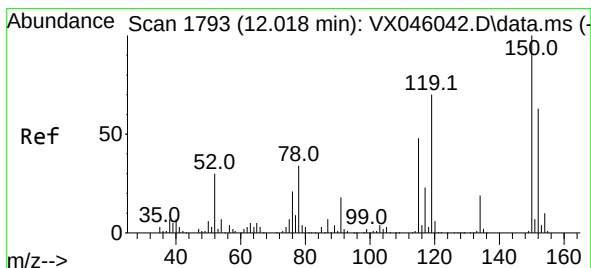
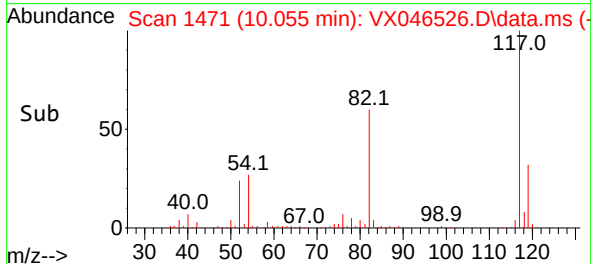
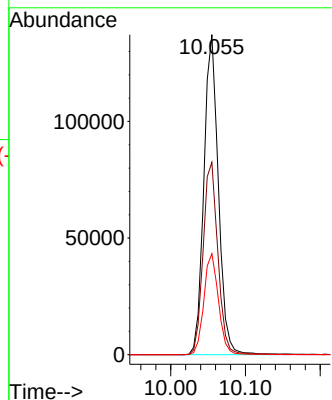
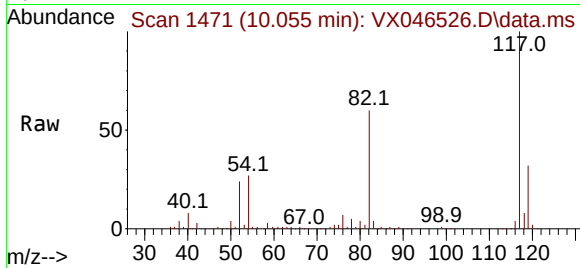




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046526.D
Acq: 06 Jun 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

Tgt Ion:117 Resp: 184829
Ion Ratio Lower Upper
117 100
82 60.1 50.6 76.0
119 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046526.D
Acq: 06 Jun 2025 14:39

Tgt Ion:152 Resp: 85691
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 156.9 0.0 351.0

