

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039156.D
 Acq On : 12 Dec 2023 11:01
 Operator : JC/MD
 Sample : VX1212WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBL01

Quant Time: Dec 13 04:13:11 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	144487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	293503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142596	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120773	51.874	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.740%
35) Dibromofluoromethane	5.385	113	94944	44.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.580%
50) Toluene-d8	8.647	98	367931	45.366	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.740%#
62) 4-Bromofluorobenzene	11.079	95	162731	50.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.240%

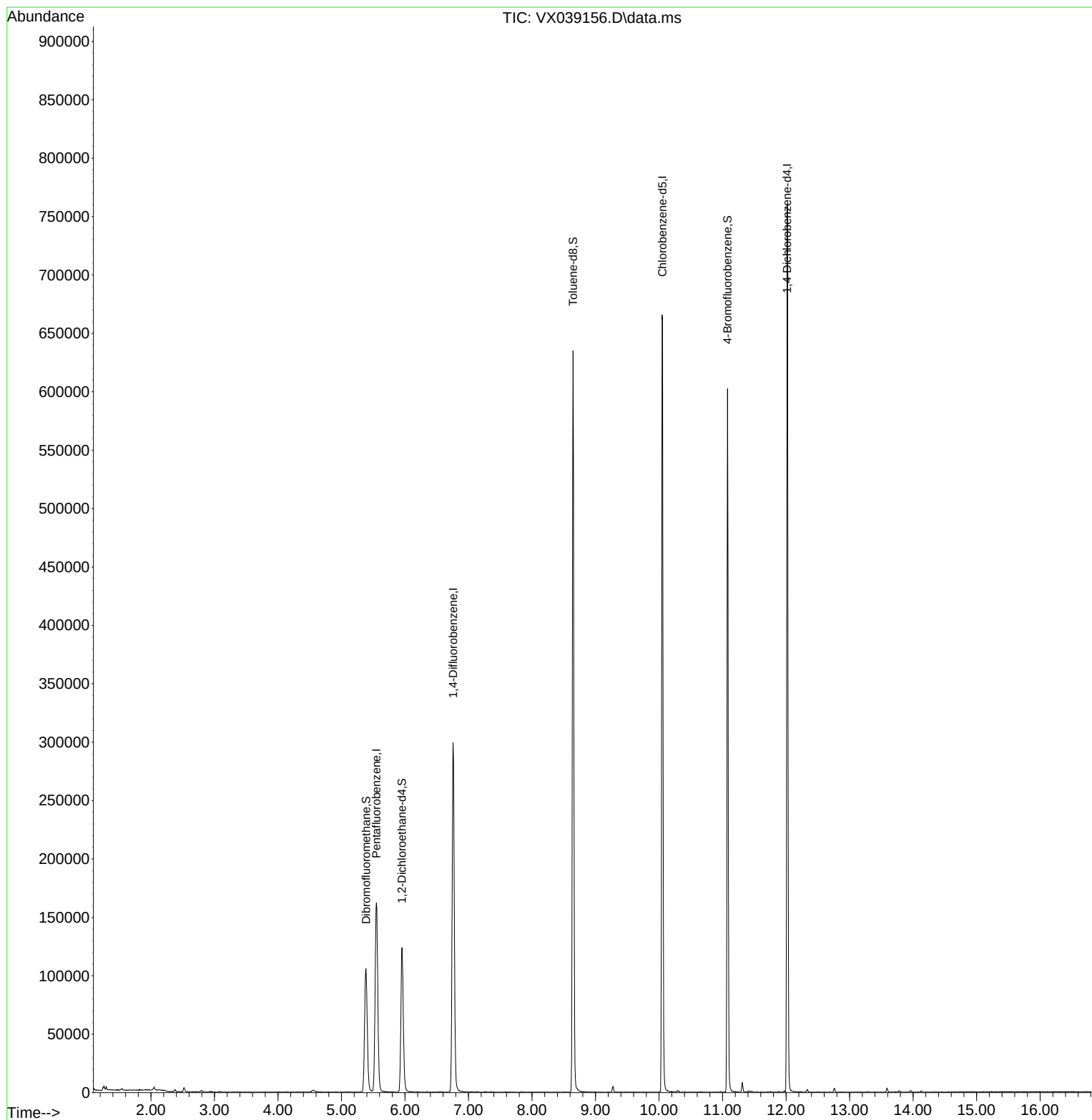
Target Compounds	Qvalue

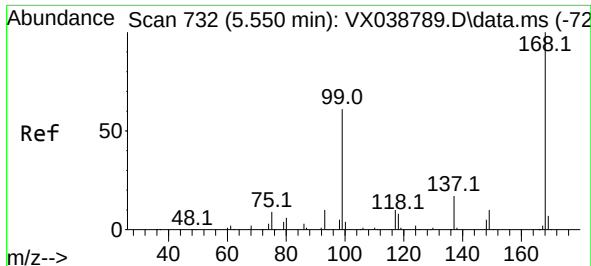
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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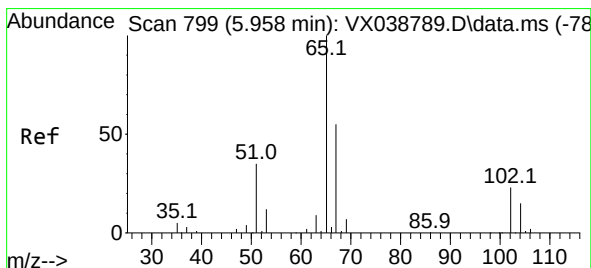
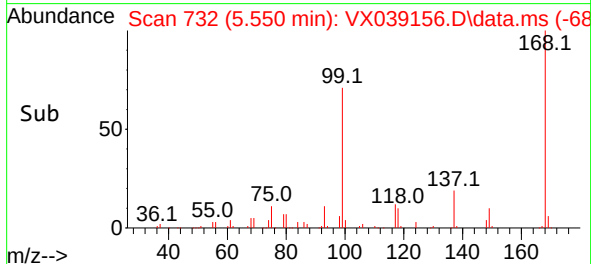
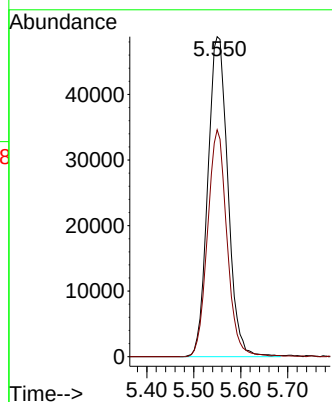
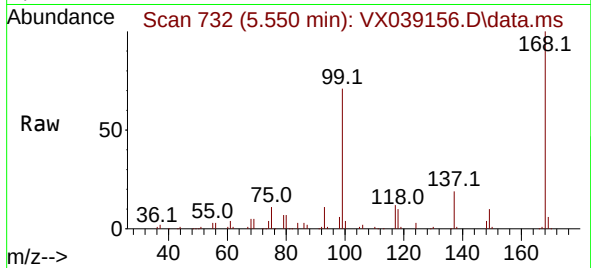




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

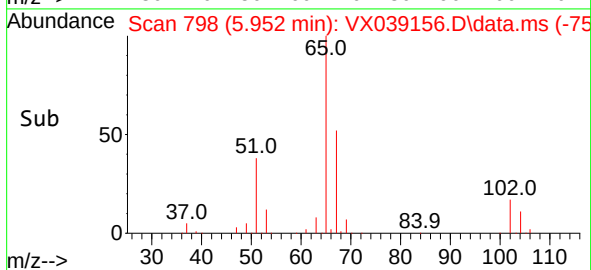
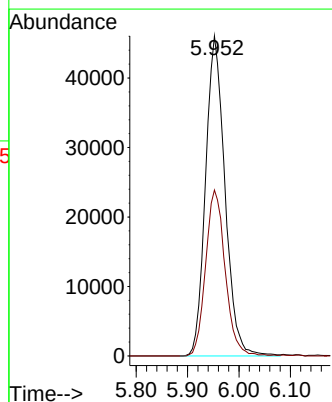
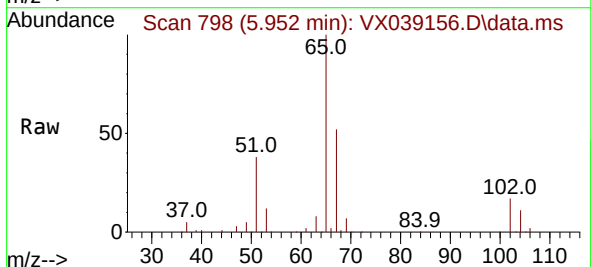
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

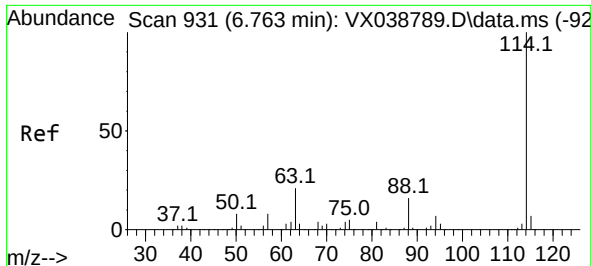
Tgt Ion:168 Resp: 144487
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 51.874 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Tgt Ion: 65 Resp: 120773
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

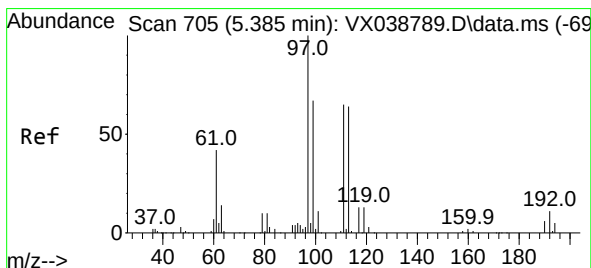
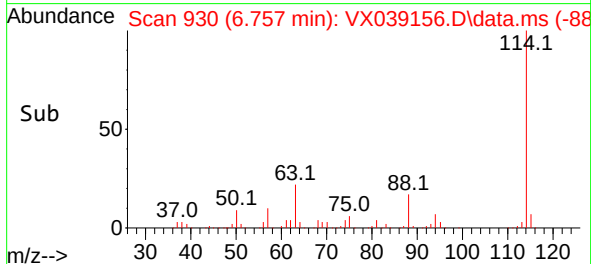
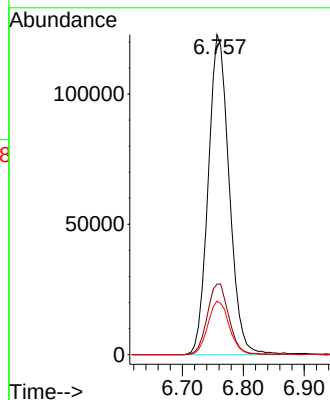
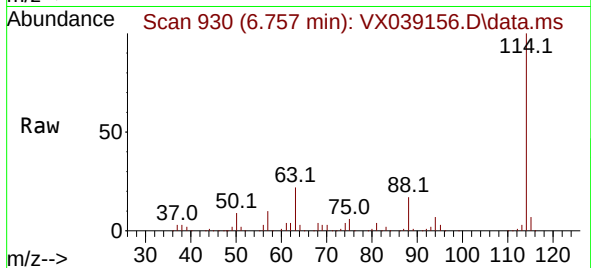




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

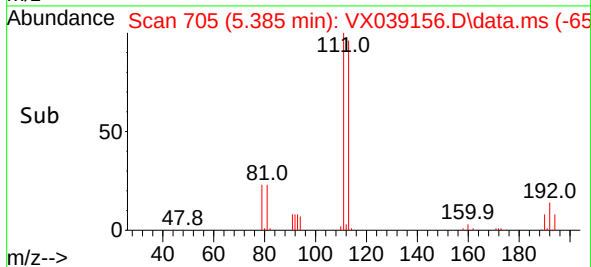
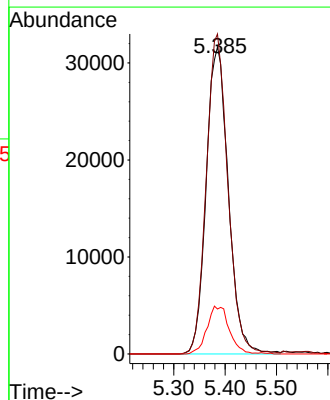
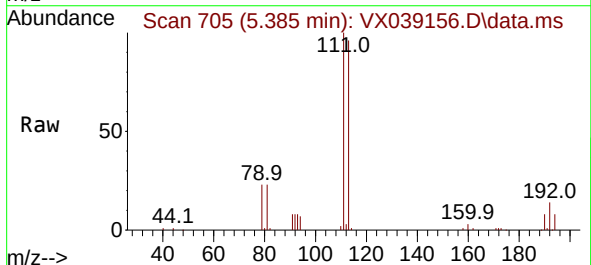
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

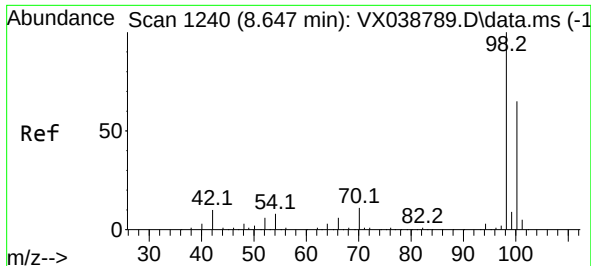
Tgt Ion:114 Resp: 293503
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.790 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Tgt Ion:113 Resp: 94944
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 15.6 13.3 19.9

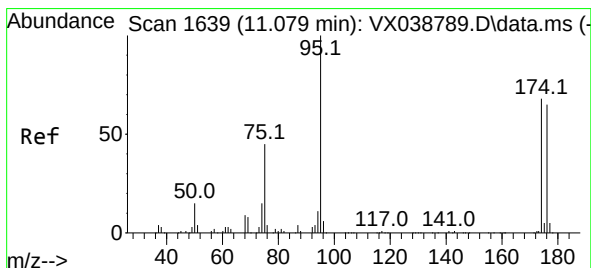
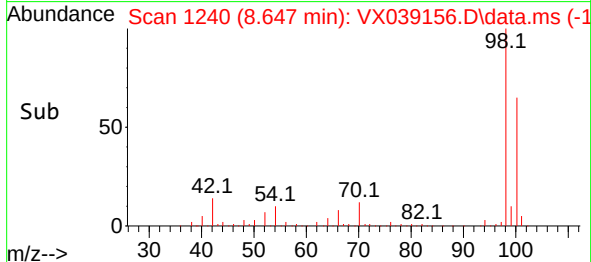
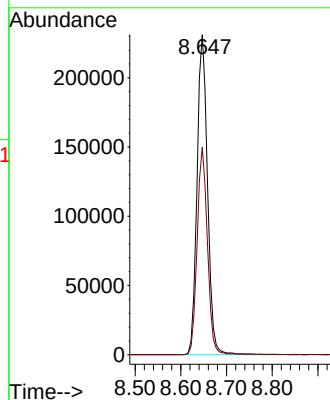
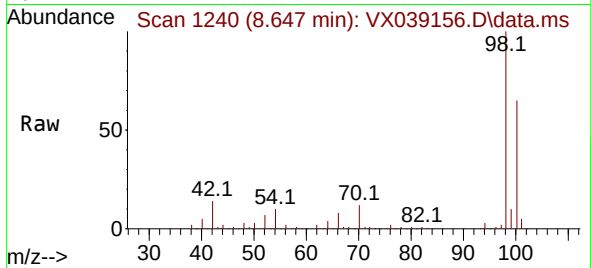




#50
Toluene-d8
Concen: 45.366 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

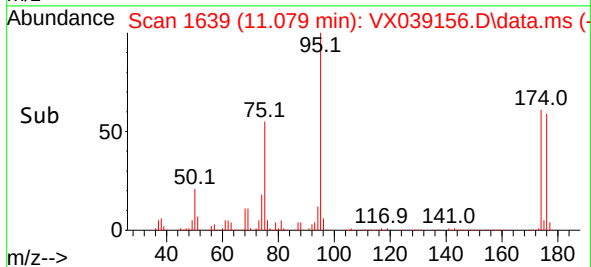
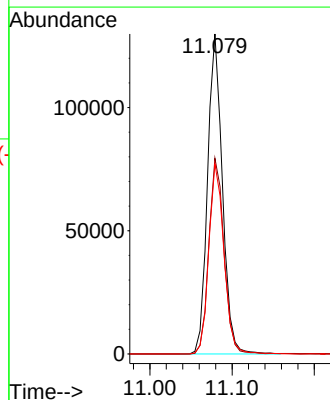
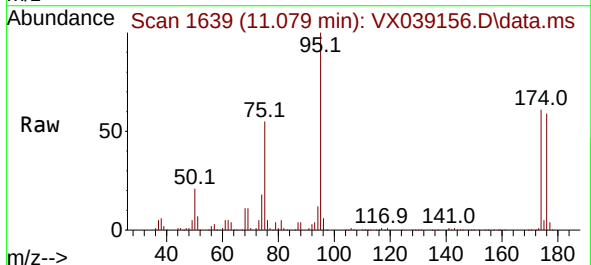
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

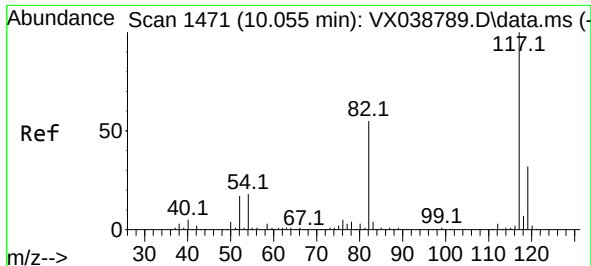
Tgt Ion: 98 Resp: 367931
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Tgt Ion: 95 Resp: 162731
Ion Ratio Lower Upper
95 100
174 62.3 0.0 135.6
176 60.6 0.0 131.0

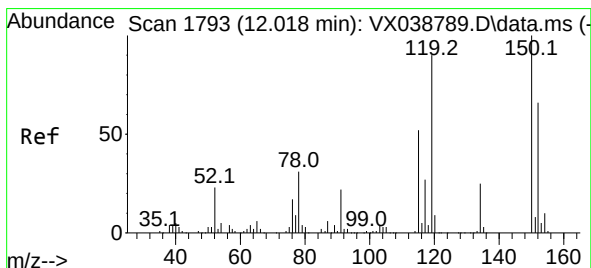
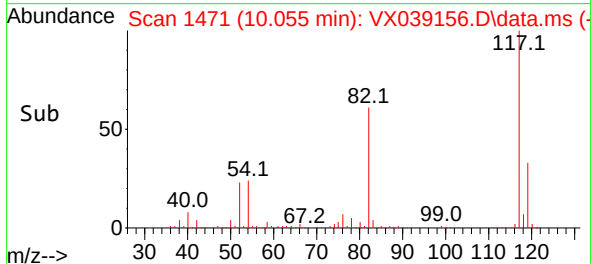
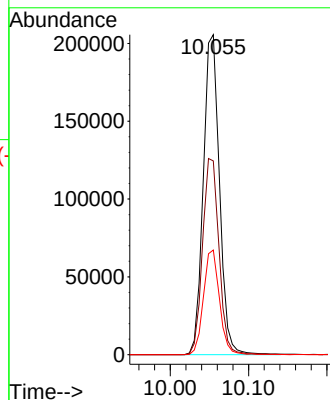
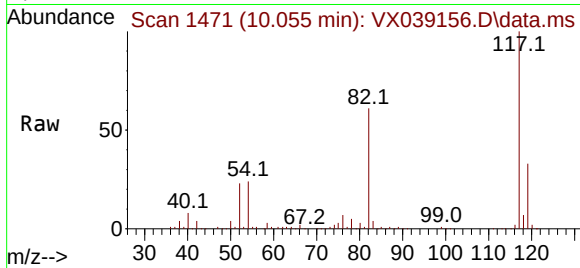




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

Tgt Ion:117 Resp: 294789
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Tgt Ion:152 Resp: 142596
Ion Ratio Lower Upper
152 100
115 68.4 43.3 129.9
150 159.6 0.0 345.0

