

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036935.D
 Acq On : 11 Aug 2023 12:51
 Operator : JC/MD
 Sample : 03980-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 11 22:57:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94008	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89123	48.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.360%
35) Dibromofluoromethane	5.391	113	75007	47.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	275607	48.785	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	104295	48.932	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.860%

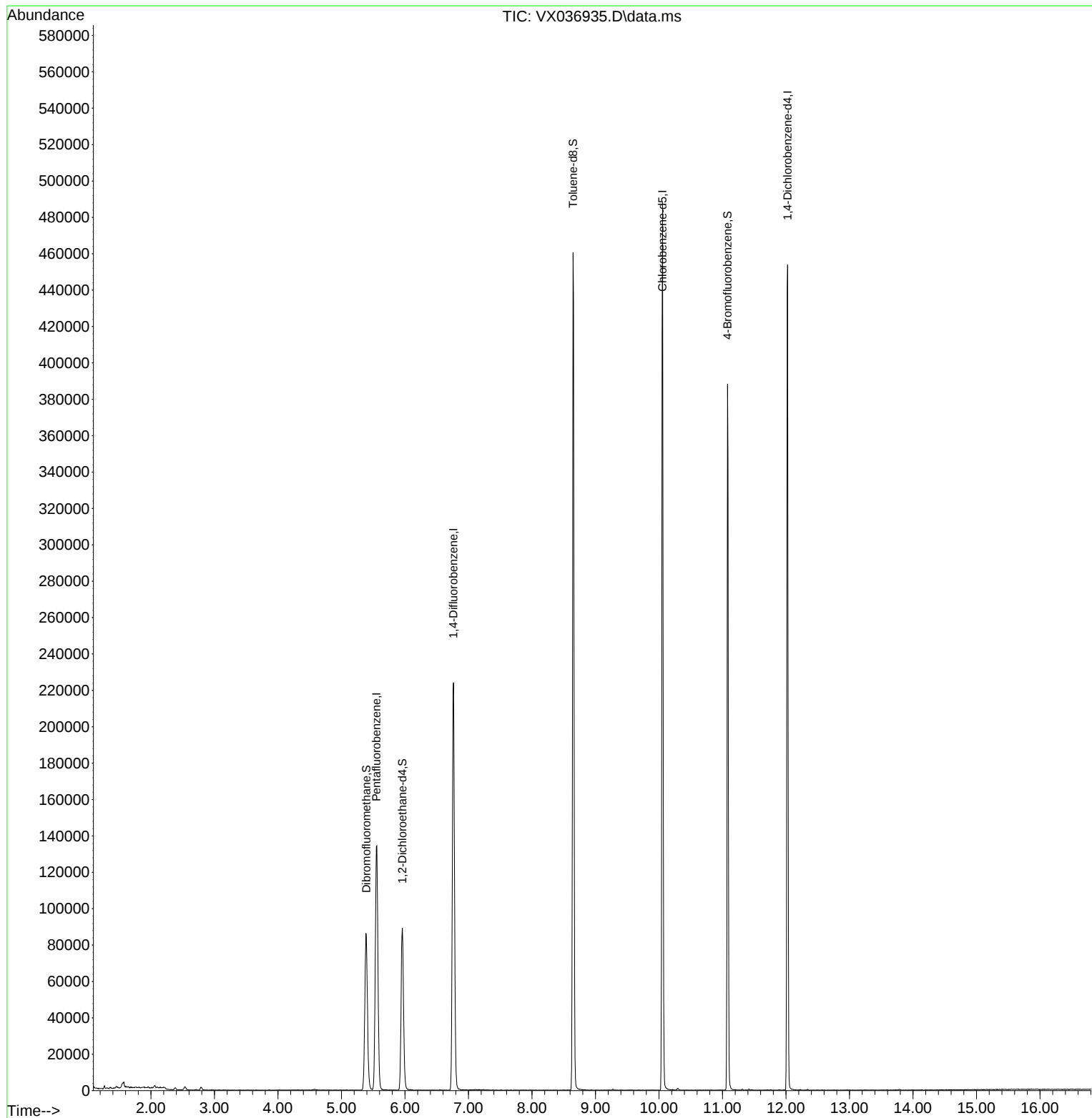
Target Compounds	Qvalue

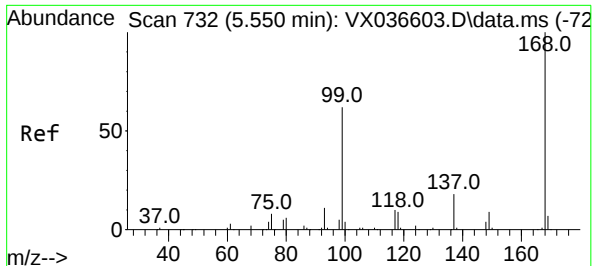
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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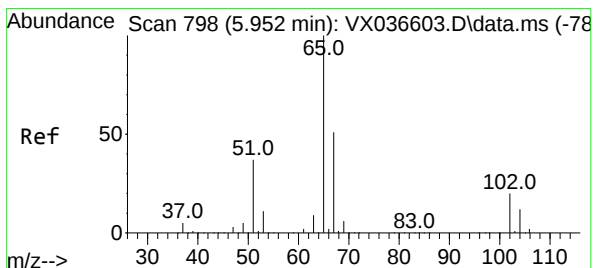
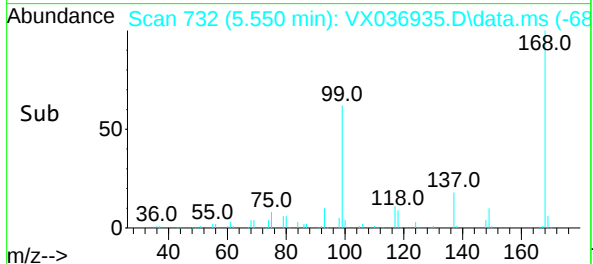
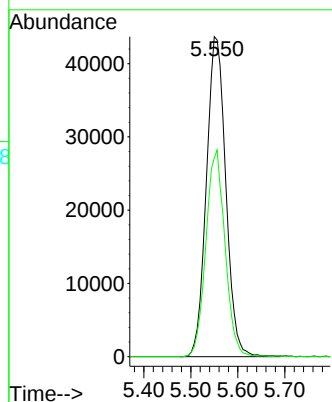
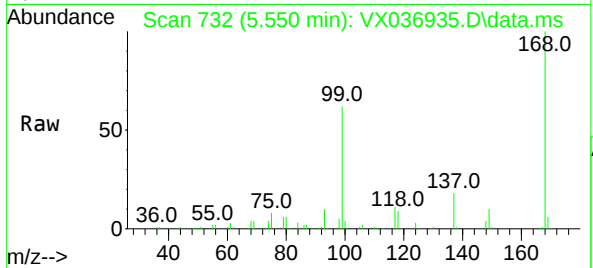




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036935.D
Acq: 11 Aug 2023 12:51

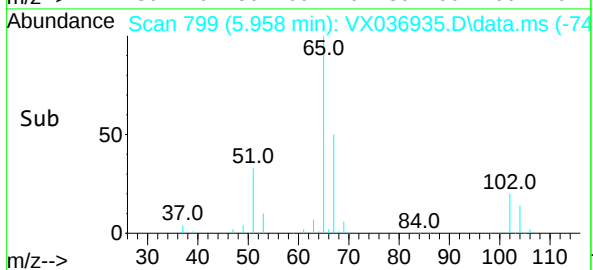
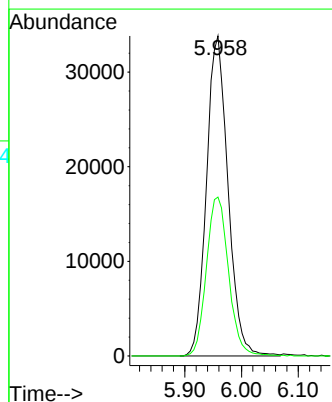
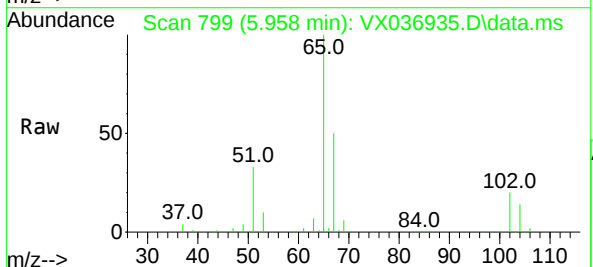
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

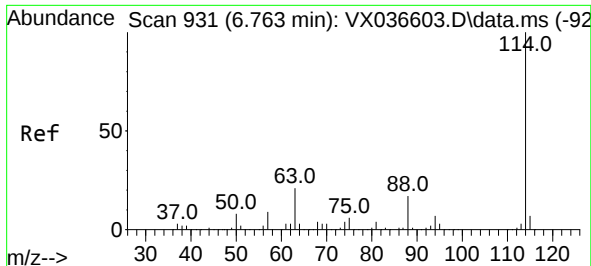
Tgt Ion:168 Resp: 125017
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.180 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036935.D
Acq: 11 Aug 2023 12:51

Tgt Ion: 65 Resp: 89123
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

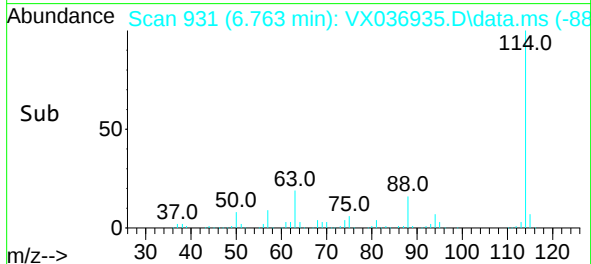
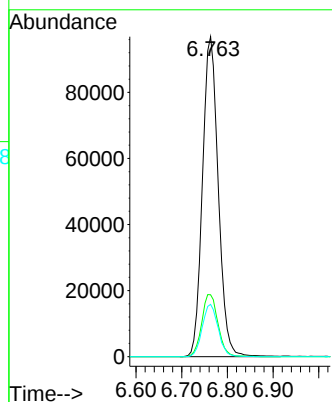
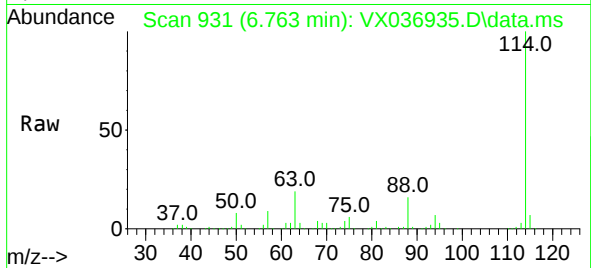




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036935.D
Acq: 11 Aug 2023 12:51

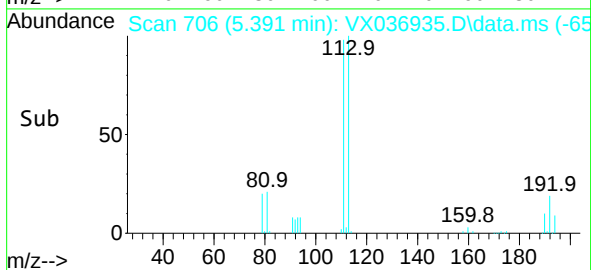
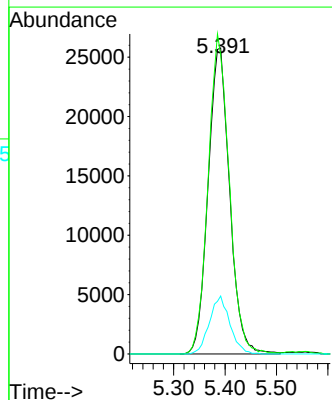
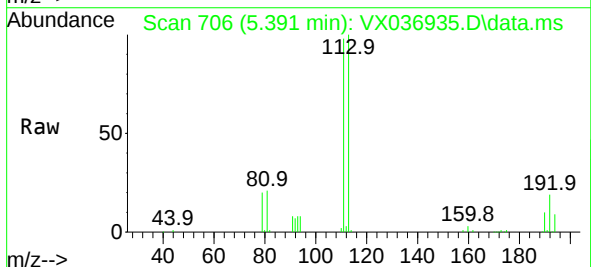
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:114 Resp: 231772
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.083 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036935.D
Acq: 11 Aug 2023 12:51

Tgt Ion:113 Resp: 75007
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.0 13.3 19.9

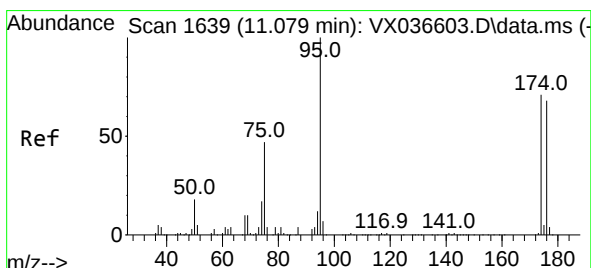
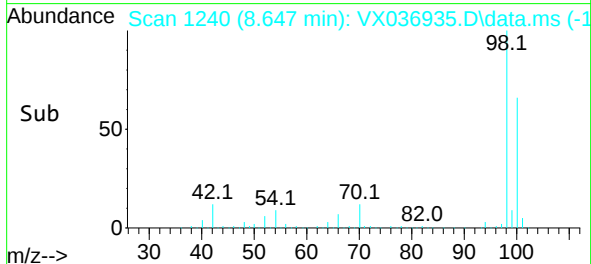
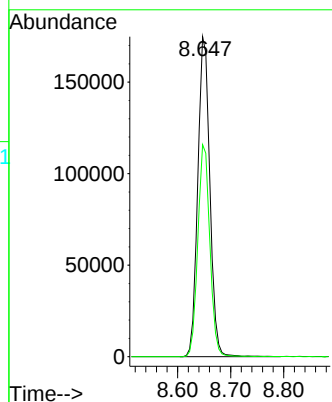
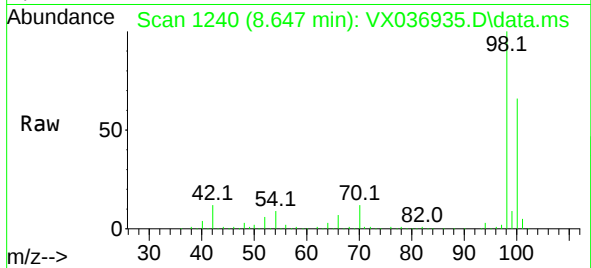




#50
Toluene-d8
Concen: 48.785 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036935.D
Acq: 11 Aug 2023 12:51

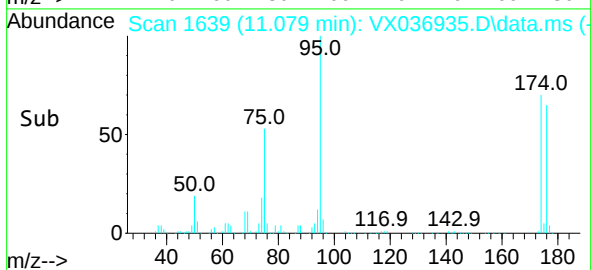
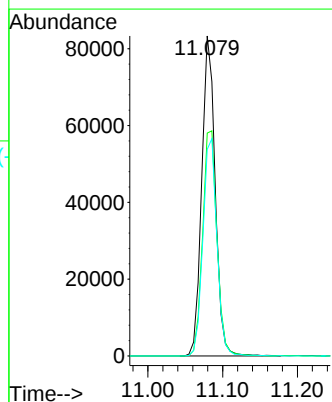
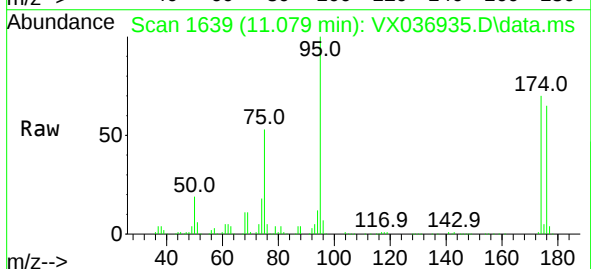
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

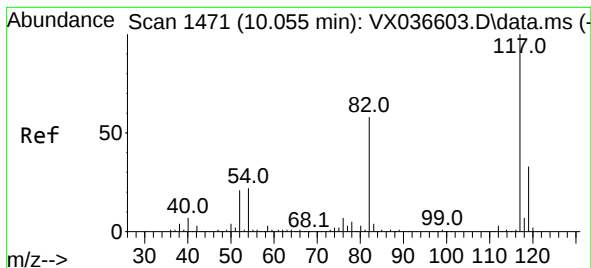
Tgt Ion: 98 Resp: 275607
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036935.D
Acq: 11 Aug 2023 12:51

Tgt Ion: 95 Resp: 104295
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 70.7 0.0 131.0

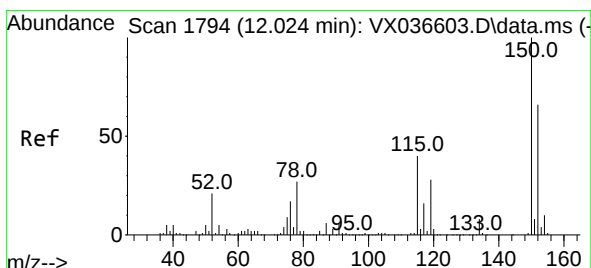
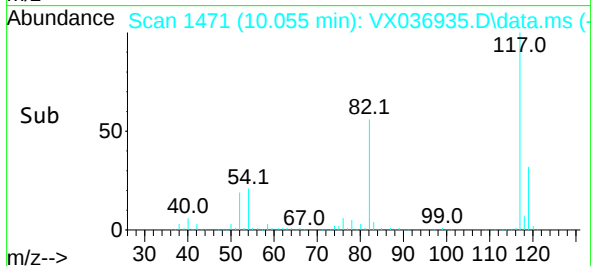
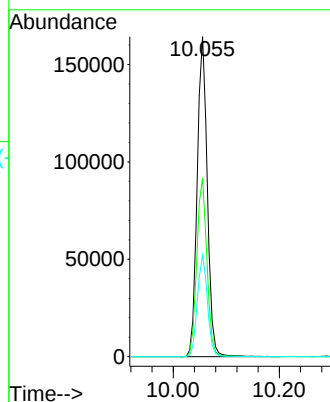
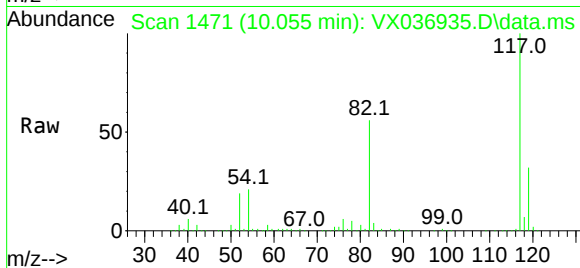




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036935.D
Acq: 11 Aug 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 216703
Ion Ratio Lower Upper
117 100
82 55.9 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. 0.000 min
Lab File: VX036935.D
Acq: 11 Aug 2023 12:51

Tgt Ion:152 Resp: 94008
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 158.7 0.0 345.0

