

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039166.D
 Acq On : 12 Dec 2023 15:25
 Operator : JC/MD
 Sample : 05729-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 13 04:17:08 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	109760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95118	53.781	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.560%	
35) Dibromofluoromethane	5.385	113	74651	45.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.540%	
50) Toluene-d8	8.647	98	283694	45.457	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.920%#	
62) 4-Bromofluorobenzene	11.079	95	130050	52.056	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.120%	

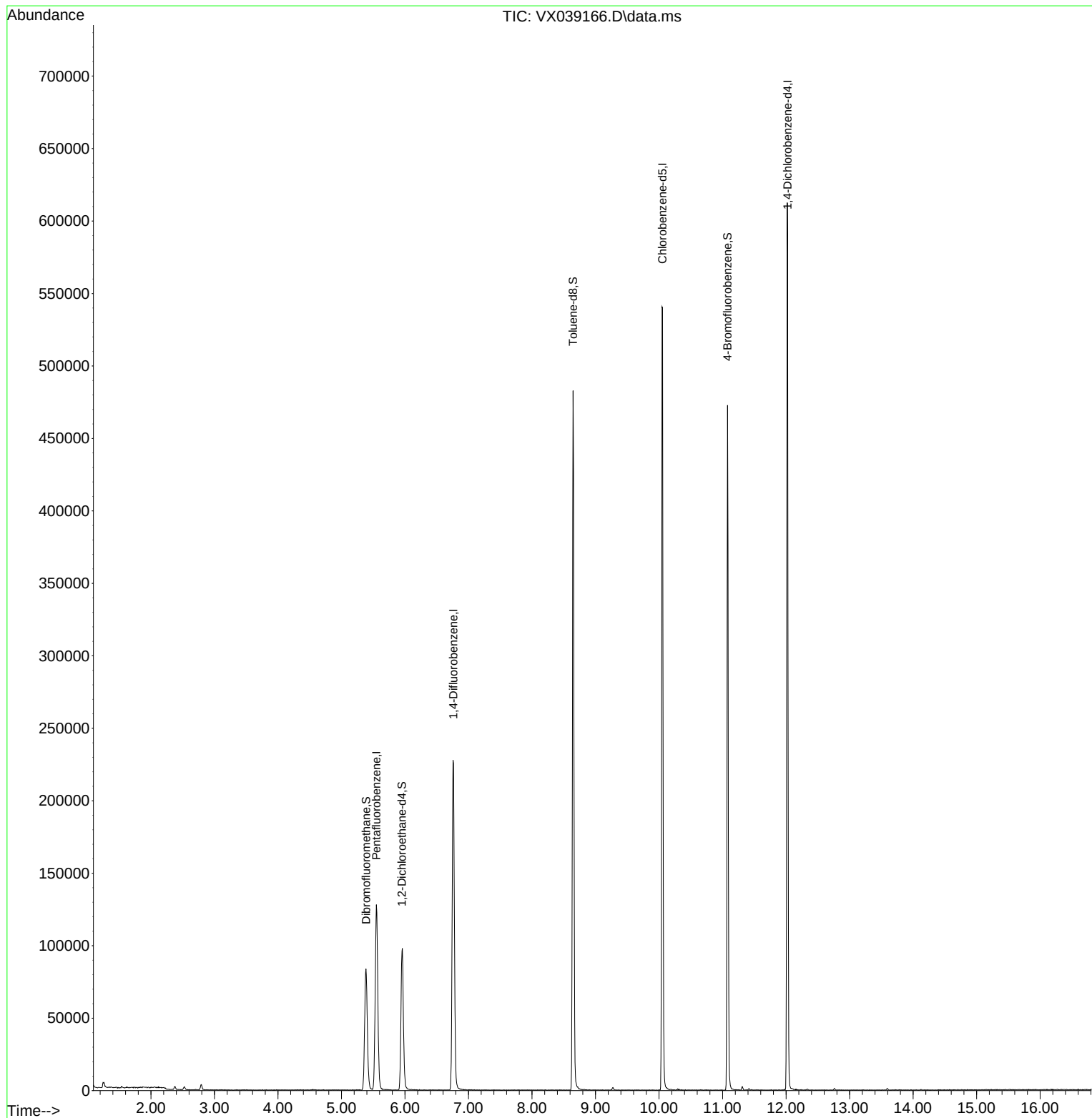
Target Compounds	Qvalue

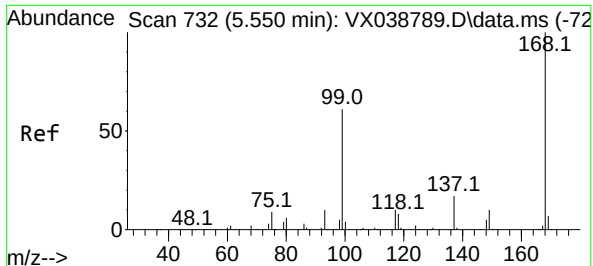
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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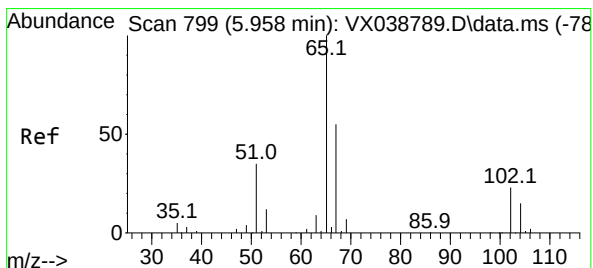
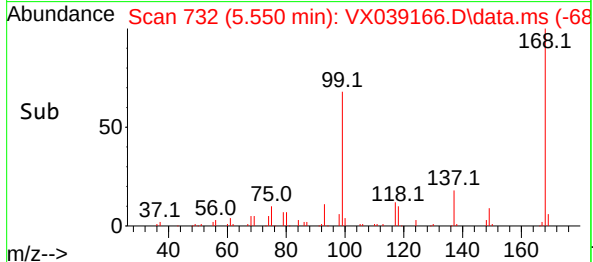
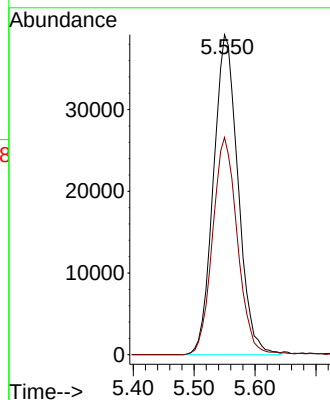
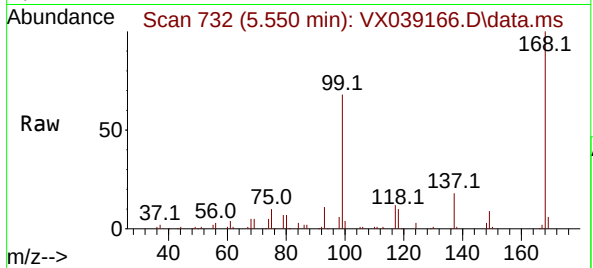




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

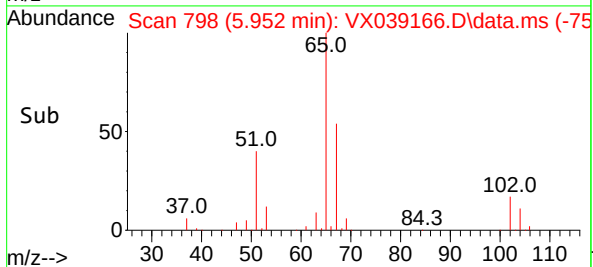
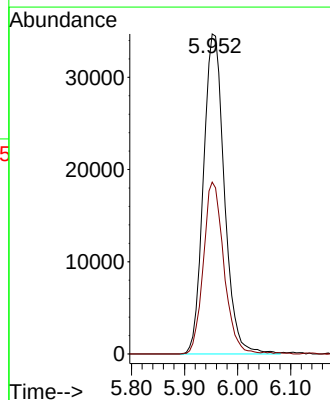
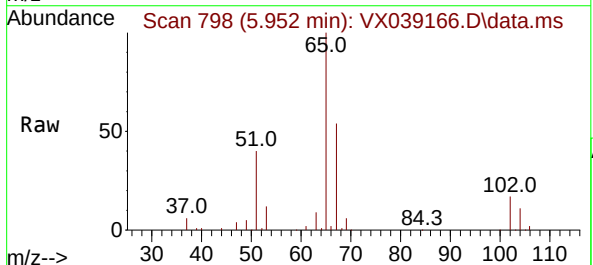
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

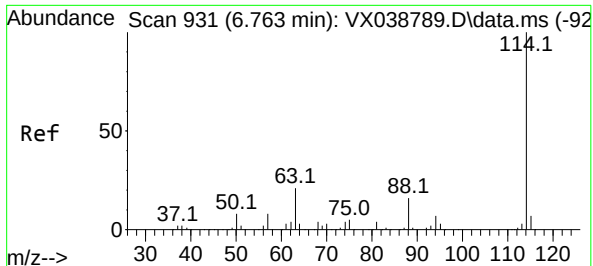
Tgt Ion:168 Resp: 109760
Ion Ratio Lower Upper
168 100
99 67.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 53.781 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Tgt Ion: 65 Resp: 95118
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

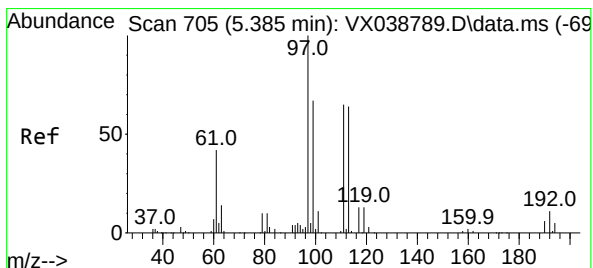
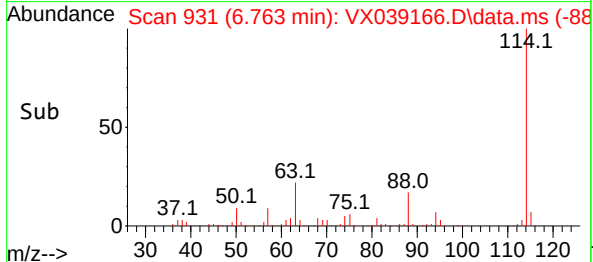
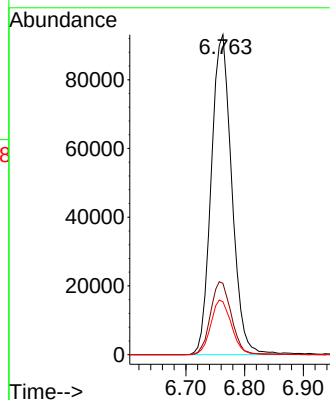
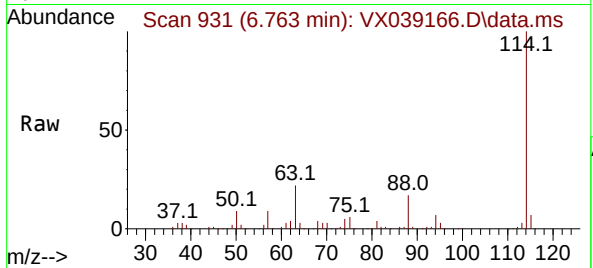




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

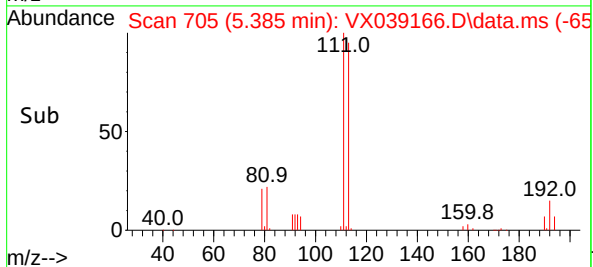
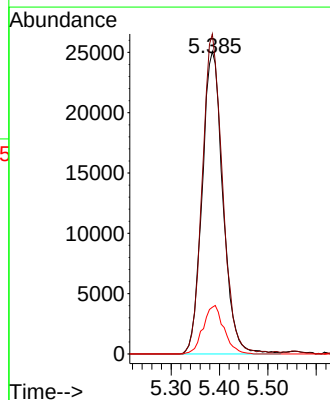
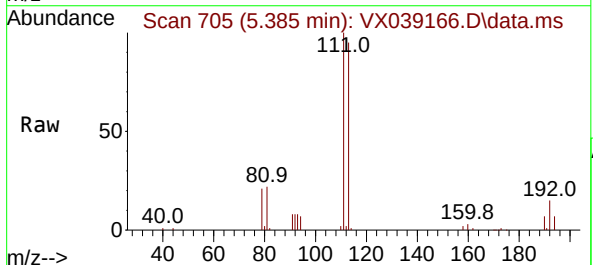
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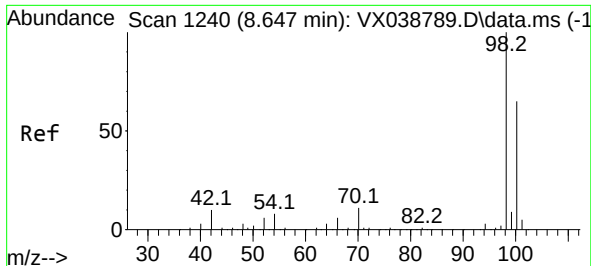
Tgt Ion:114 Resp: 225853
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.765 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Tgt Ion:113 Resp: 74651
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.0 13.3 19.9

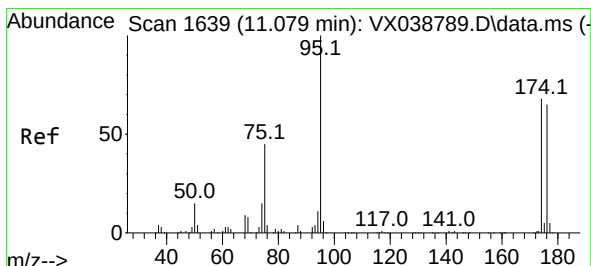
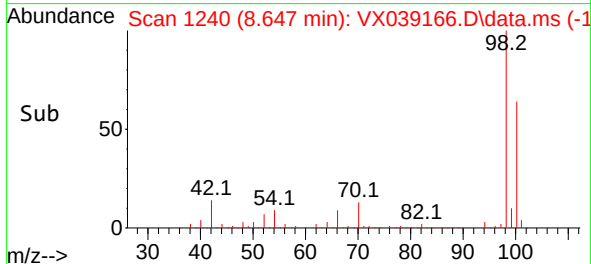
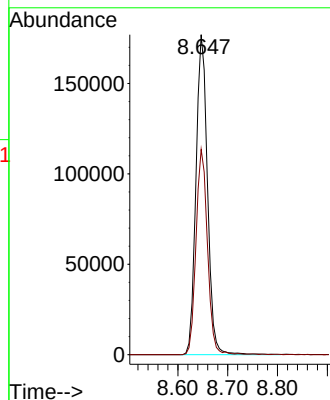
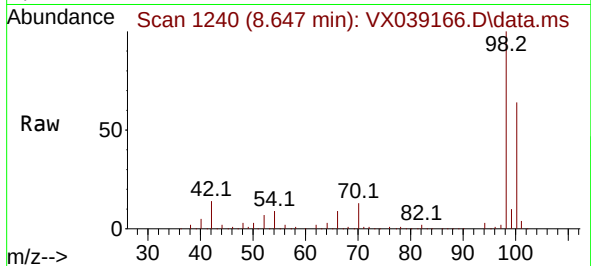




#50
Toluene-d8
Concen: 45.457 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

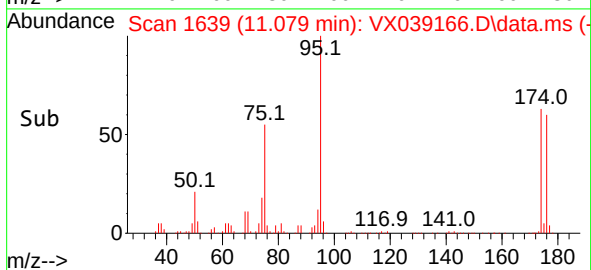
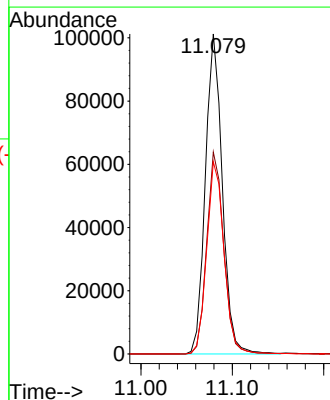
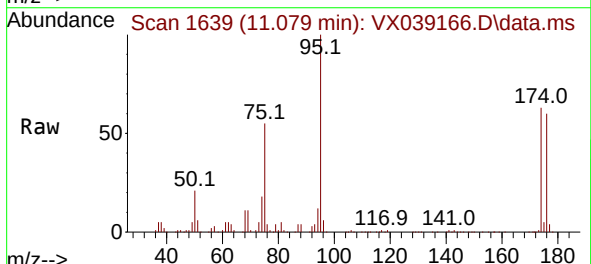
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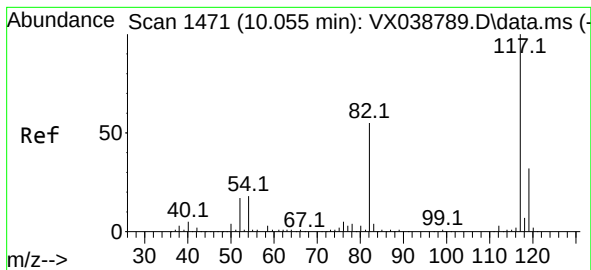
Tgt Ion: 98 Resp: 283694
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Tgt Ion: 95 Resp: 130050
Ion Ratio Lower Upper
95 100
174 63.2 0.0 135.6
176 61.4 0.0 131.0

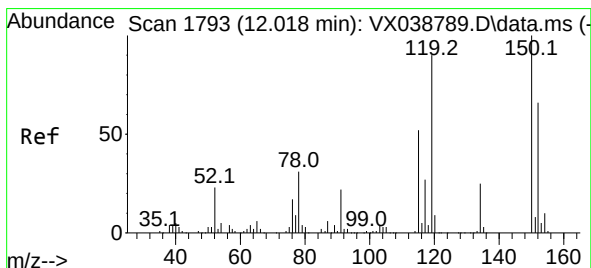
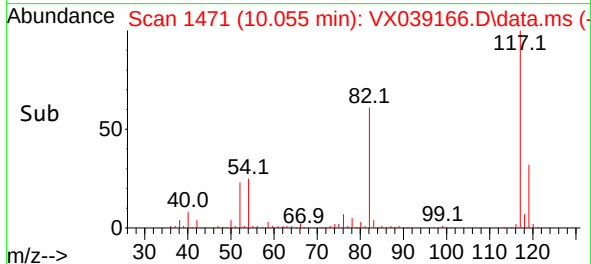
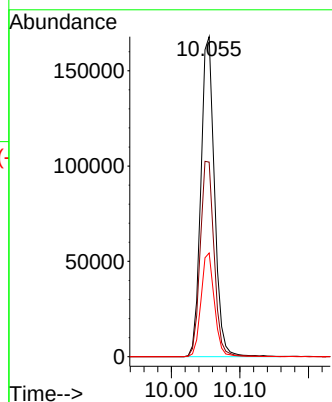
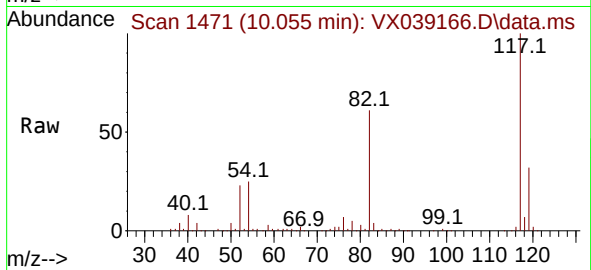




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039166.D
Acq: 12 Dec 2023 15:25

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 232985
Ion Ratio Lower Upper
117 100
82 60.8 46.2 69.4
119 32.4 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: VX039166.D
Acq: 12 Dec 2023 15:25

Tgt Ion:152 Resp: 117409
Ion Ratio Lower Upper
152 100
115 66.8 43.3 129.9
150 158.6 0.0 345.0

