

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037456.D
 Acq On : 01 Sep 2023 09:41
 Operator : JC/MD
 Sample : VX0901MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901MBL01

Quant Time: Sep 01 13:53:09 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	157848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	263545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104593	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94362	41.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.940%
35) Dibromofluoromethane	5.379	113	79712	45.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	305407	48.238	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.079	95	110492	44.409	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.820%

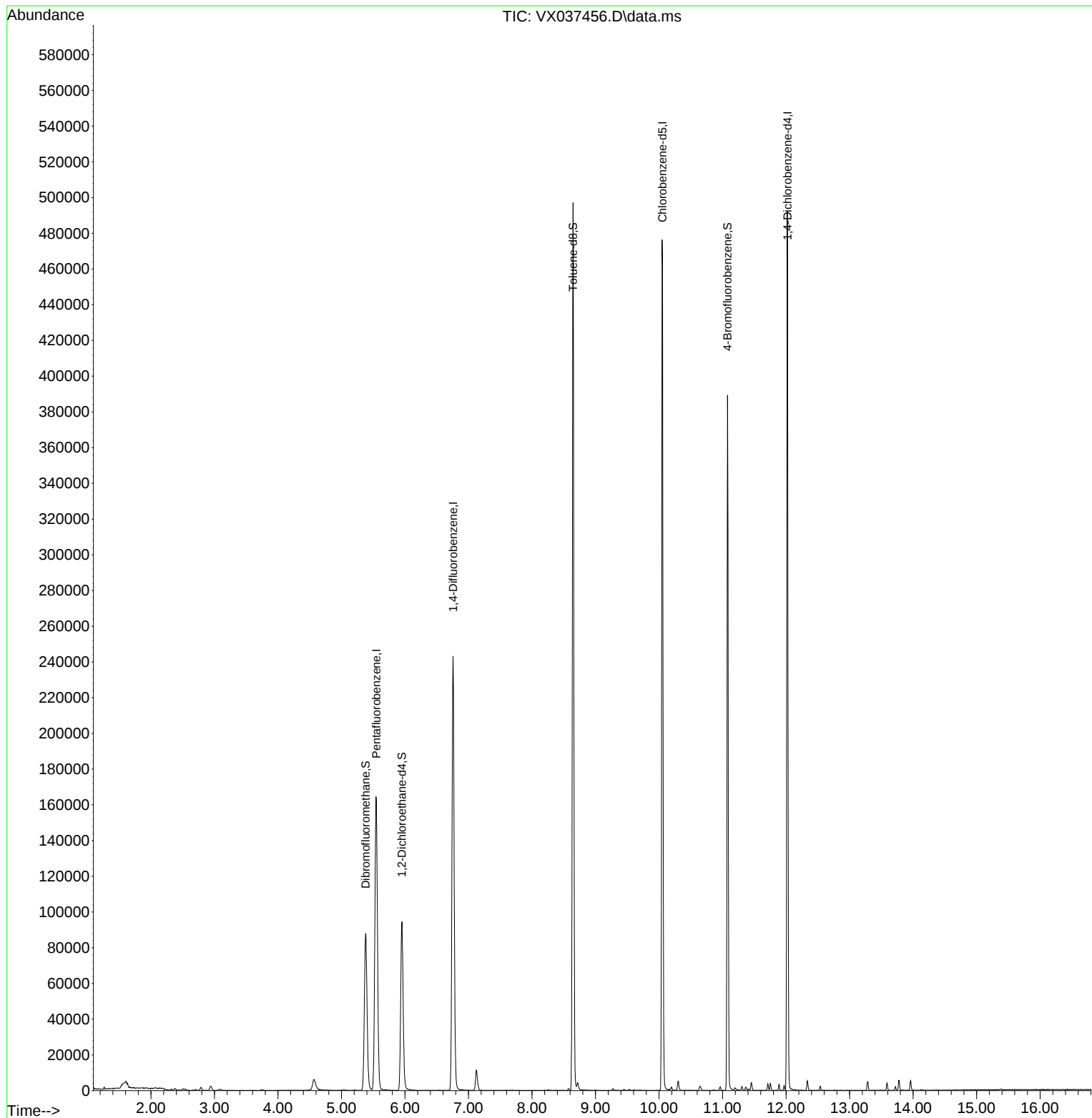
Target Compounds	Qvalue

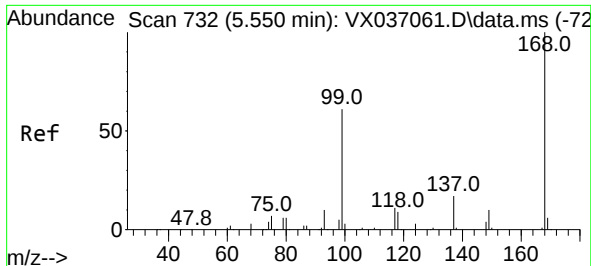
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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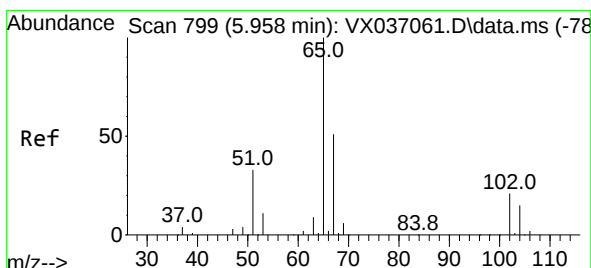
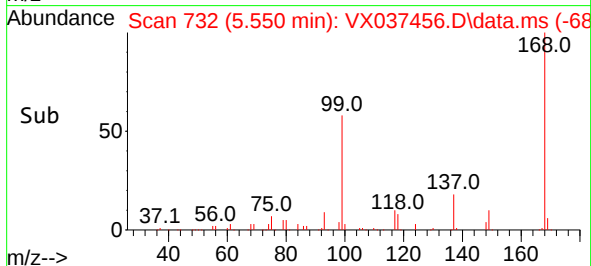
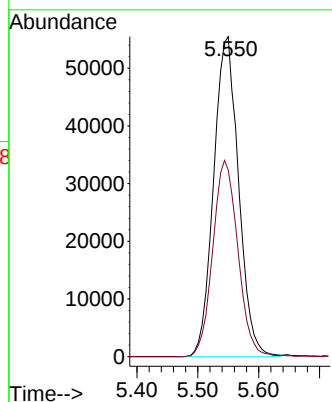
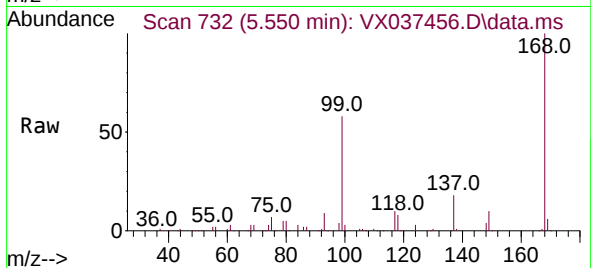




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037456.D
Acq: 01 Sep 2023 09:41

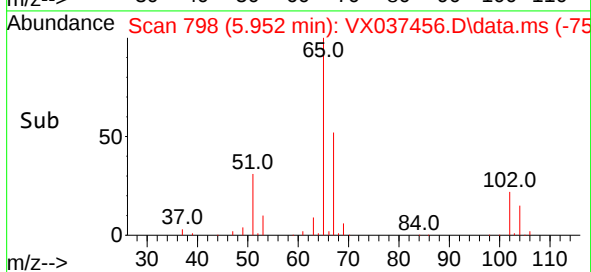
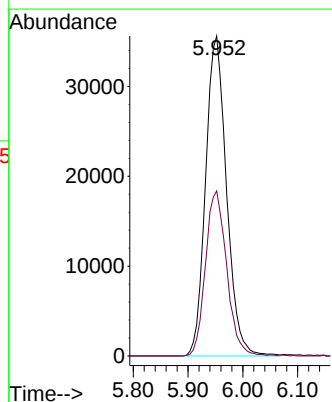
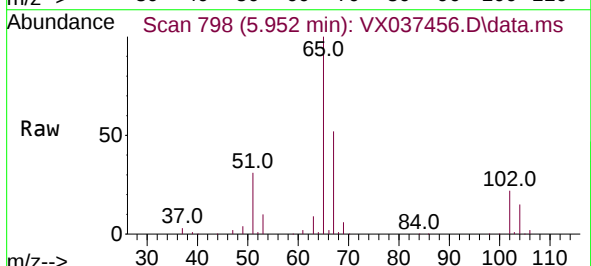
Instrument :
MSVOA_X
ClientSampleId :
VX0901MBL01

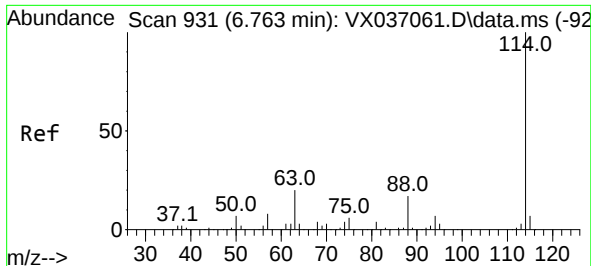
Tgt Ion:168 Resp: 157848
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 41.466 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037456.D
Acq: 01 Sep 2023 09:41

Tgt Ion: 65 Resp: 94362
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

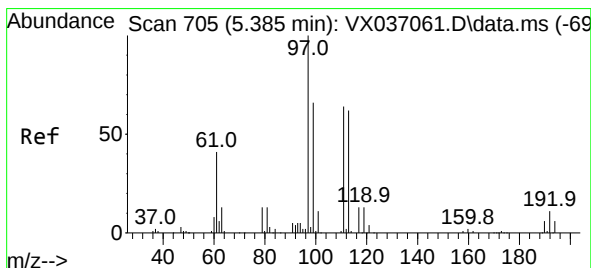
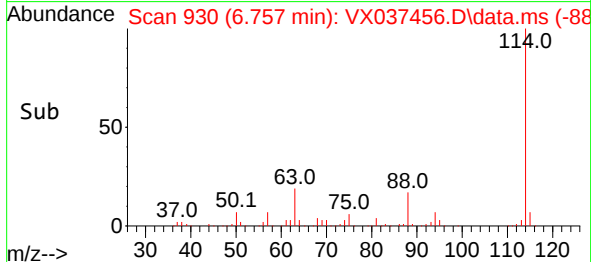
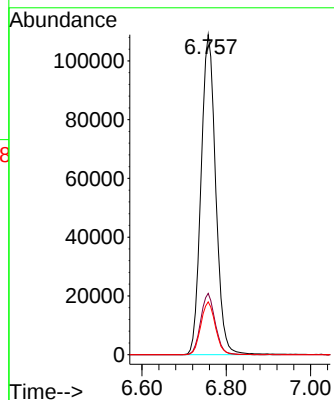
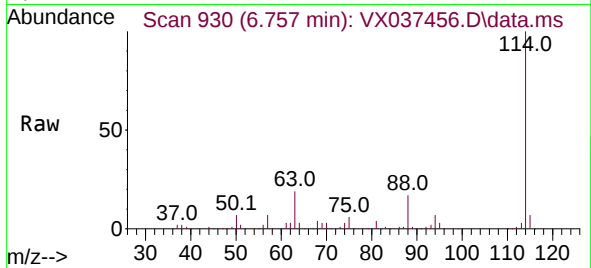




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037456.D
Acq: 01 Sep 2023 09:41

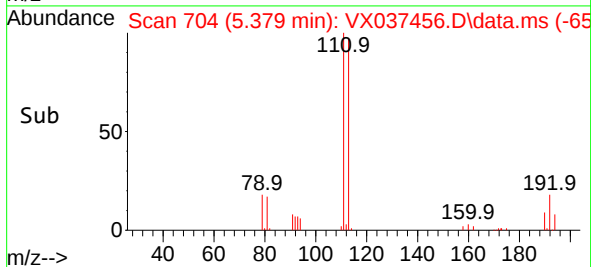
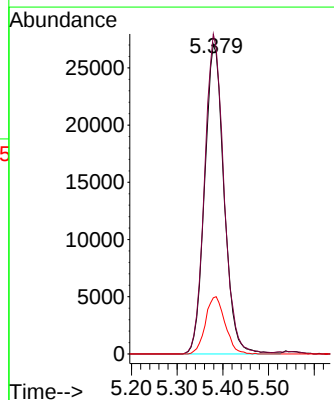
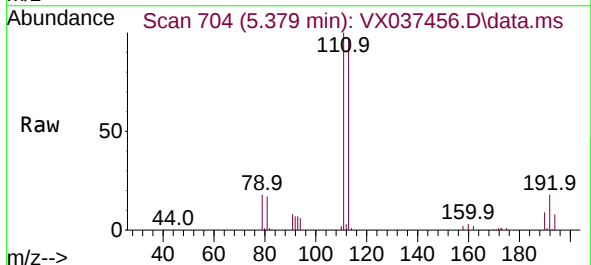
Instrument :
MSVOA_X
ClientSampleId :
VX0901MBL01

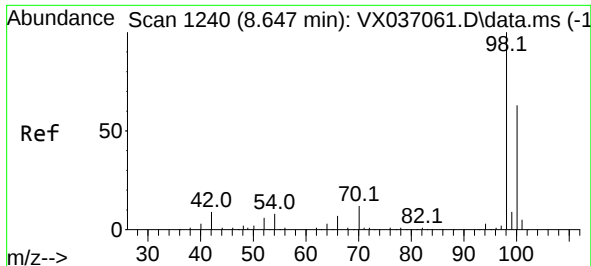
Tgt Ion:114 Resp: 263545
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.670 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037456.D
Acq: 01 Sep 2023 09:41

Tgt Ion:113 Resp: 79712
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.7 13.3 19.9

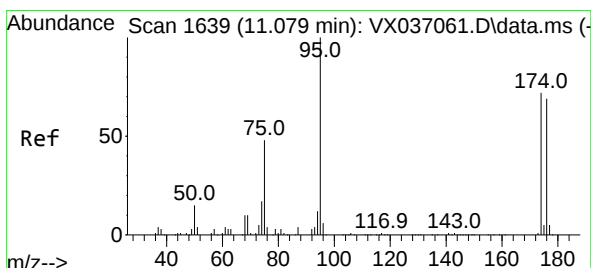
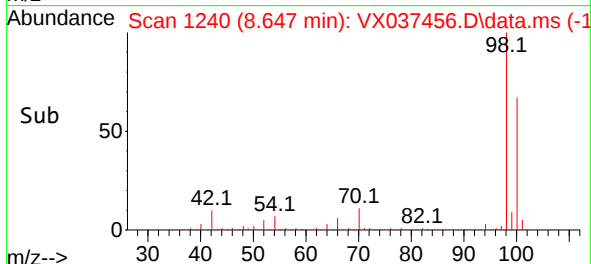
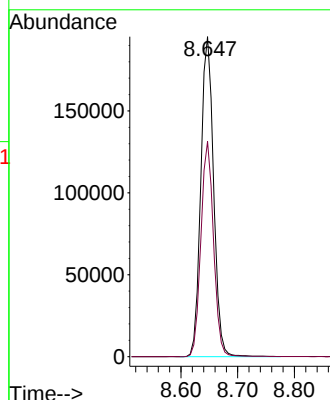
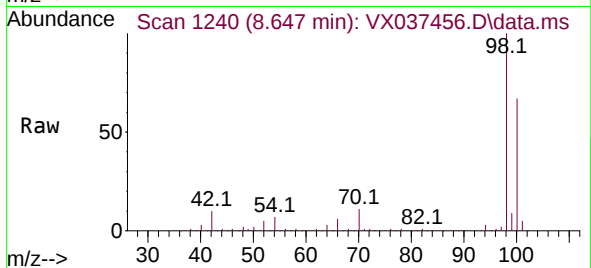




#50
Toluene-d8
Concen: 48.238 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037456.D
Acq: 01 Sep 2023 09:41

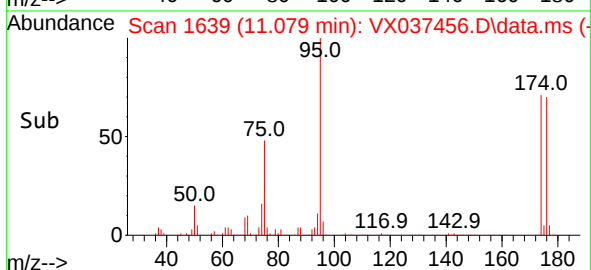
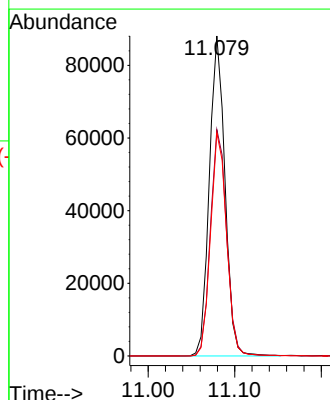
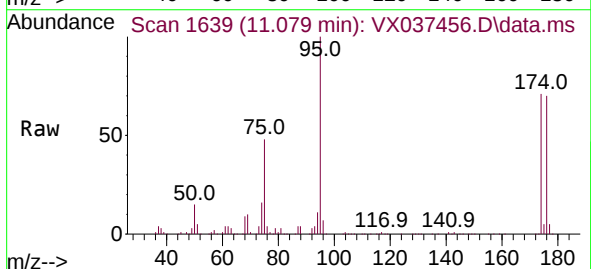
Instrument :
MSVOA_X
ClientSampleId :
VX0901MBL01

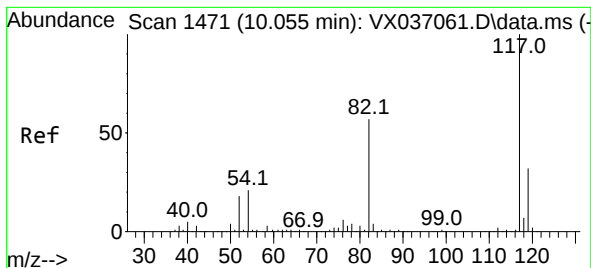
Tgt Ion: 98 Resp: 305407
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037456.D
Acq: 01 Sep 2023 09:41

Tgt Ion: 95 Resp: 110492
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.3 0.0 131.0

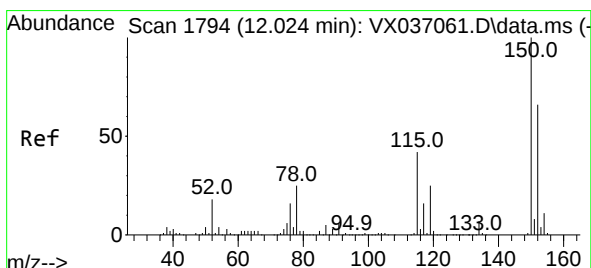
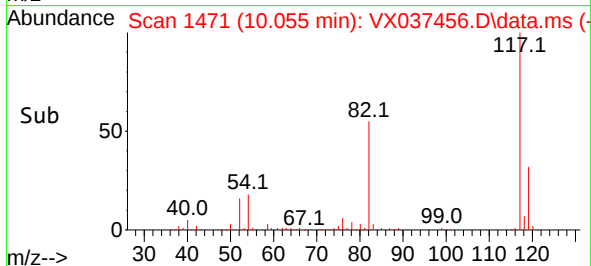
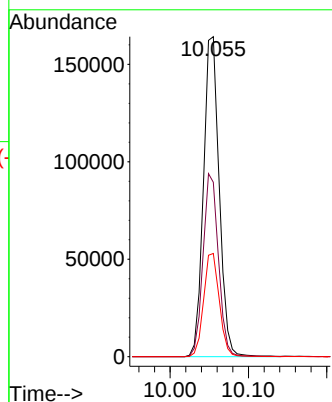
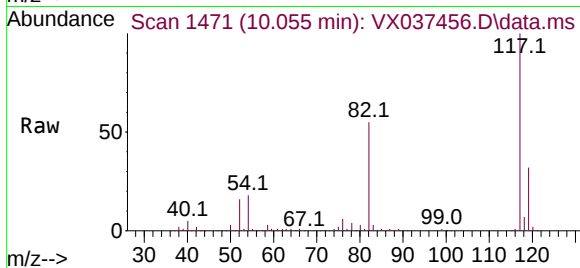




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037456.D
Acq: 01 Sep 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VX0901MBL01

Tgt Ion:117 Resp: 229096
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.3 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: VX037456.D
Acq: 01 Sep 2023 09:41

Tgt Ion:152 Resp: 104593
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 156.1 0.0 345.0

