

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039004.D
 Acq On : 22 Nov 2023 15:46
 Operator : JC/MD
 Sample : 05407-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20231114

Quant Time: Nov 23 01:34:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	94797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80619	52.778	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.560%
35) Dibromofluoromethane	5.385	113	63177	44.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.700%
50) Toluene-d8	8.647	98	251968	46.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.460%
62) 4-Bromofluorobenzene	11.079	95	106061	48.609	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.220%

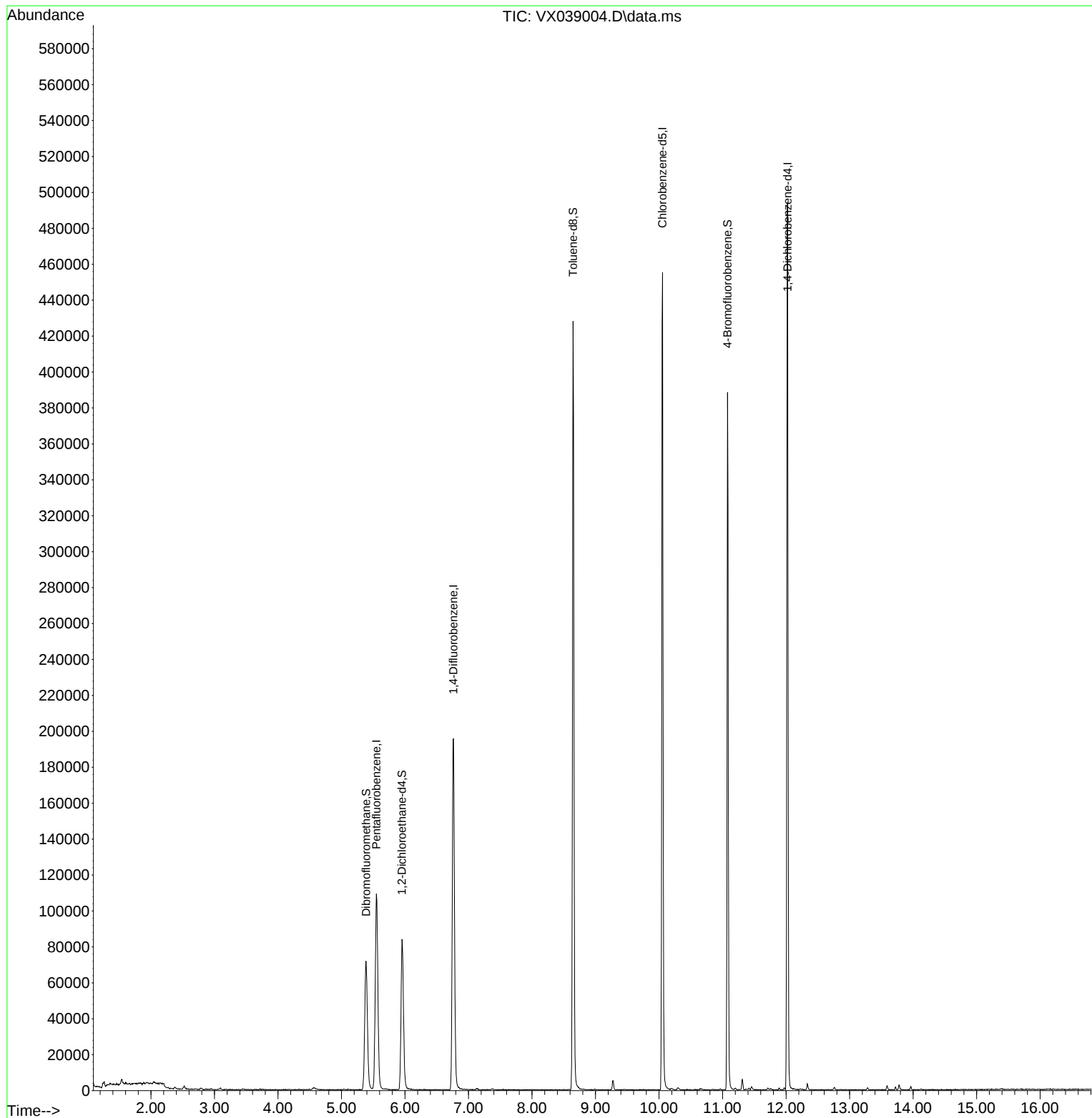
Target Compounds	Qvalue

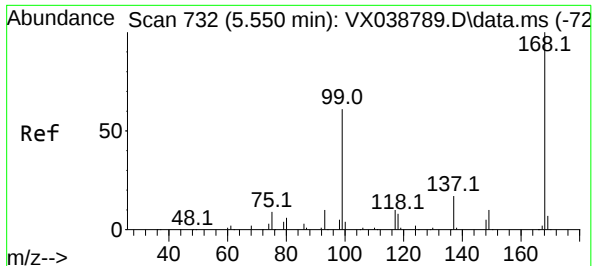
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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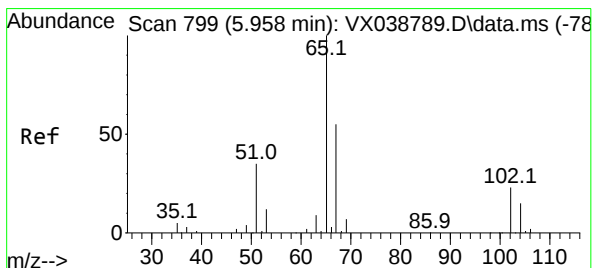
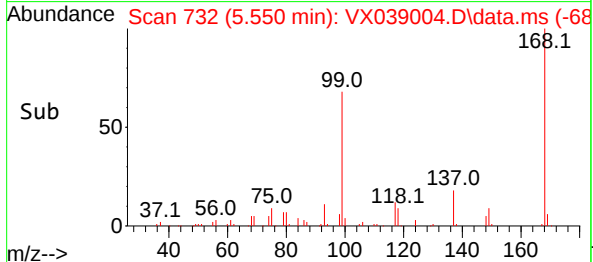
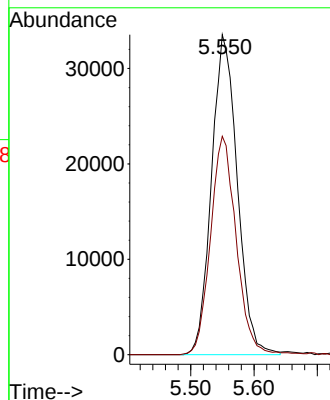
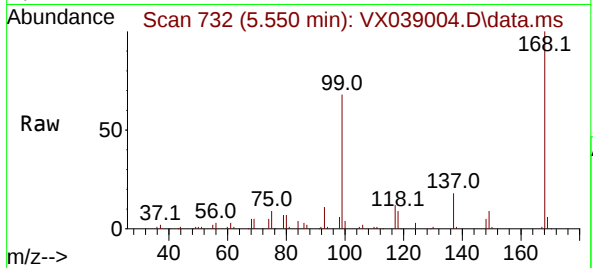




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039004.D
Acq: 22 Nov 2023 15:46

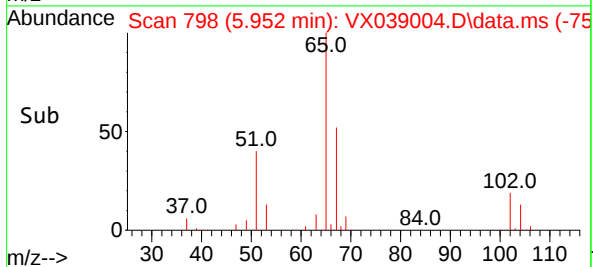
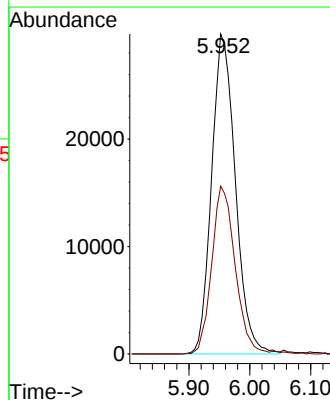
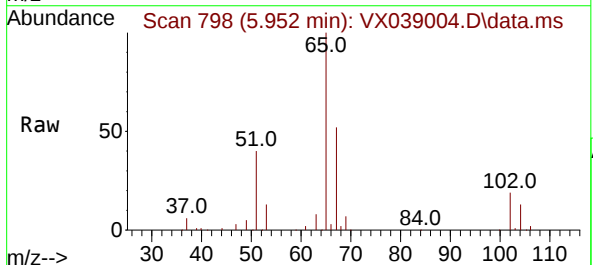
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20231114

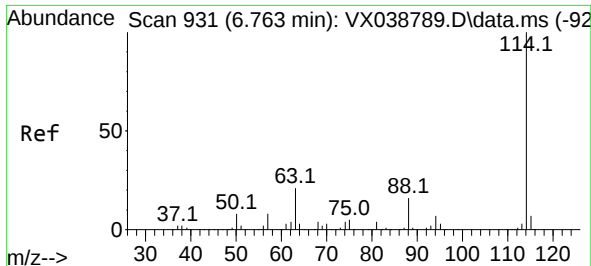
Tgt Ion:168 Resp: 94797
Ion Ratio Lower Upper
168 100
99 68.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 52.778 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039004.D
Acq: 22 Nov 2023 15:46

Tgt Ion: 65 Resp: 80619
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

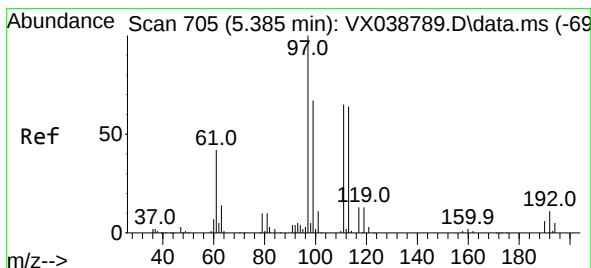
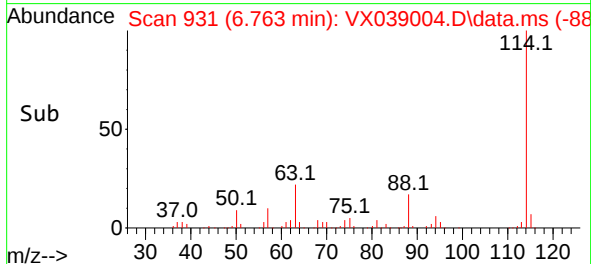
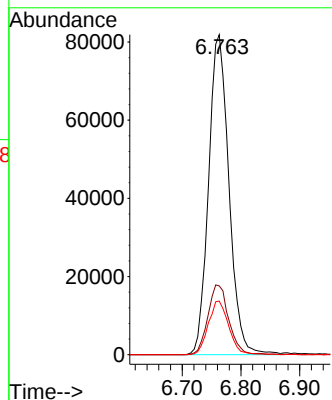
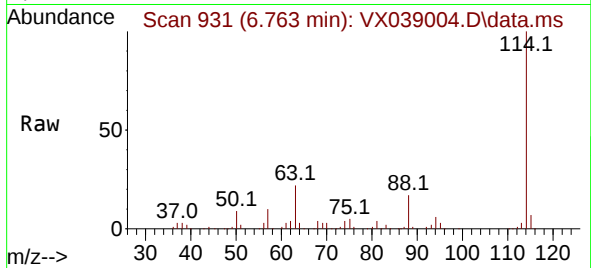




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039004.D
Acq: 22 Nov 2023 15:46

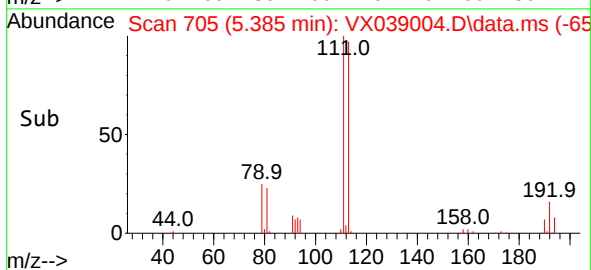
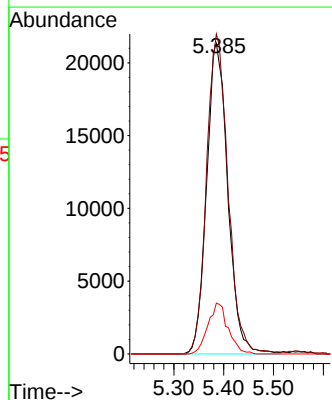
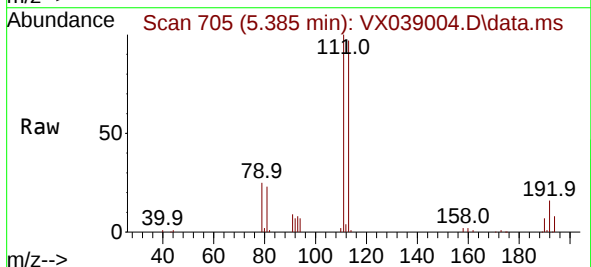
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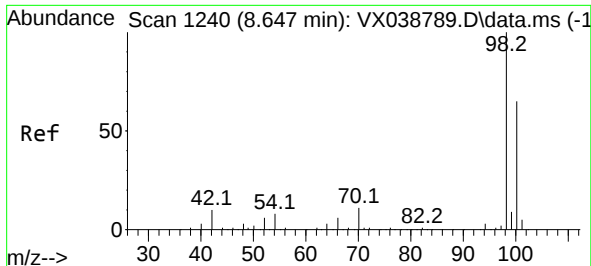
Tgt Ion:114 Resp: 197251
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.347 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039004.D
Acq: 22 Nov 2023 15:46

Tgt Ion:113 Resp: 63177
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 15.5 13.3 19.9

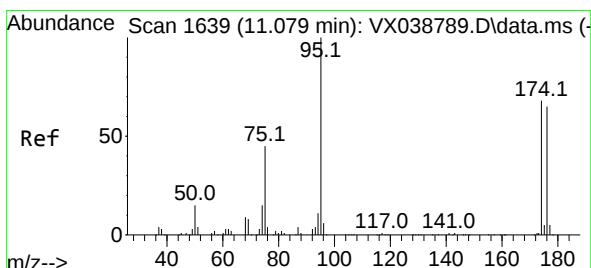
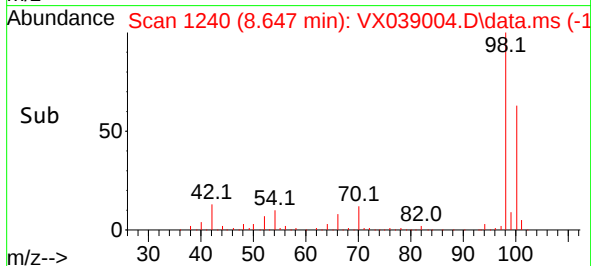
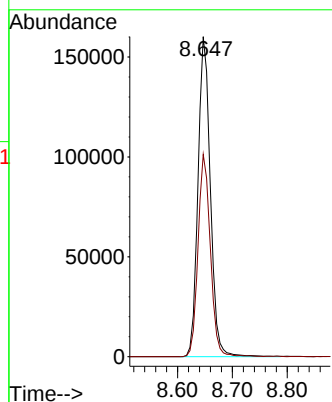
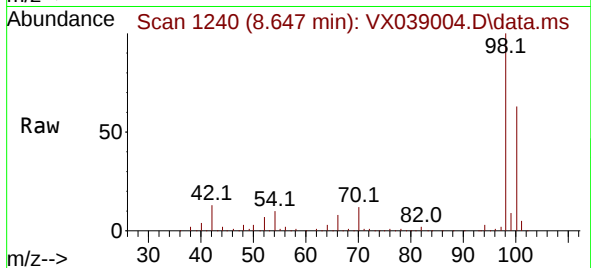




#50
Toluene-d8
Concen: 46.228 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039004.D
Acq: 22 Nov 2023 15:46

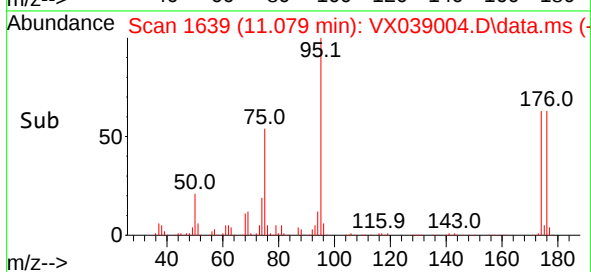
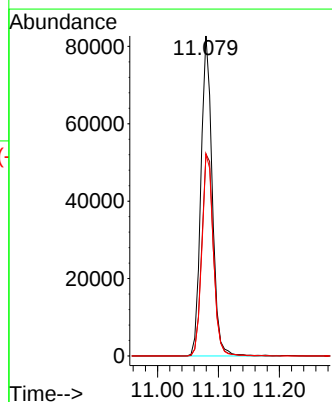
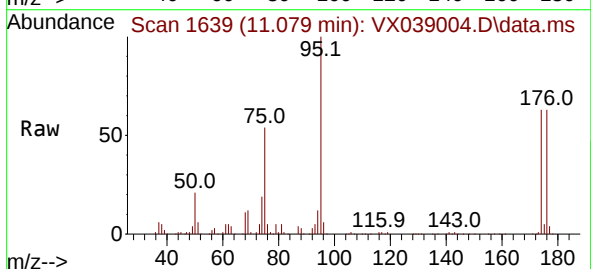
Instrument :
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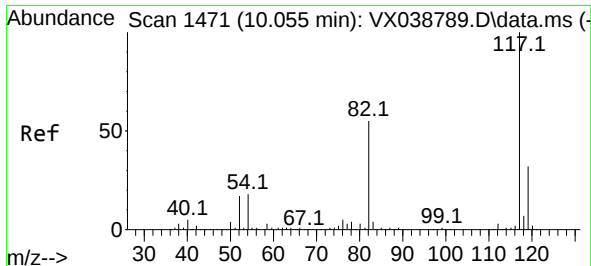
Tgt Ion: 98 Resp: 251968
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039004.D
Acq: 22 Nov 2023 15:46

Tgt Ion: 95 Resp: 106061
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.6
176 64.1 0.0 131.0

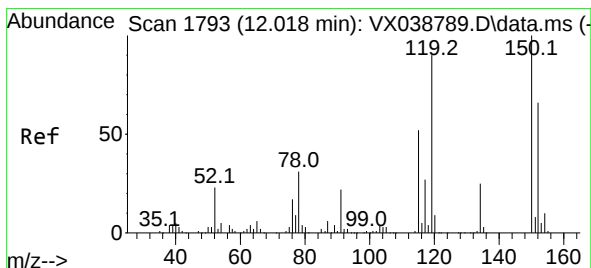
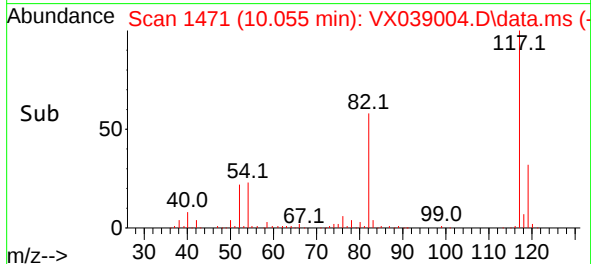
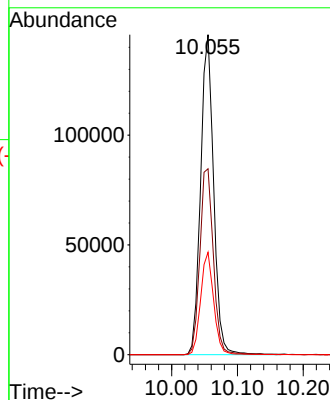
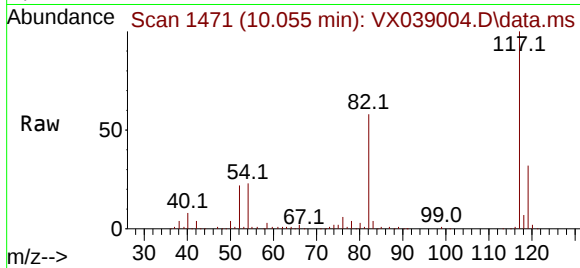




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039004.D
Acq: 22 Nov 2023 15:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20231114

Tgt Ion:117 Resp: 200203
Ion Ratio Lower Upper
117 100
82 58.1 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. 0.006 min
Lab File: VX039004.D
Acq: 22 Nov 2023 15:46

Tgt Ion:152 Resp: 99312
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 158.1 0.0 345.0

