

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038994.D
 Acq On : 21 Nov 2023 18:53
 Operator : JC/MD
 Sample : 05407-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20231114

Quant Time: Nov 22 03:24:42 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	5.556	168	95931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83924	54.292	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.580%	
35) Dibromofluoromethane	5.391	113	64891	44.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.000%	
50) Toluene-d8	8.647	98	255102	45.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.460%#	
62) 4-Bromofluorobenzene	11.079	95	110851	49.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.260%	

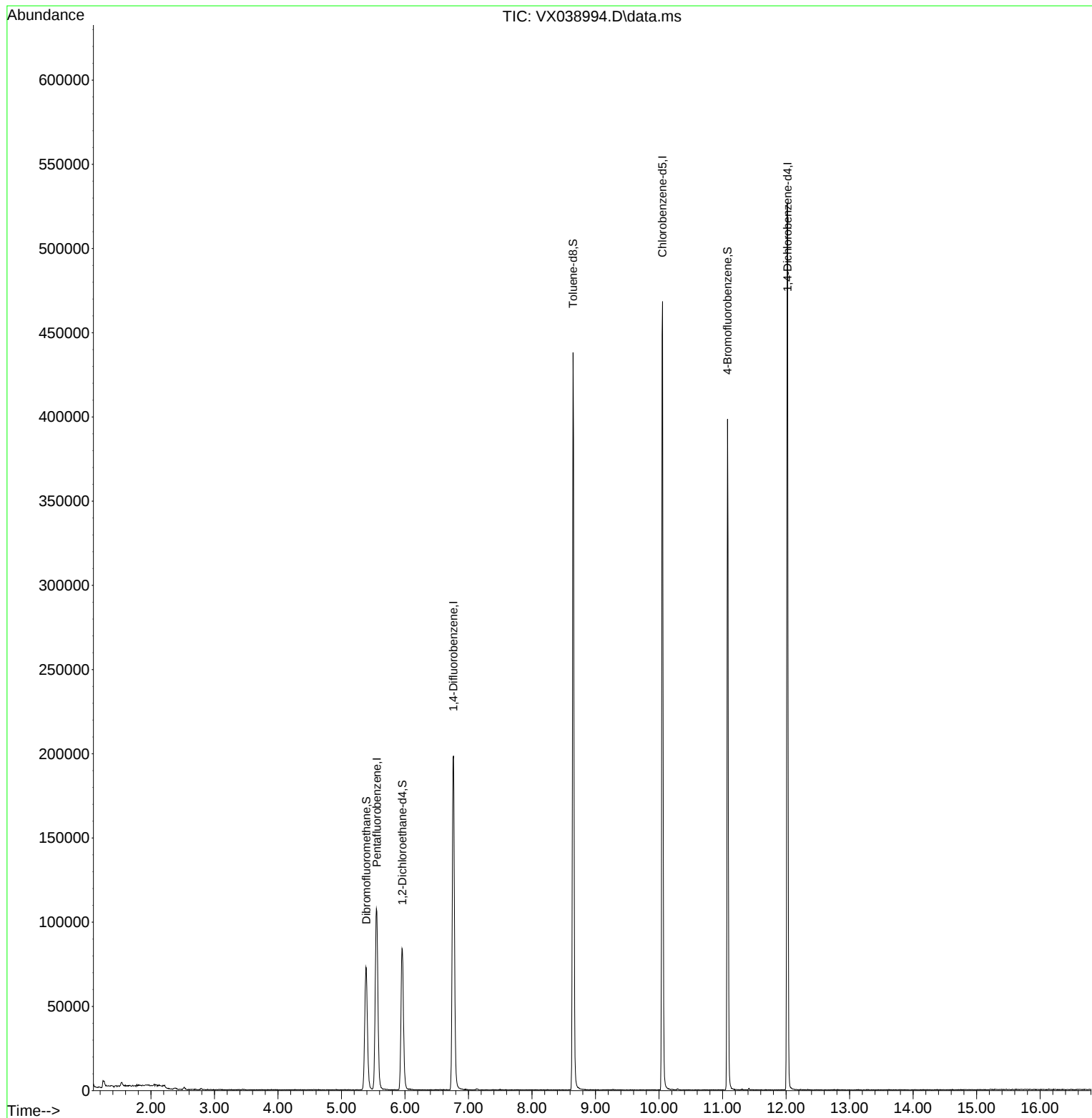
Target Compounds	Qvalue

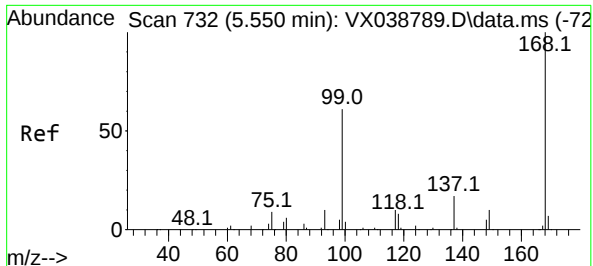
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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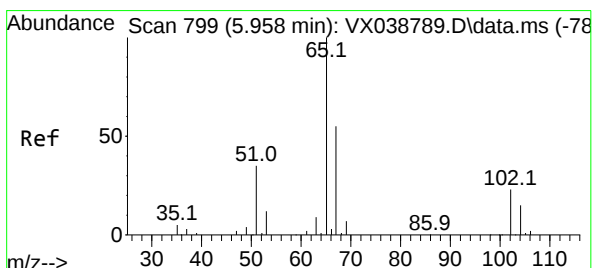
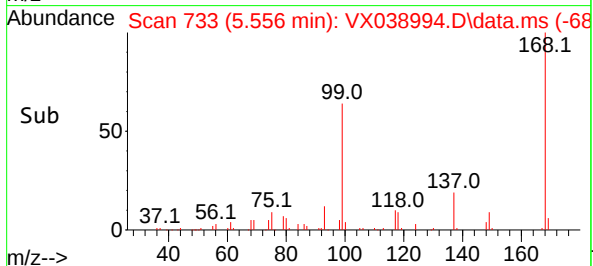
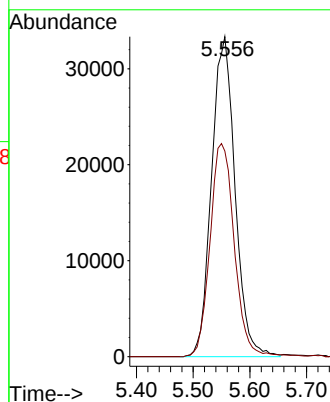
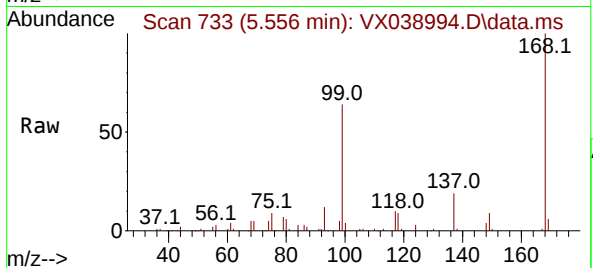




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

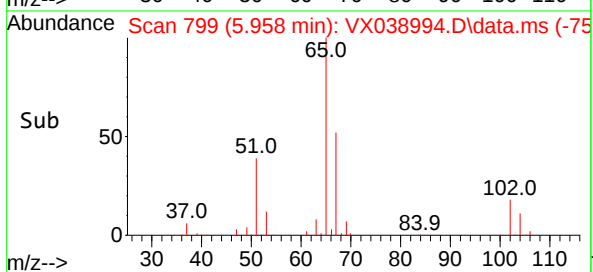
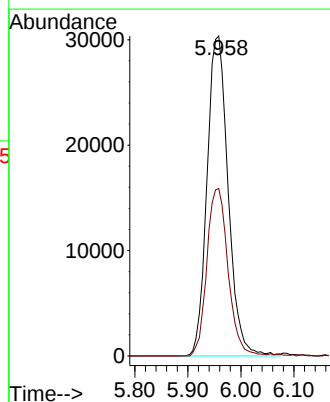
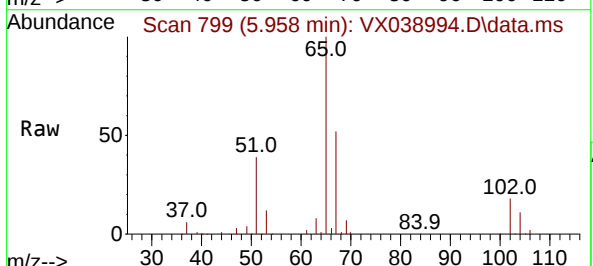
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20231114

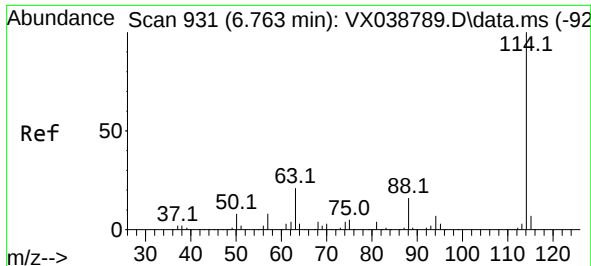
Tgt Ion:168 Resp: 95931
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 54.292 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Tgt Ion: 65 Resp: 83924
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

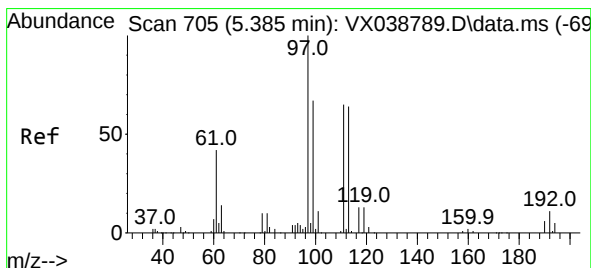
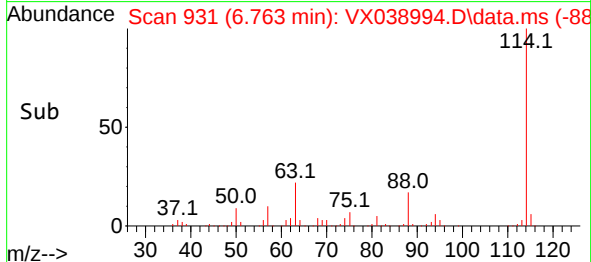
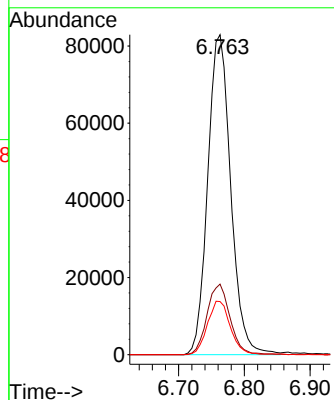
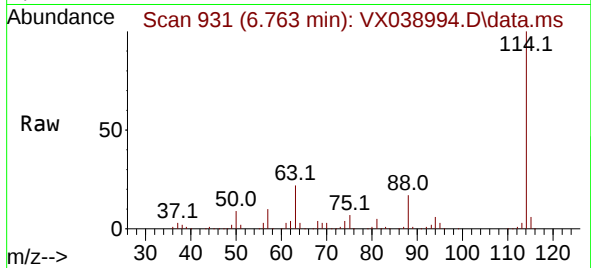




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

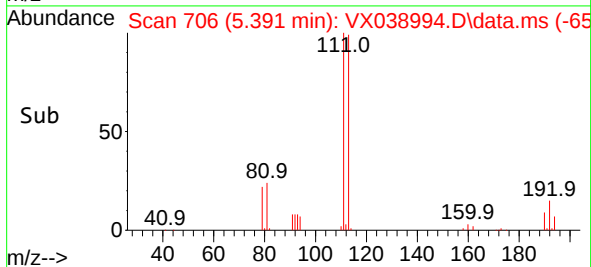
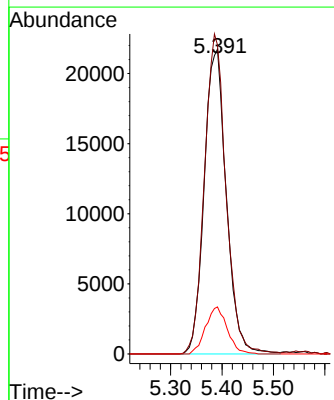
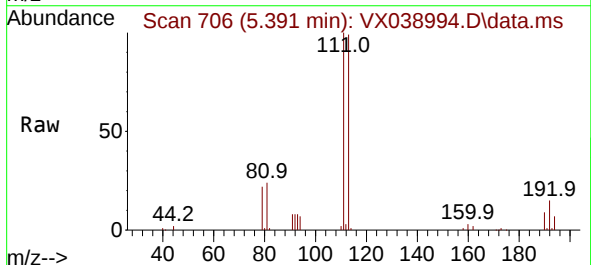
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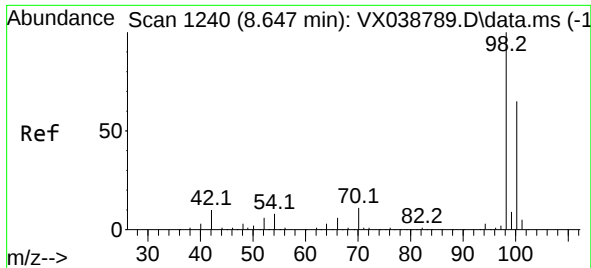
Tgt Ion:114 Resp: 201900
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.502 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Tgt Ion:113 Resp: 64891
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.1 13.3 19.9

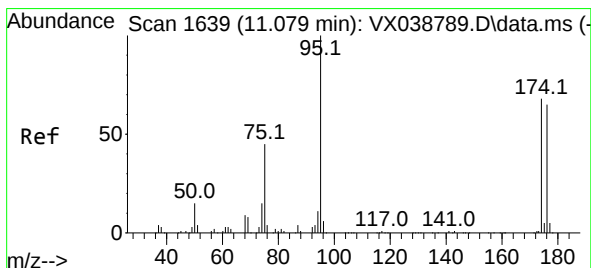
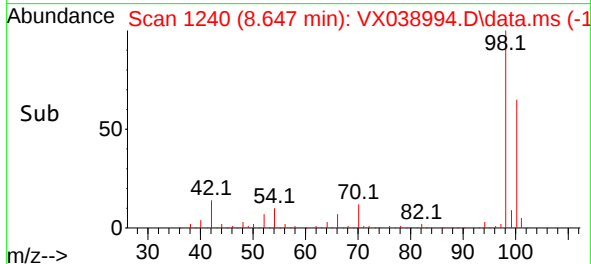
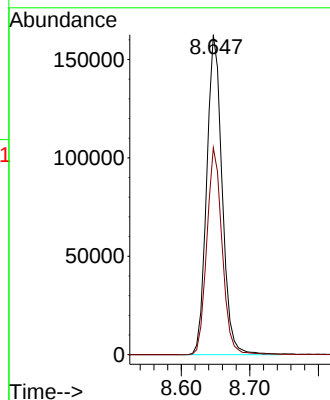
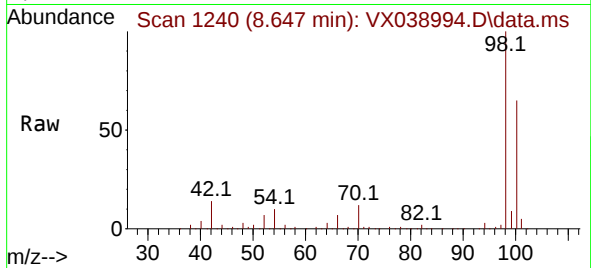




#50
Toluene-d8
Concen: 45.725 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

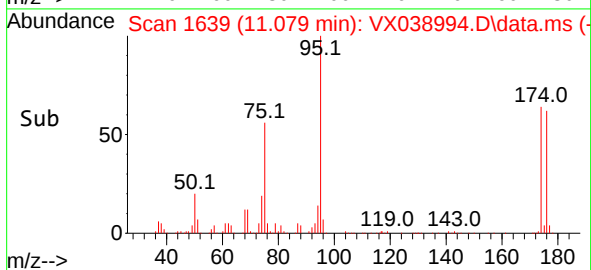
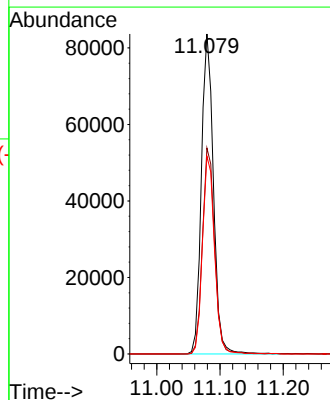
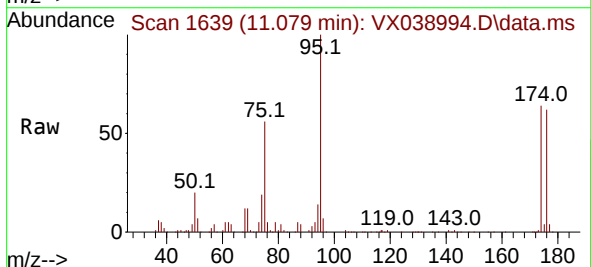
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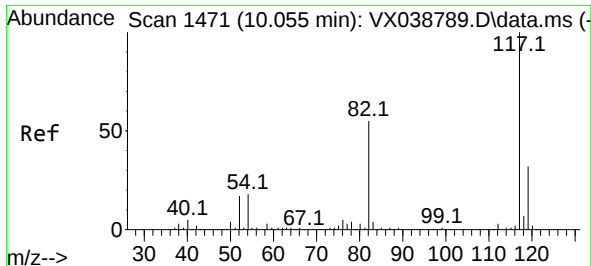
Tgt Ion: 98 Resp: 255102
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Tgt Ion: 95 Resp: 110851
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.6
176 62.1 0.0 131.0

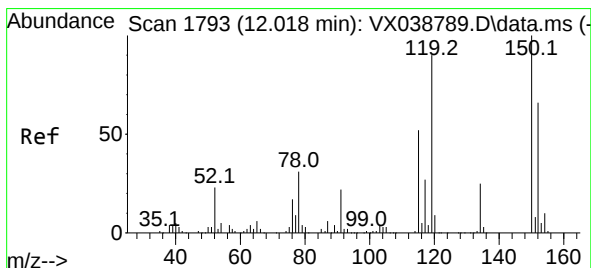
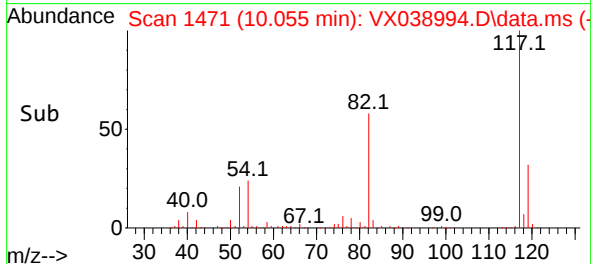
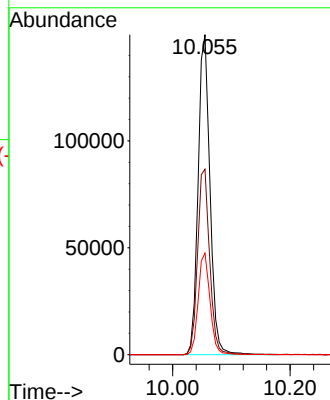
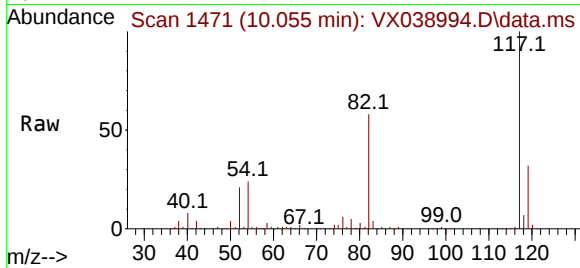




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038994.D
Acq: 21 Nov 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 209559
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 31.7 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: VX038994.D
Acq: 21 Nov 2023 18:53

Tgt Ion:152 Resp: 104039
Ion Ratio Lower Upper
152 100
115 64.9 43.3 129.9
150 158.1 0.0 345.0

