

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034046.D
 Acq On : 06 Feb 2023 22:30
 Operator : JC/MD
 Sample : 01455-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Feb 07 01:00:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201142	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67198	48.504	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.000%
35) Dibromofluoromethane	5.385	113	62046	48.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	8.647	98	226939	49.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	79362	48.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.360%

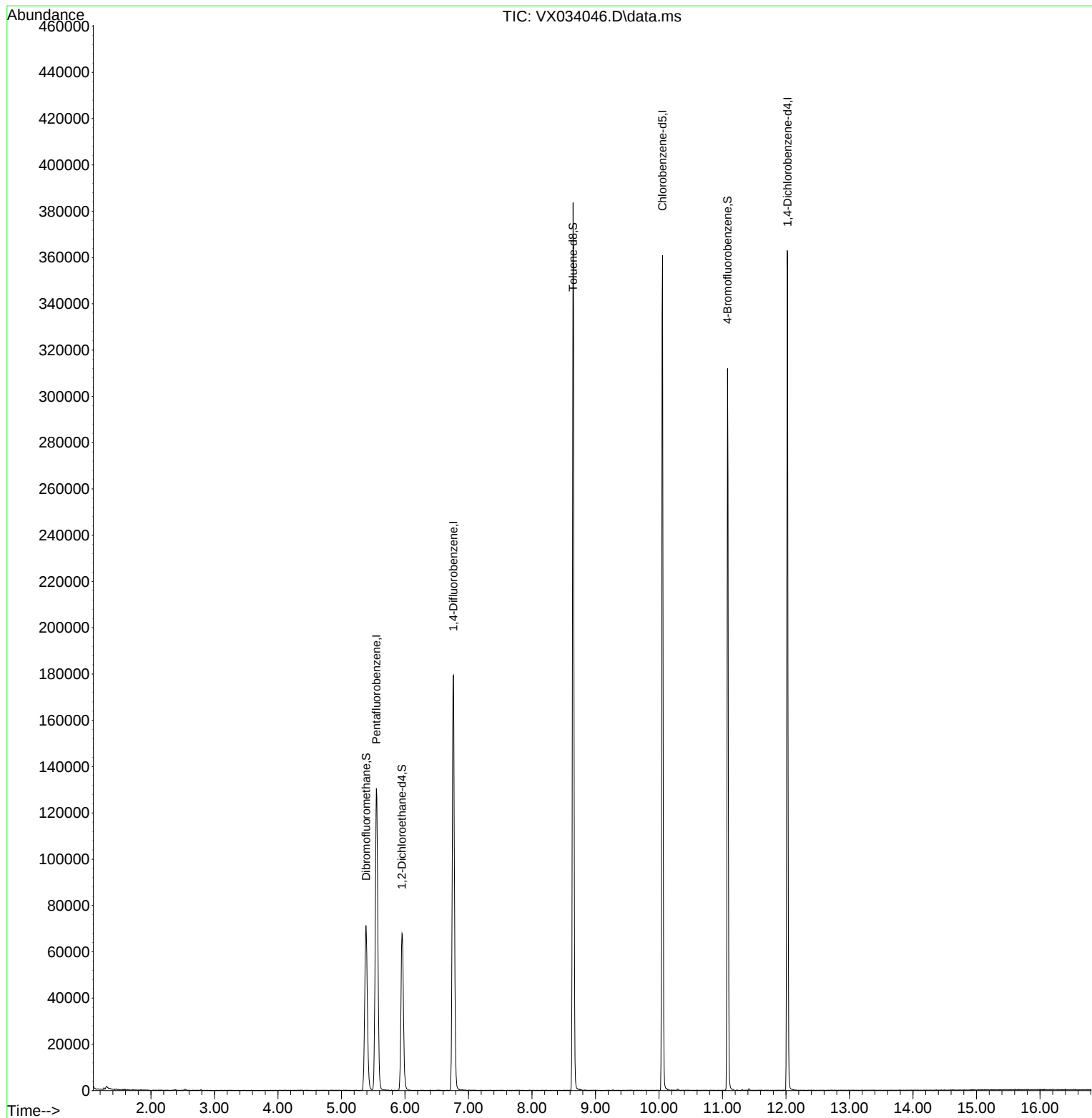
Target Compounds	Qvalue

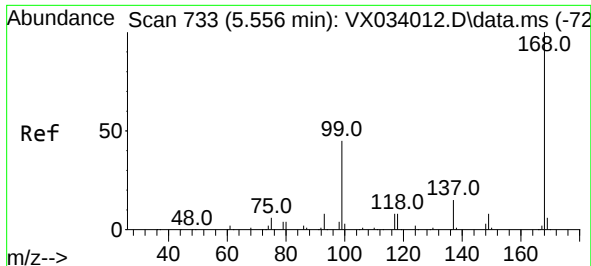
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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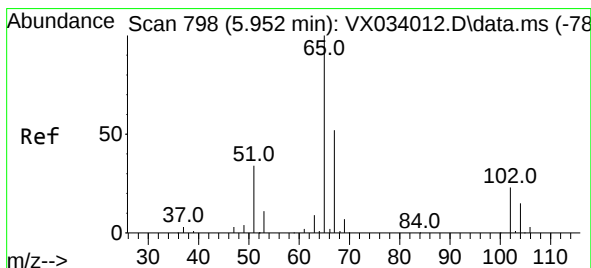
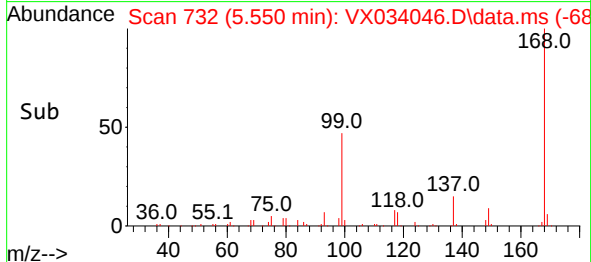
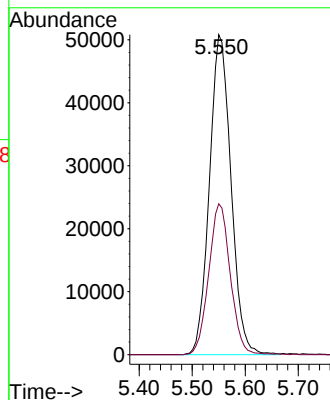
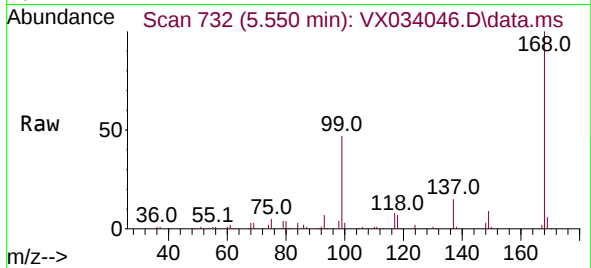




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034046.D
Acq: 06 Feb 2023 22:30

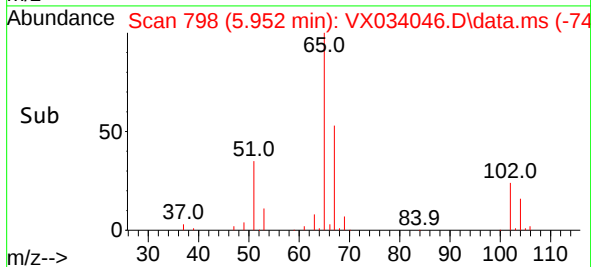
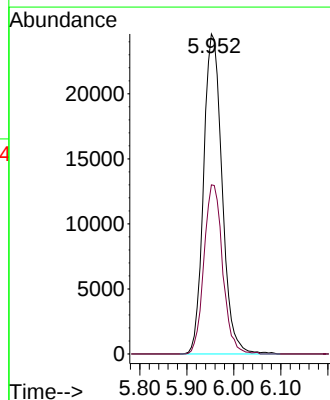
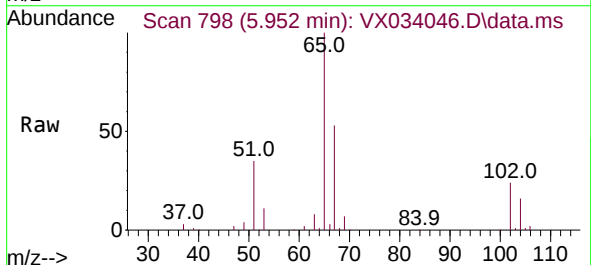
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

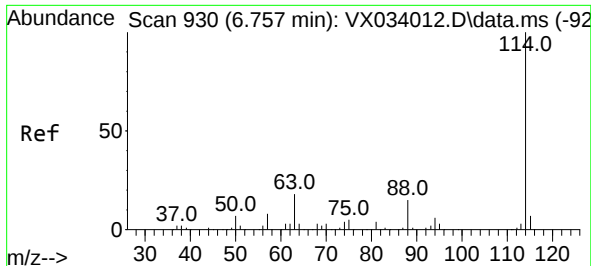
Tgt Ion:168 Resp: 143707
Ion Ratio Lower Upper
168 100
99 47.2 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 48.504 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034046.D
Acq: 06 Feb 2023 22:30

Tgt Ion: 65 Resp: 67198
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8

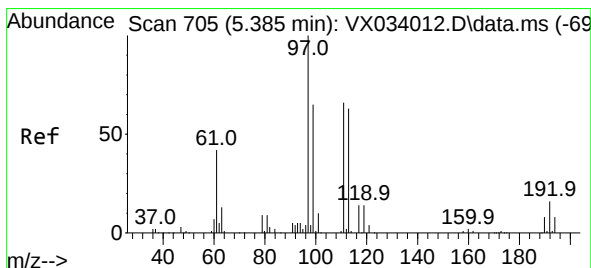
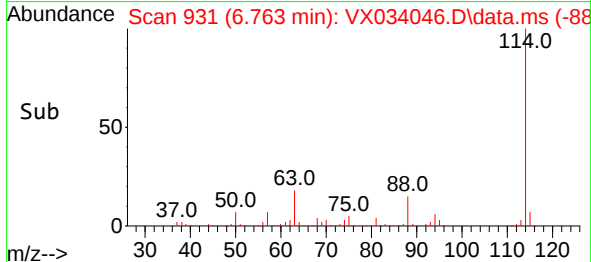
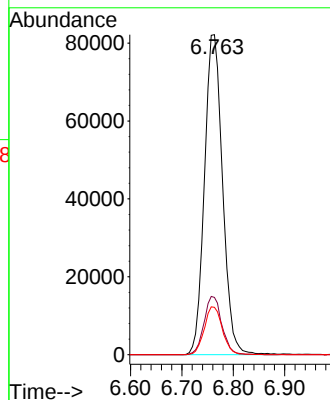
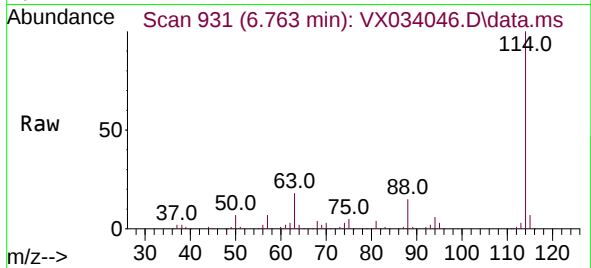




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034046.D
Acq: 06 Feb 2023 22:30

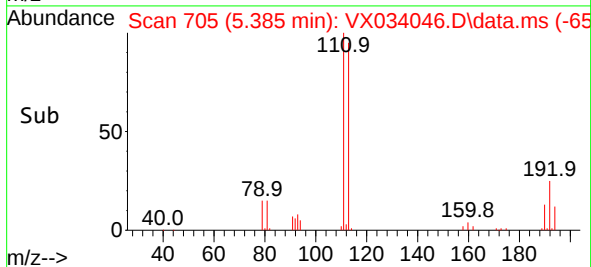
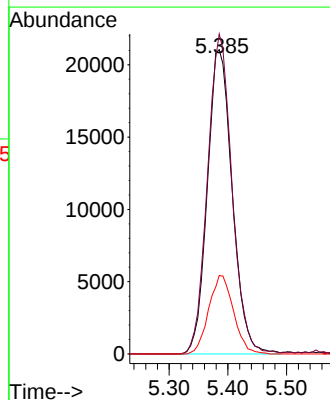
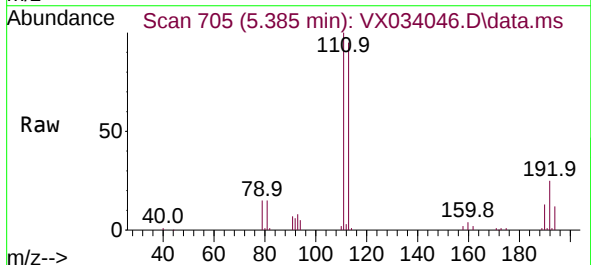
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

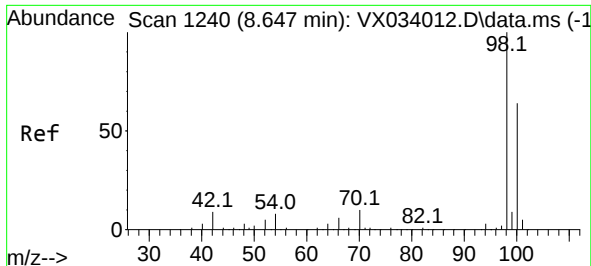
Tgt Ion:114 Resp: 201142
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.468 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034046.D
Acq: 06 Feb 2023 22:30

Tgt Ion:113 Resp: 62046
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 25.6 19.0 28.4

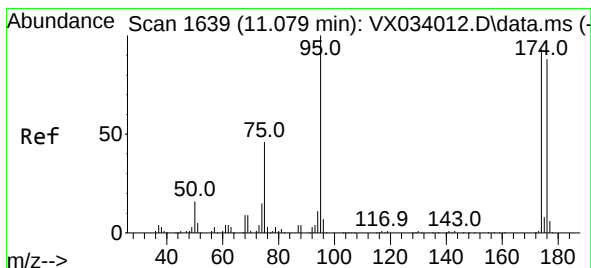
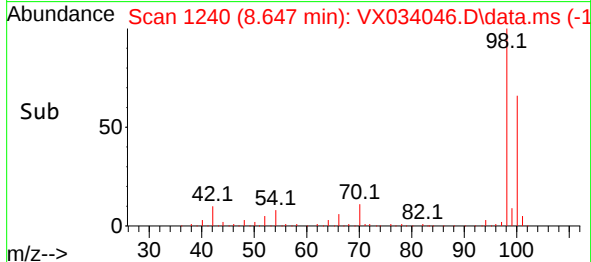
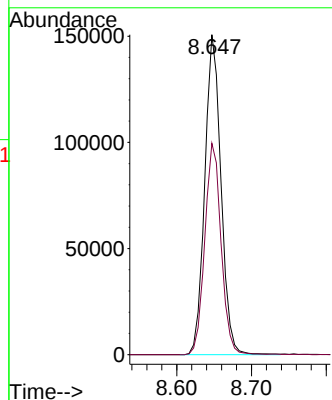
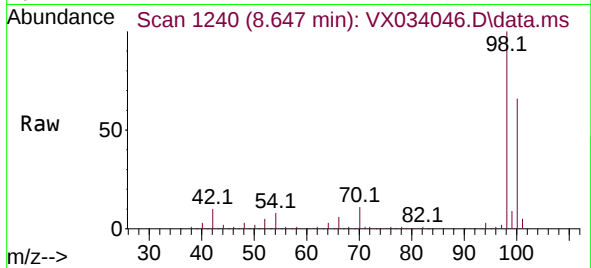




#50
Toluene-d8
Concen: 49.204 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034046.D
Acq: 06 Feb 2023 22:30

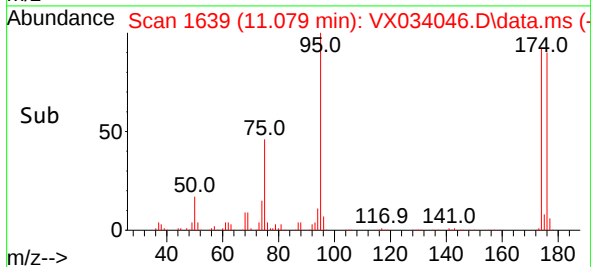
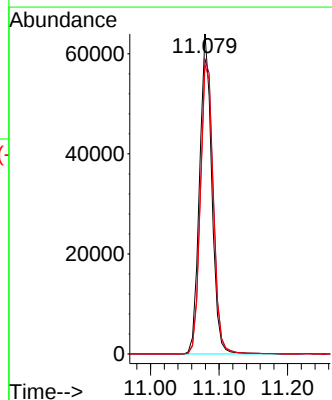
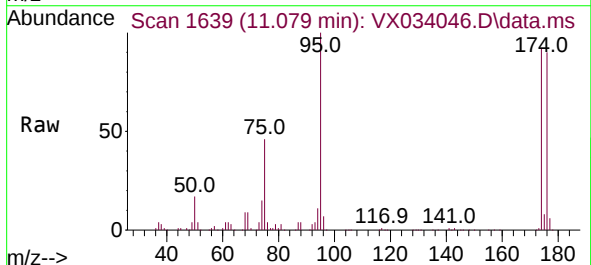
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

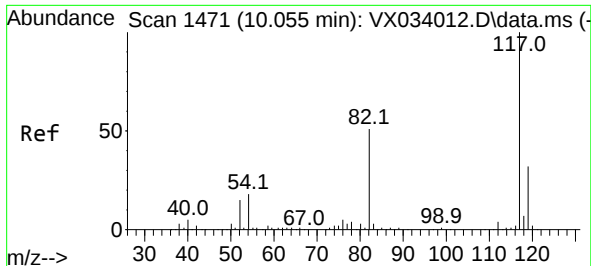
Tgt Ion: 98 Resp: 226939
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 48.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034046.D
Acq: 06 Feb 2023 22:30

Tgt Ion: 95 Resp: 79362
Ion Ratio Lower Upper
95 100
174 98.3 0.0 184.4
176 95.2 0.0 178.8

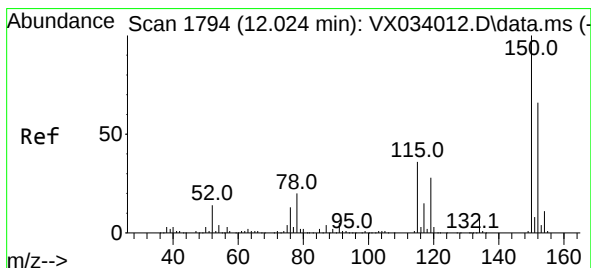
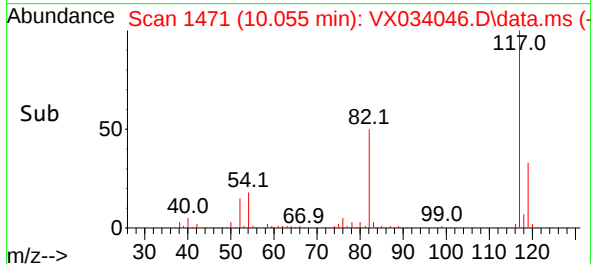
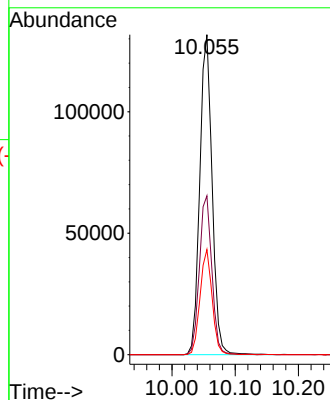
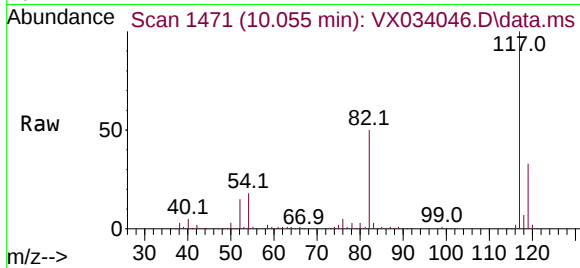




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034046.D
Acq: 06 Feb 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 178911
Ion Ratio Lower Upper
117 100
82 49.7 40.6 60.8
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034046.D
Acq: 06 Feb 2023 22:30

Tgt Ion:152 Resp: 86647
Ion Ratio Lower Upper
152 100
115 53.6 38.7 116.1
150 157.4 0.0 348.2

