

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037125.D
 Acq On : 21 Aug 2023 12:15
 Operator : JC/MD
 Sample : VX0821WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBL01

Quant Time: Aug 22 05:53:51 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	5.556	168	174675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	297834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130495	51.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.640%	
35) Dibromofluoromethane	5.385	113	102660	52.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.100%	
50) Toluene-d8	8.647	98	375461	52.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	11.079	95	137321	48.837	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.680%	

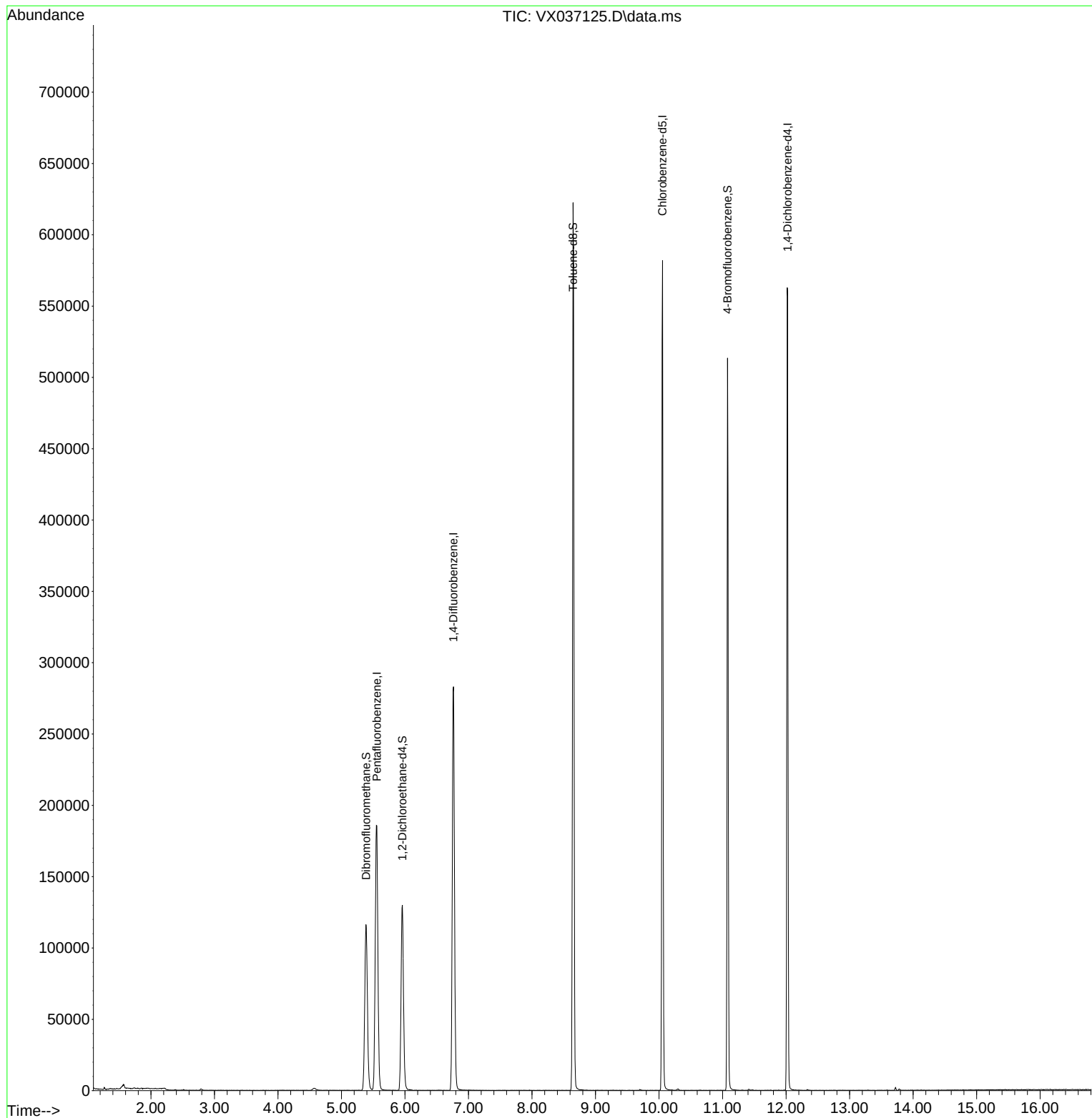
Target Compounds	Qvalue

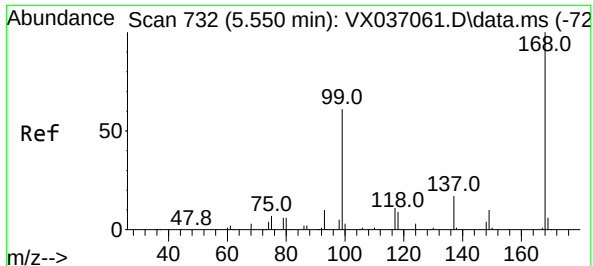
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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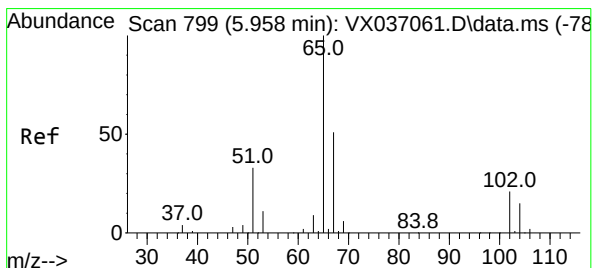
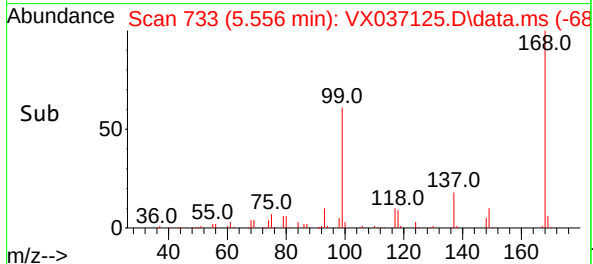
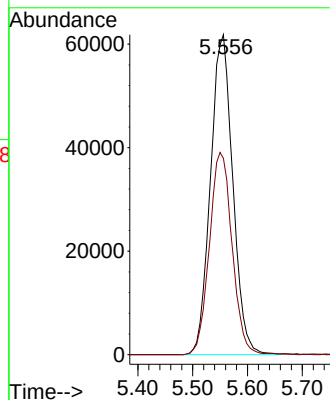
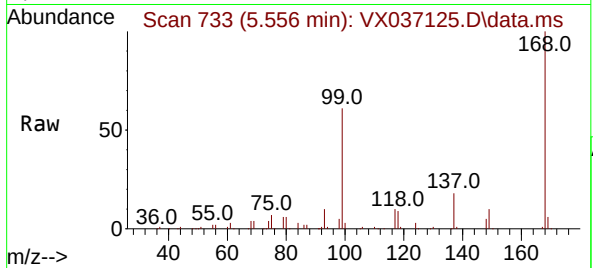




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

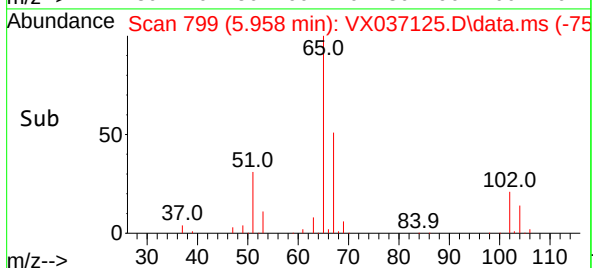
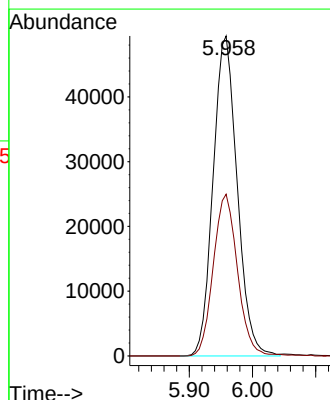
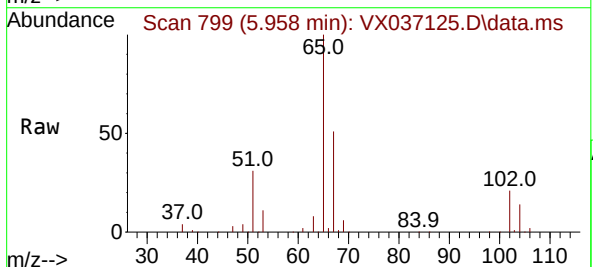
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBL01

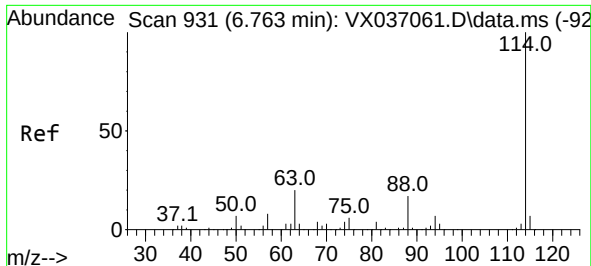
Tgt Ion:168 Resp: 174675
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 51.820 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 65 Resp: 130495
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

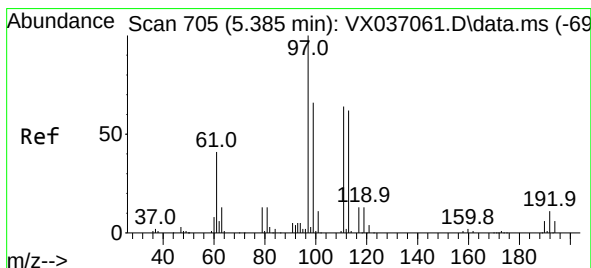
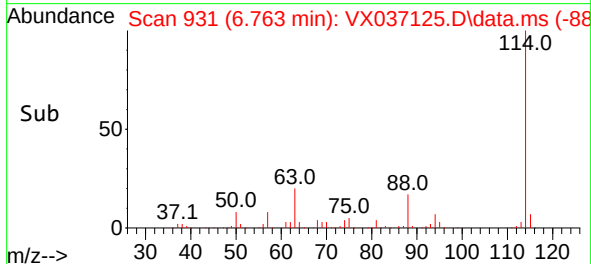
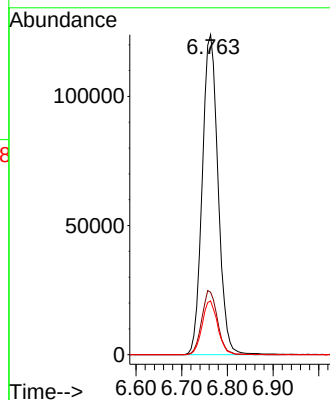
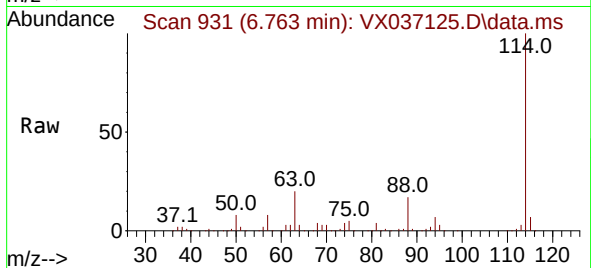




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

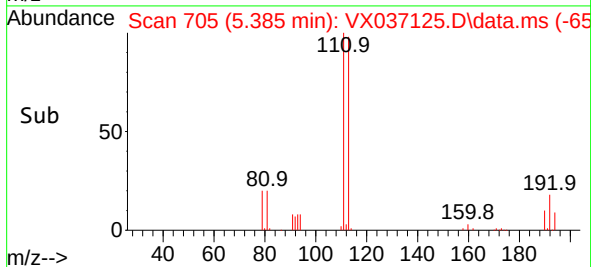
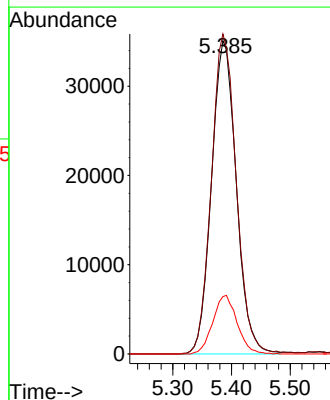
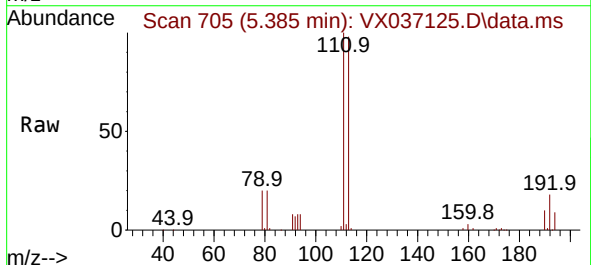
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBL01

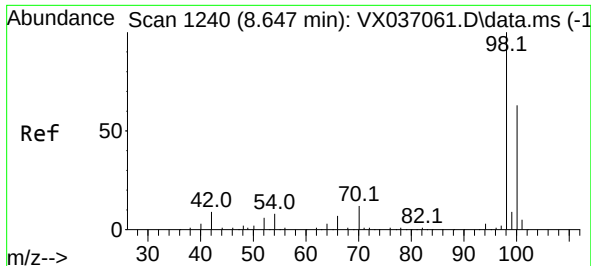
Tgt Ion:114 Resp: 297834
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.046 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Tgt Ion:113 Resp: 102660
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.4 13.3 19.9

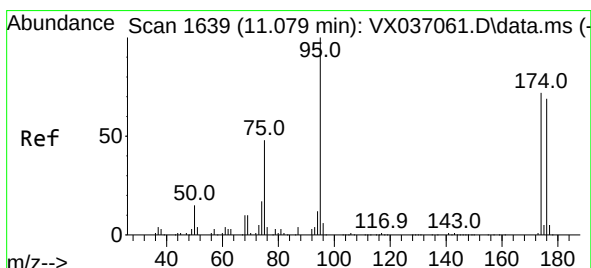
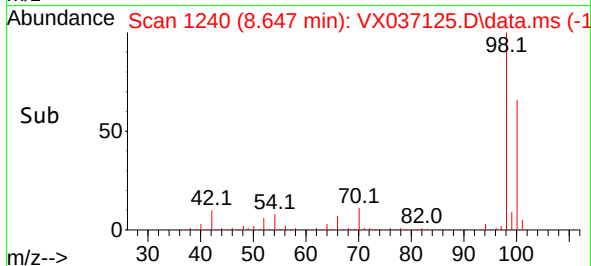
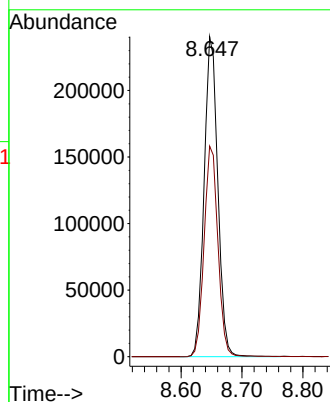
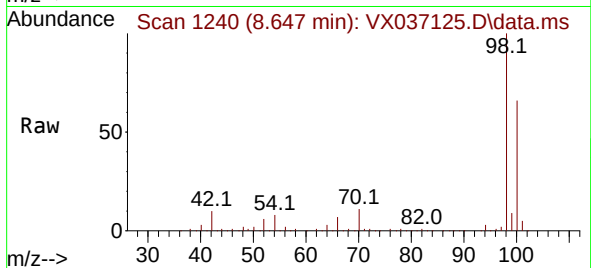




#50
Toluene-d8
Concen: 52.476 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

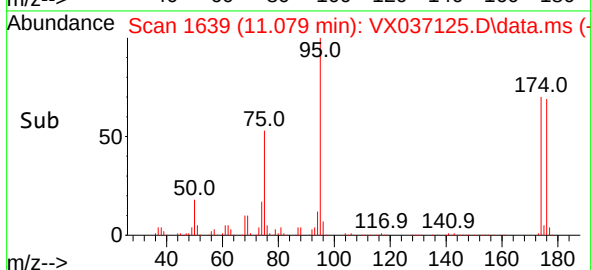
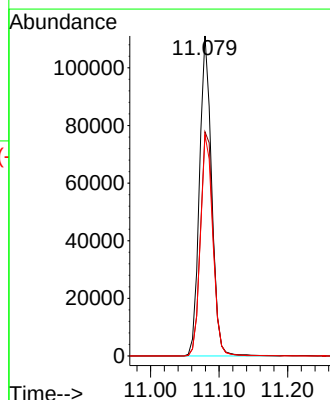
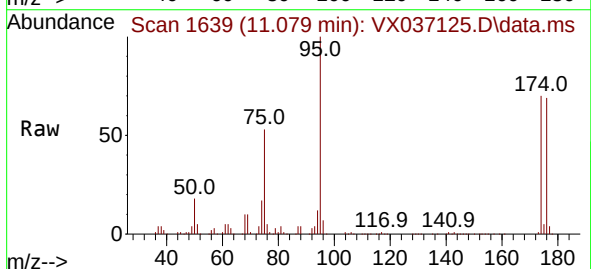
Instrument :
MSVOA_X
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VX0821WBL01

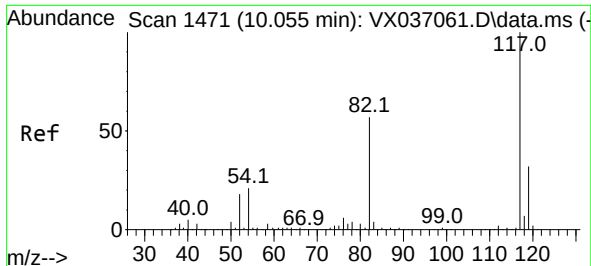
Tgt Ion: 98 Resp: 375461
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 95 Resp: 137321
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 70.5 0.0 131.0

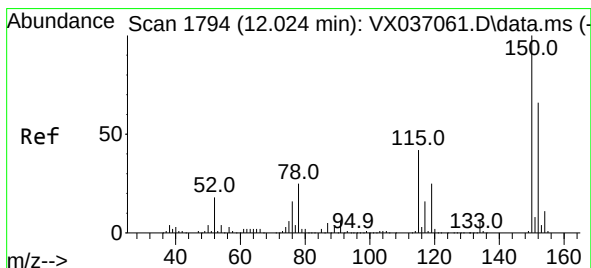
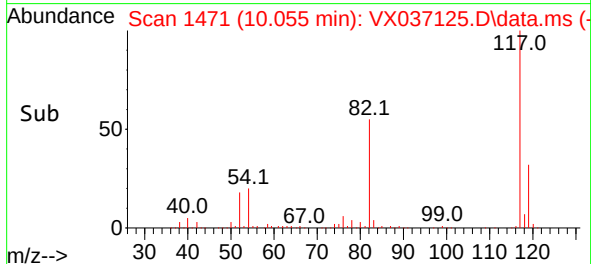
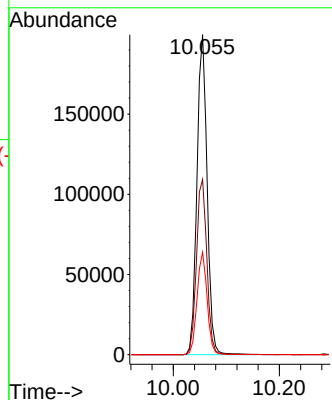
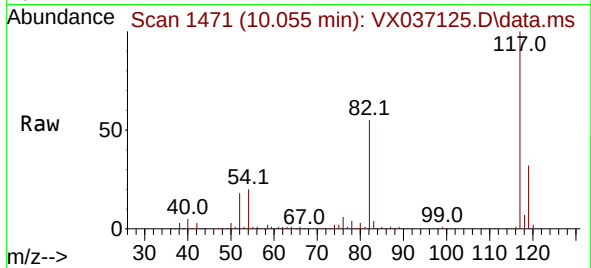




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037125.D
Acq: 21 Aug 2023 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBL01

Tgt Ion:117 Resp: 265177
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.0 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: VX037125.D
Acq: 21 Aug 2023 12:15

Tgt Ion:152 Resp: 121033
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 153.9 0.0 345.0

