

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034180.D
 Acq On : 20 Feb 2023 12:17
 Operator : JC/MD
 Sample : 01593-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2023-2-16

Quant Time: Feb 21 01:05:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	374173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	626594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	218269	43.314	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.620%
35) Dibromofluoromethane	5.385	113	197434	48.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	8.647	98	748882	51.126	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.260%
62) 4-Bromofluorobenzene	11.079	95	255236	45.555	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.120%

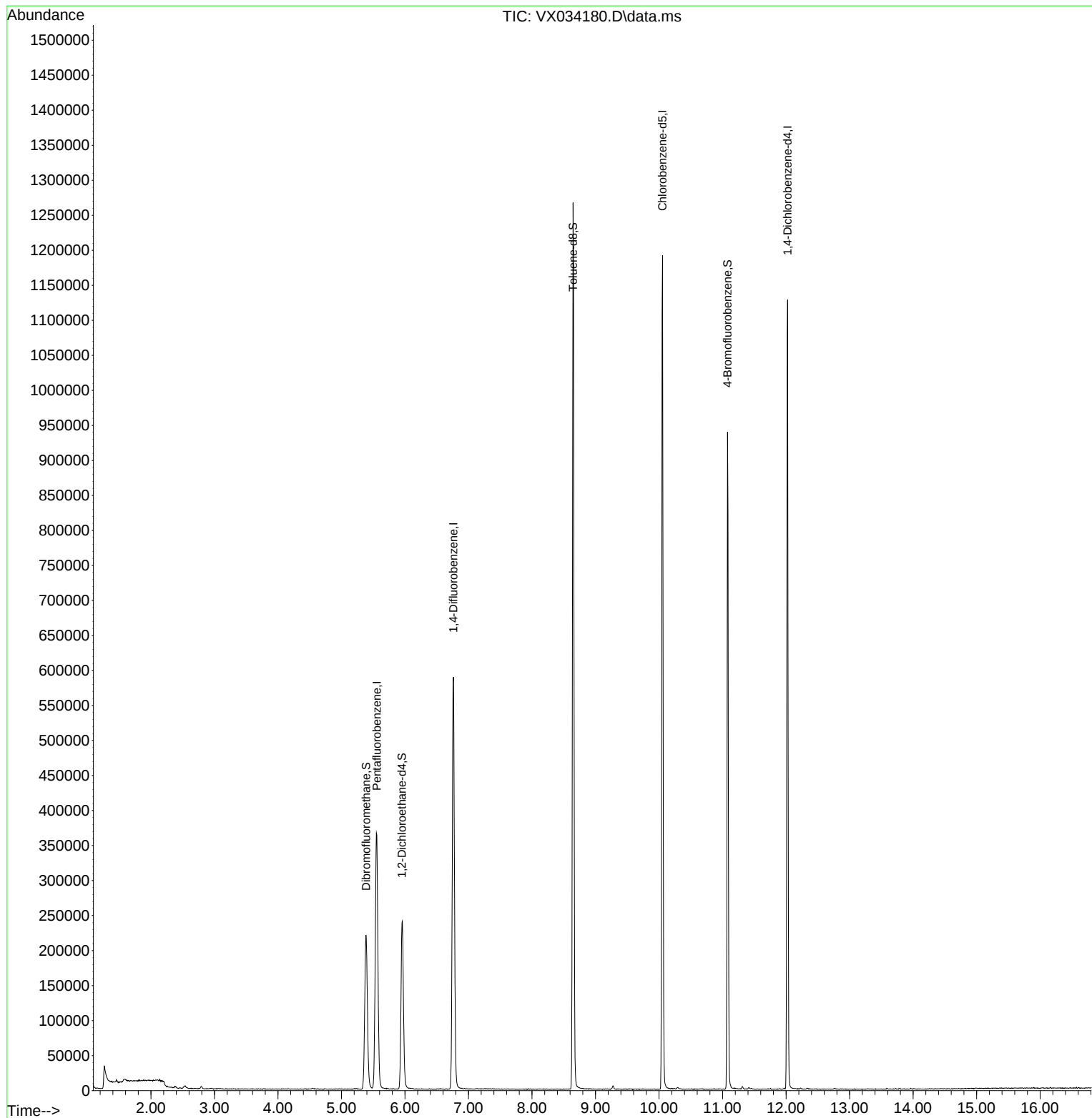
Target Compounds	Qvalue

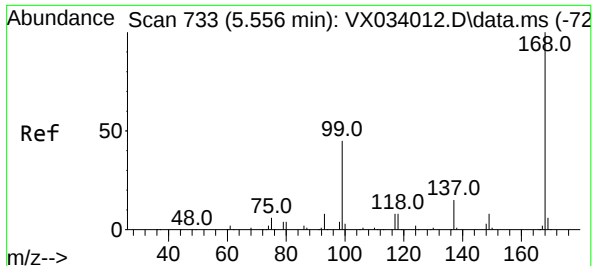
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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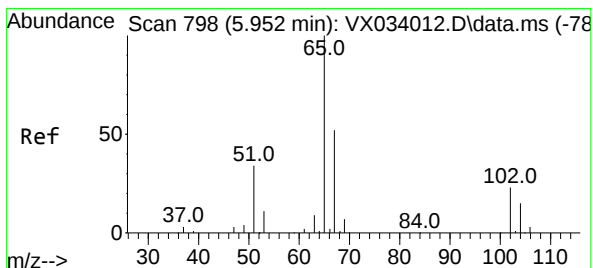
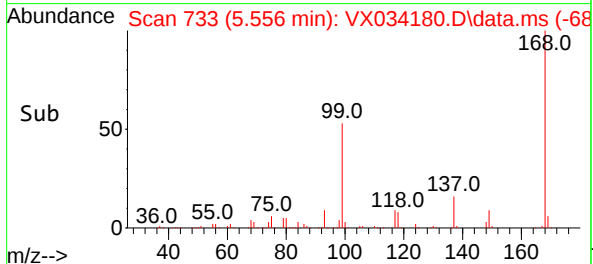
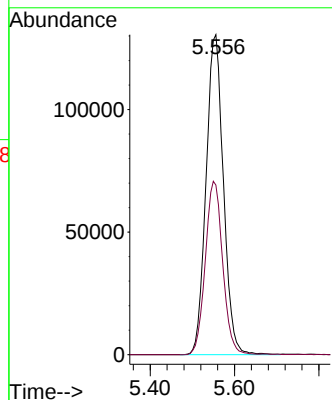
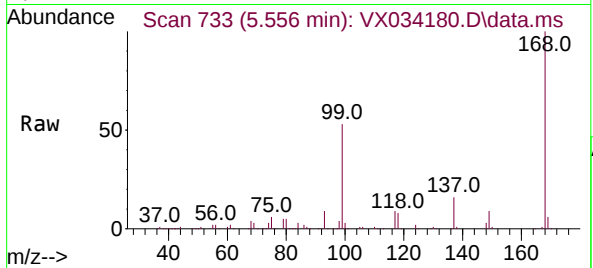




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX034180.D
Acq: 20 Feb 2023 12:17

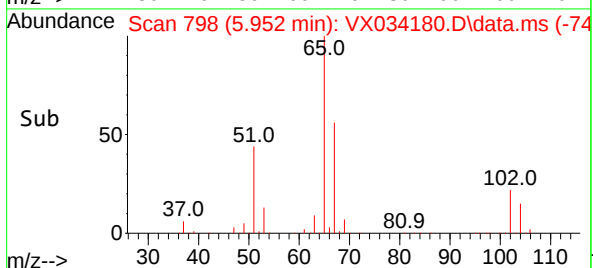
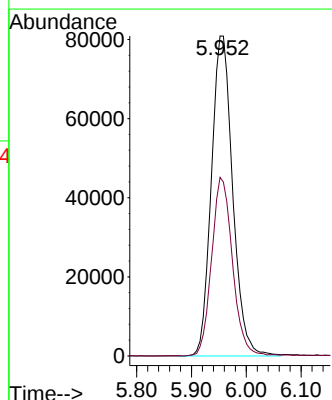
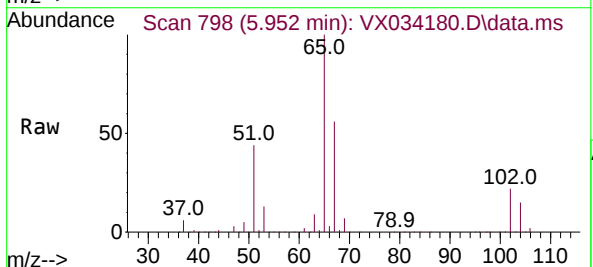
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-16

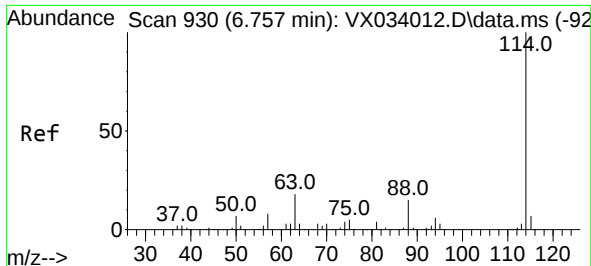
Tgt Ion:168 Resp: 374173
Ion Ratio Lower Upper
168 100
99 53.0 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 43.314 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034180.D
Acq: 20 Feb 2023 12:17

Tgt Ion: 65 Resp: 218269
Ion Ratio Lower Upper
65 100
67 54.7 0.0 104.8

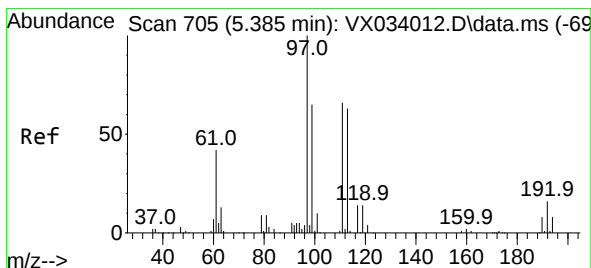
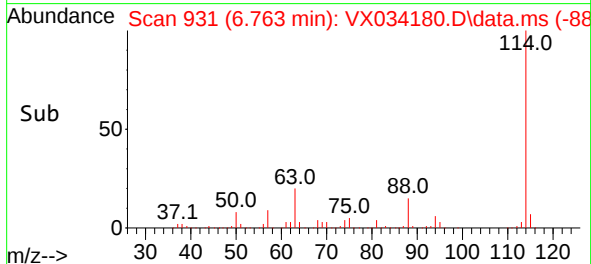
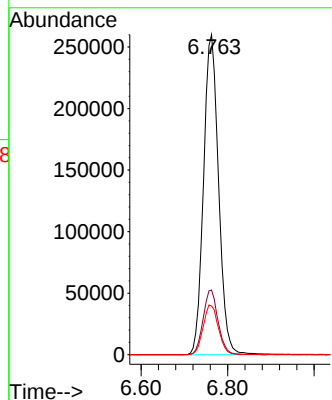
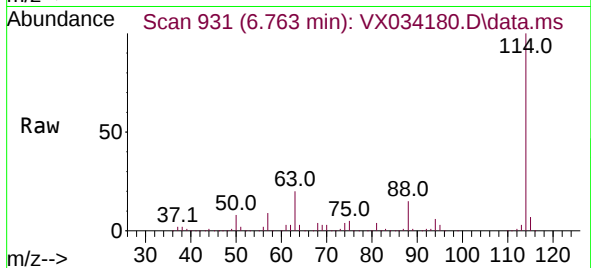




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034180.D
Acq: 20 Feb 2023 12:17

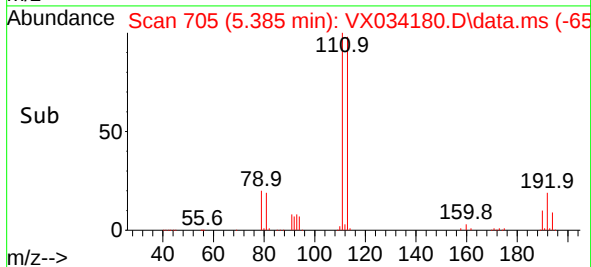
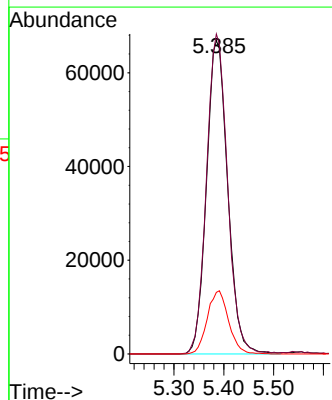
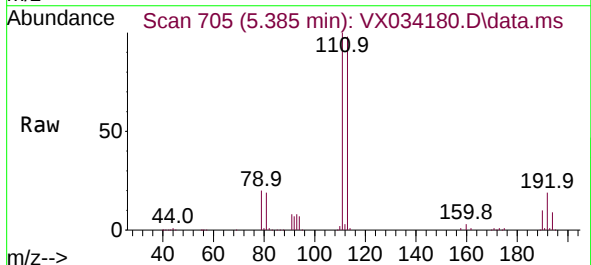
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-16

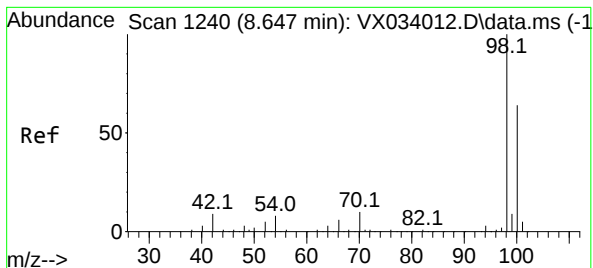
Tgt Ion:114 Resp: 626594
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.394 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034180.D
Acq: 20 Feb 2023 12:17

Tgt Ion:113 Resp: 197434
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.6
192 20.2 19.0 28.4





#50

Toluene-d8

Concen: 51.126 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034180.D

Acq: 20 Feb 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

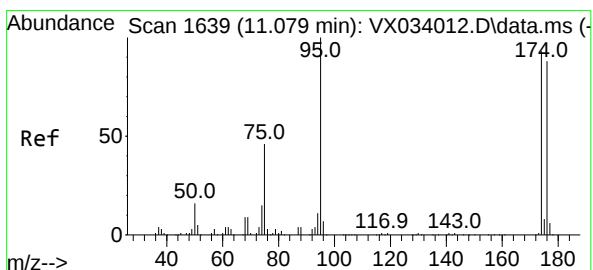
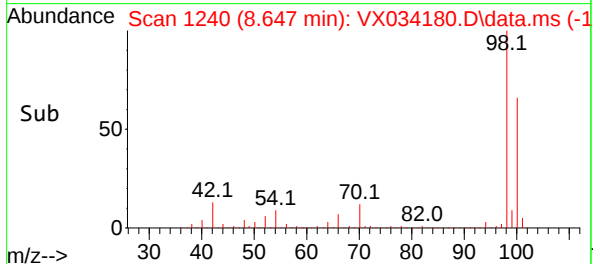
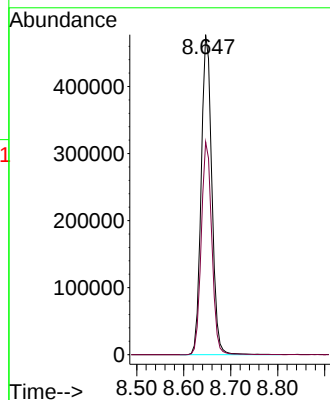
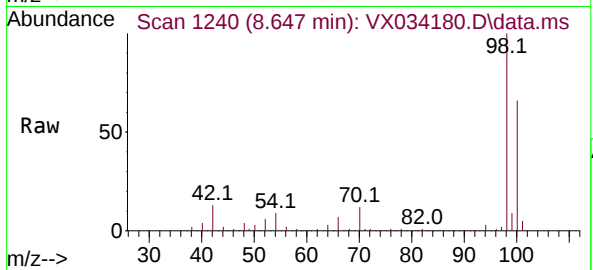
TB-2023-2-16

Tgt Ion: 98 Resp: 748882

Ion Ratio Lower Upper

98 100

100 66.3 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 45.555 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034180.D

Acq: 20 Feb 2023 12:17

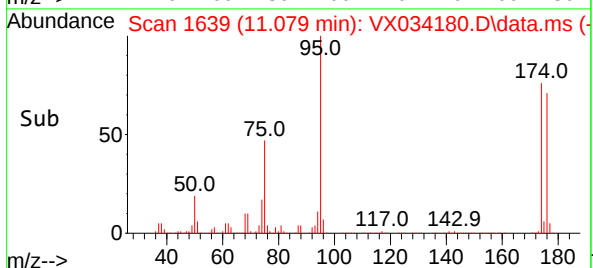
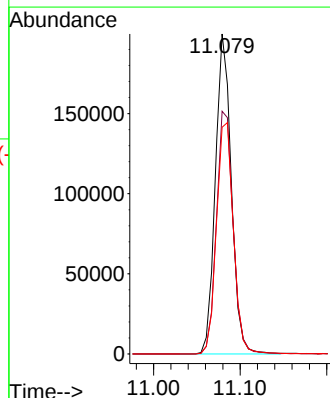
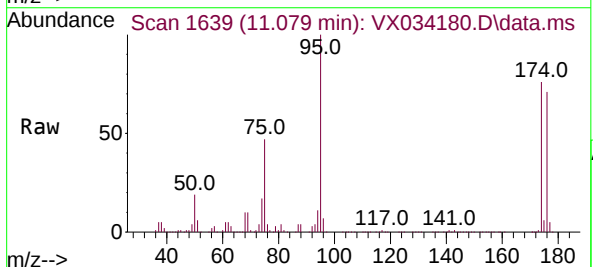
Tgt Ion: 95 Resp: 255236

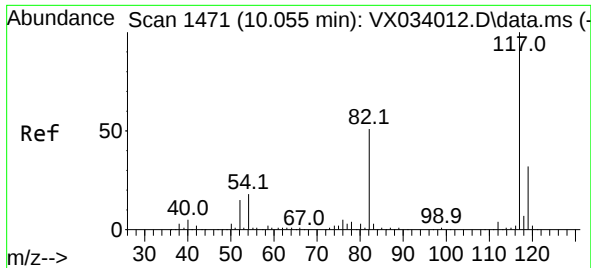
Ion Ratio Lower Upper

95 100

174 79.4 0.0 184.4

176 77.1 0.0 178.8

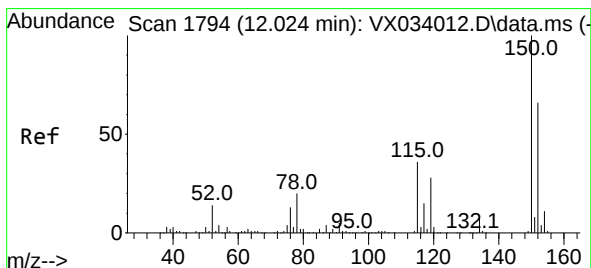
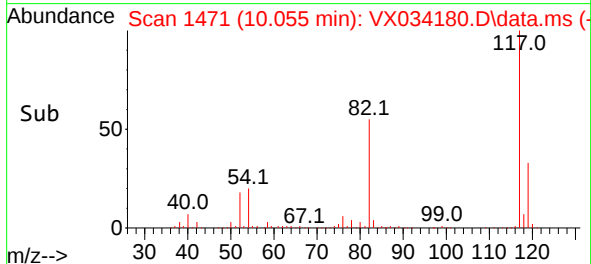
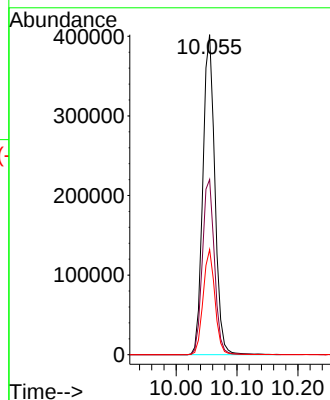
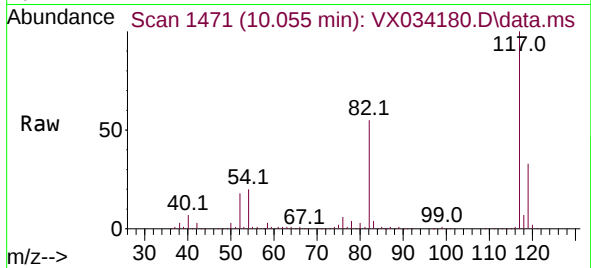




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034180.D
Acq: 20 Feb 2023 12:17

Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-16

Tgt Ion:117 Resp: 549643
Ion Ratio Lower Upper
117 100
82 54.7 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: VX034180.D
Acq: 20 Feb 2023 12:17

Tgt Ion:152 Resp: 246004
Ion Ratio Lower Upper
152 100
115 57.9 38.7 116.1
150 156.0 0.0 348.2

