

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037579.D
 Acq On : 07 Sep 2023 15:07
 Operator : JC/MD
 Sample : 04311-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-090523

Quant Time: Sep 08 00:45:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91072	40.900	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.800%
35) Dibromofluoromethane	5.391	113	83777	48.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.647	98	294330	47.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.580%
62) 4-Bromofluorobenzene	11.079	95	108795	44.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.960%

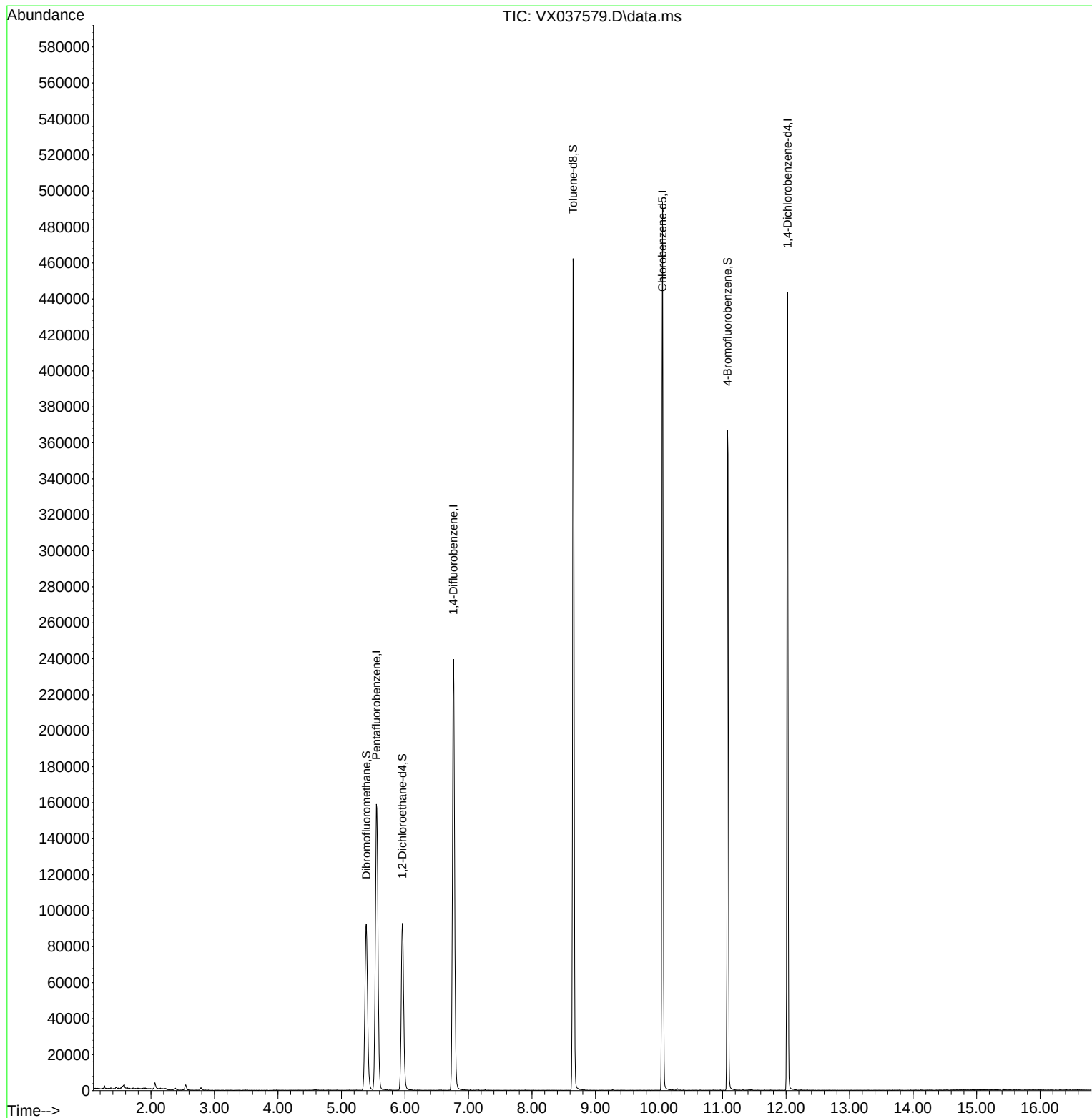
Target Compounds	Qvalue

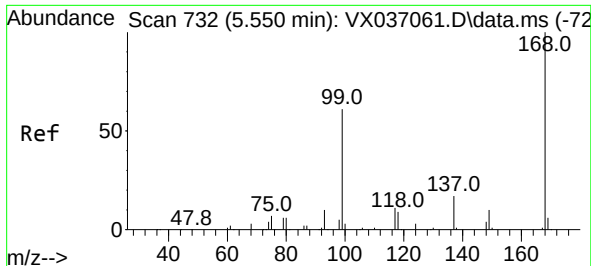
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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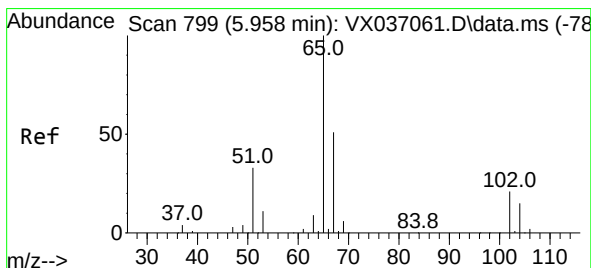
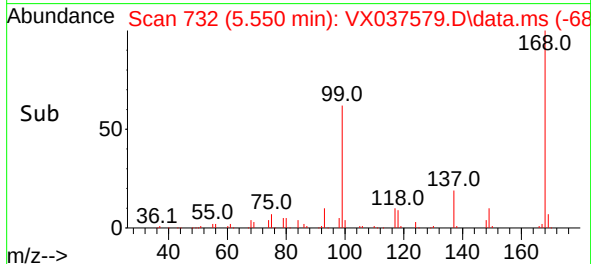
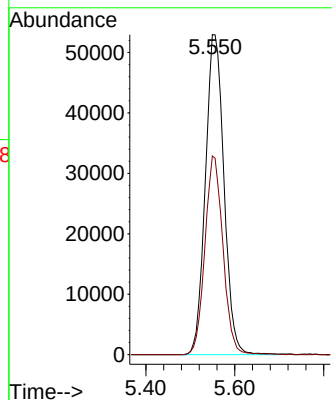
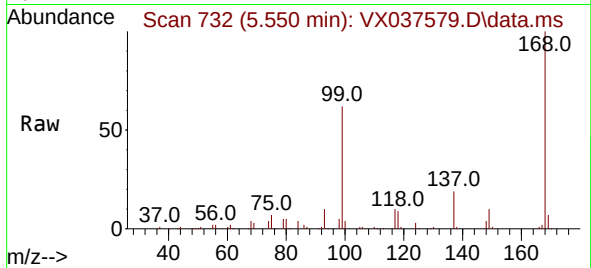




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

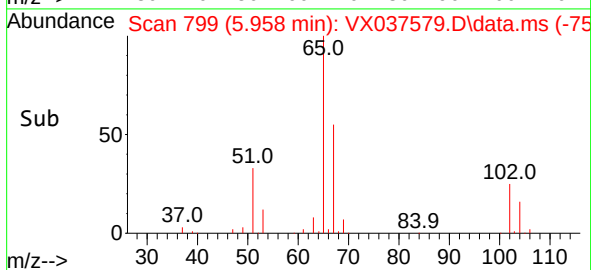
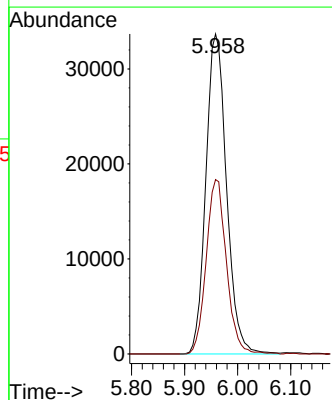
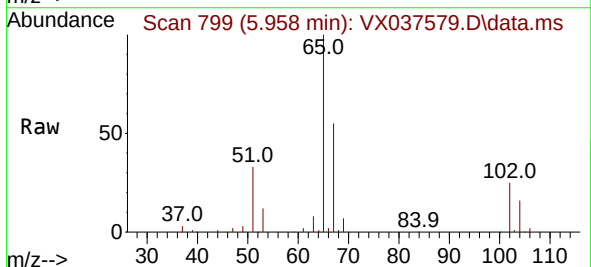
Instrument :
MSVOA_X
ClientSampleId :
TB-01-090523

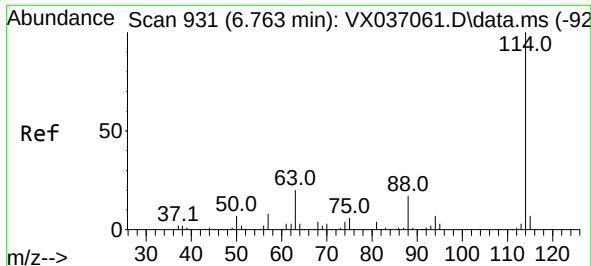
Tgt Ion:168 Resp: 154452
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 40.900 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Tgt Ion: 65 Resp: 91072
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

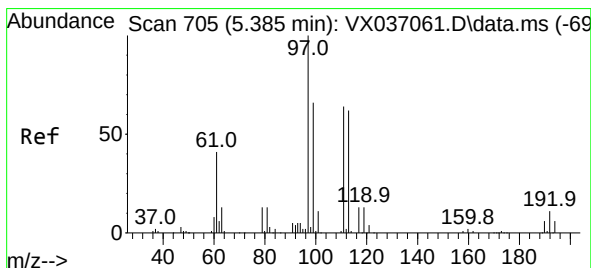
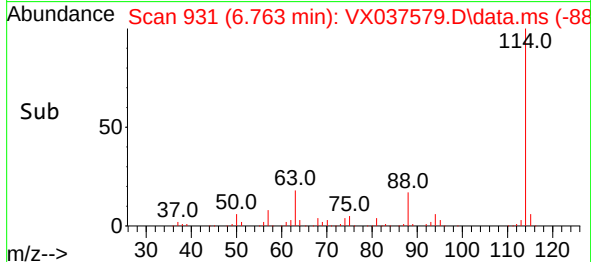
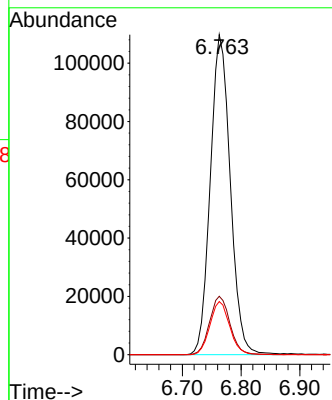
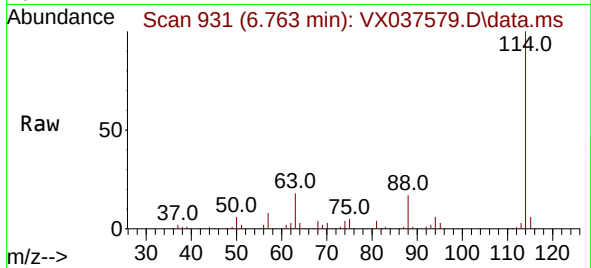




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

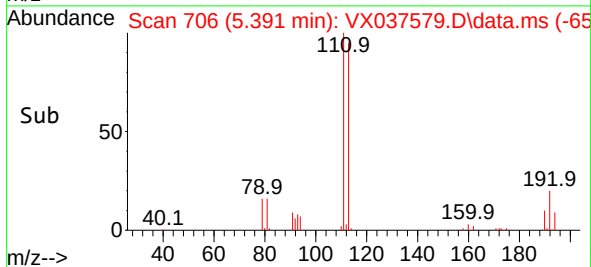
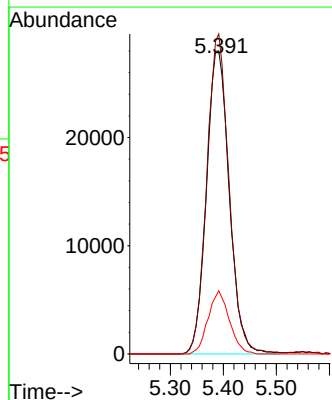
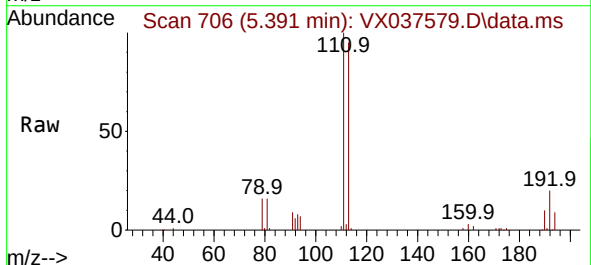
Instrument :
MSVOA_X
ClientSampleId :
TB-01-090523

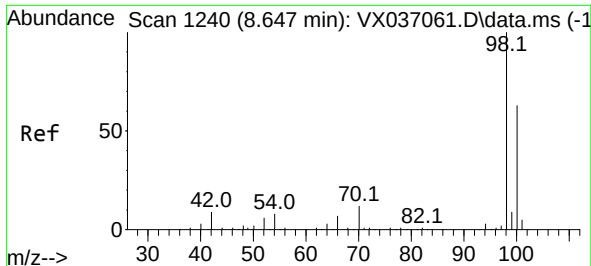
Tgt Ion:114 Resp: 259054
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Tgt Ion:113 Resp: 83777
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.4 13.3 19.9

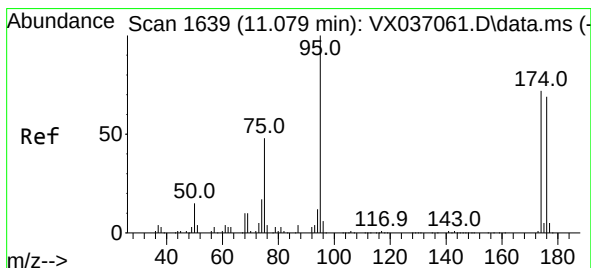
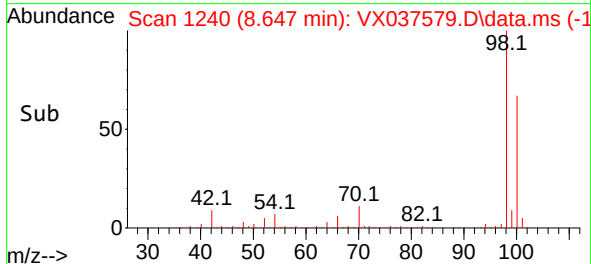
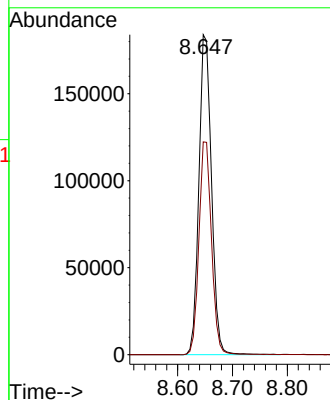
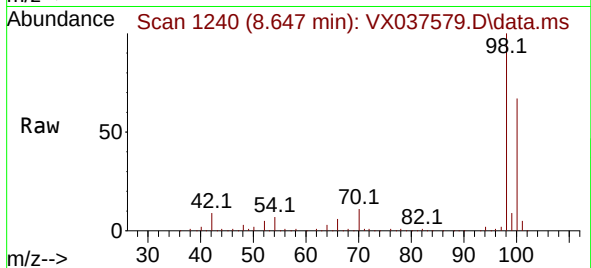




#50
Toluene-d8
Concen: 47.295 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

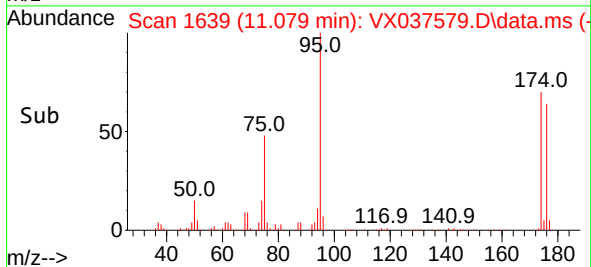
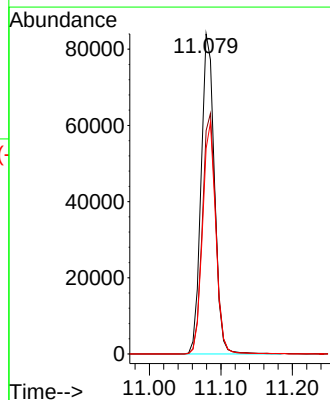
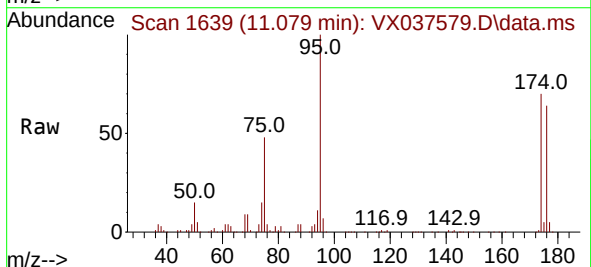
Instrument :
MSVOA_X
ClientSampleId :
TB-01-090523

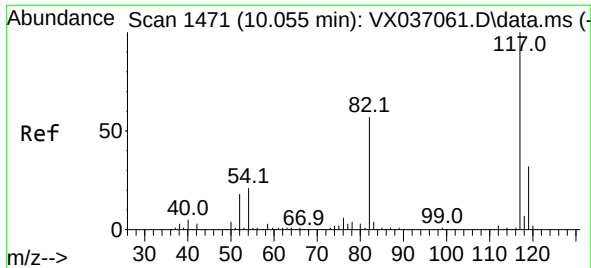
Tgt Ion: 98 Resp: 294330
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Tgt Ion: 95 Resp: 108795
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 71.9 0.0 131.0

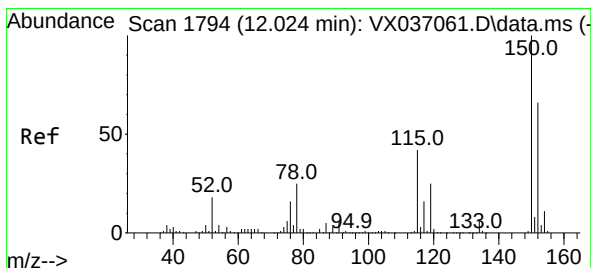
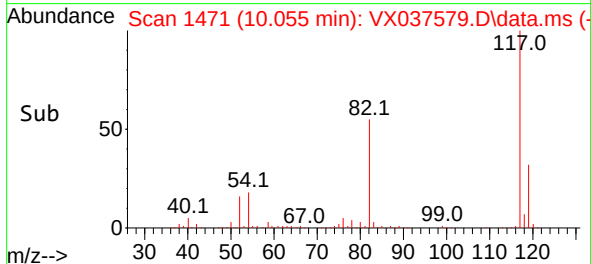
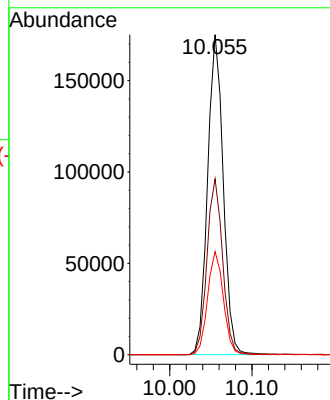
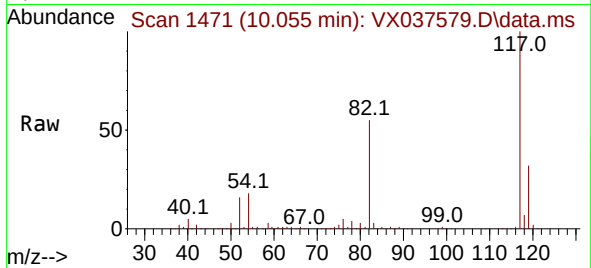




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :
TB-01-090523

Tgt Ion:117 Resp: 231233
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037579.D
Acq: 07 Sep 2023 15:07

Tgt Ion:152 Resp: 96792
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 156.2 0.0 345.0

