

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033184.D
 Acq On : 02 Dec 2022 14:39
 Operator : JC/MD
 Sample : N5847-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-12-1

Quant Time: Dec 03 04:32:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	120910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66563	56.763	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.520%
35) Dibromofluoromethane	5.391	113	52759	47.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	8.647	98	171105	51.773	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.540%
62) 4-Bromofluorobenzene	11.079	95	63081	43.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%

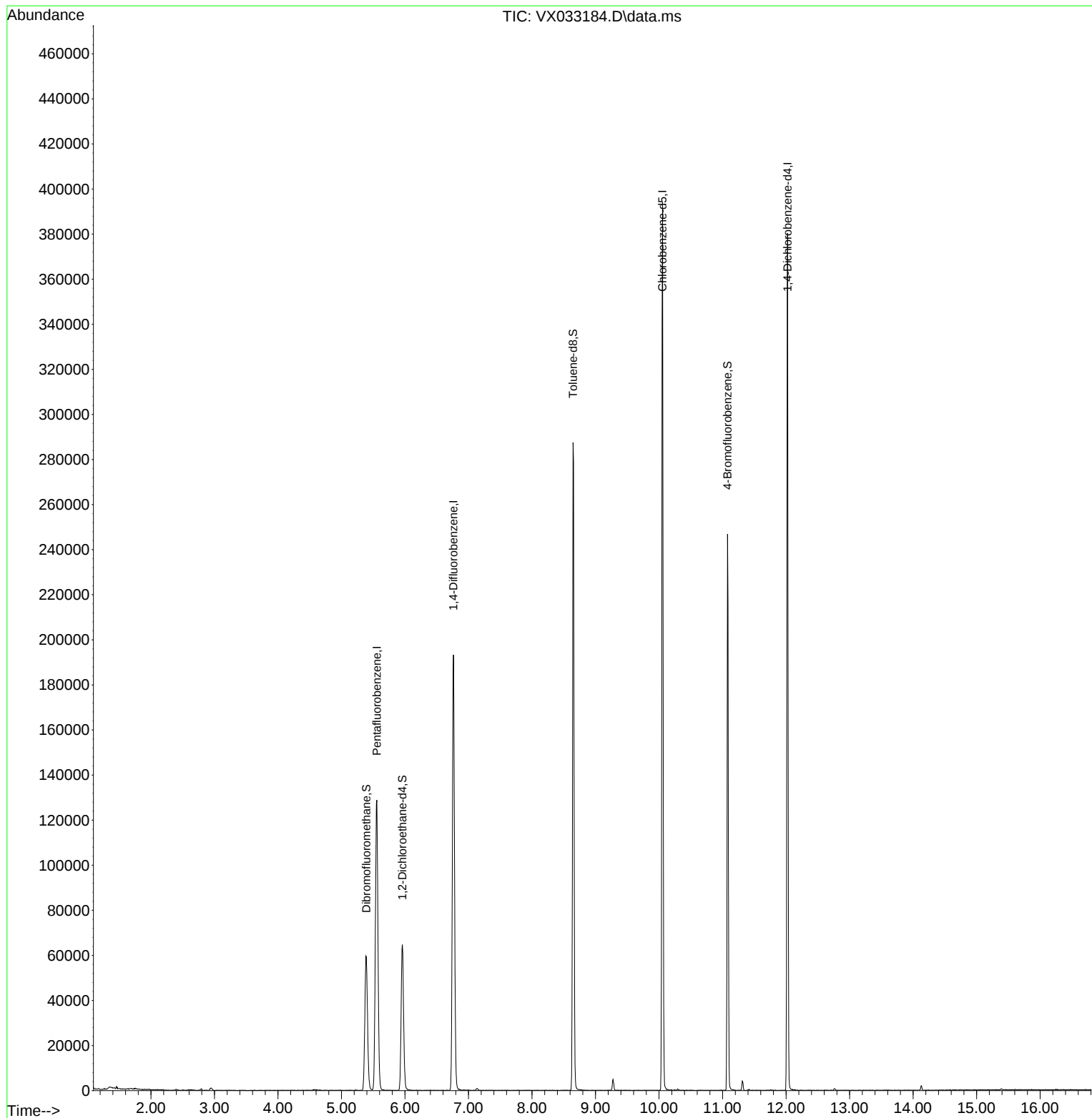
Target Compounds	Qvalue

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

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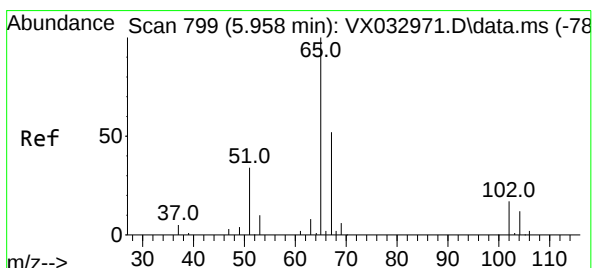
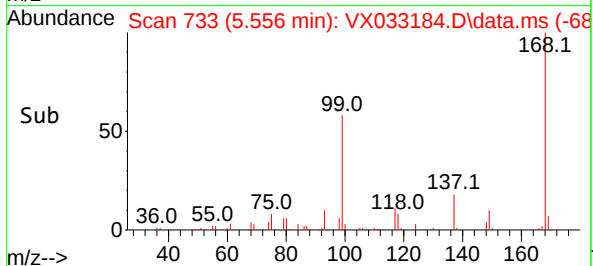
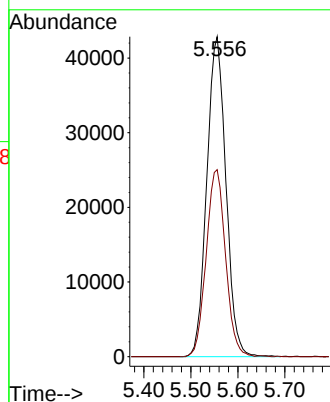
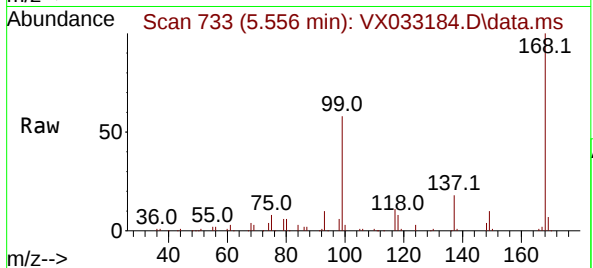




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

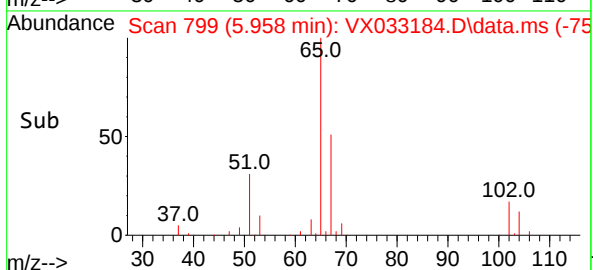
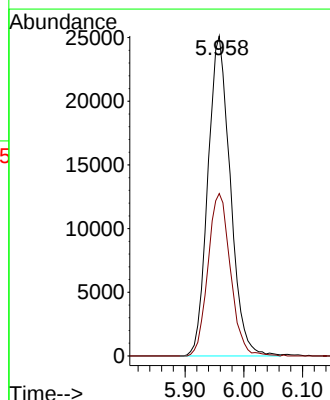
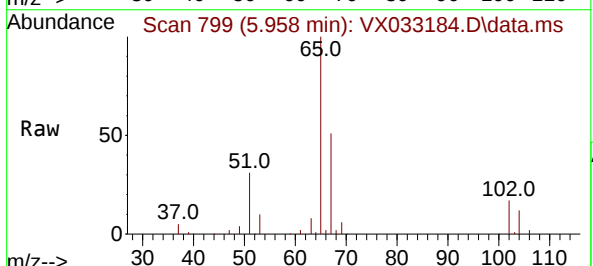
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-1

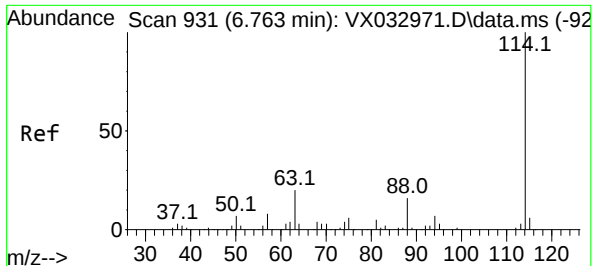
Tgt Ion:168 Resp: 120910
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 56.763 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

Tgt Ion: 65 Resp: 66563
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

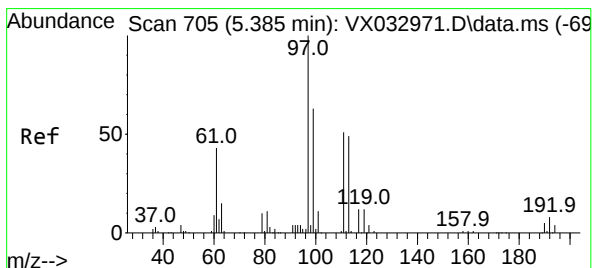
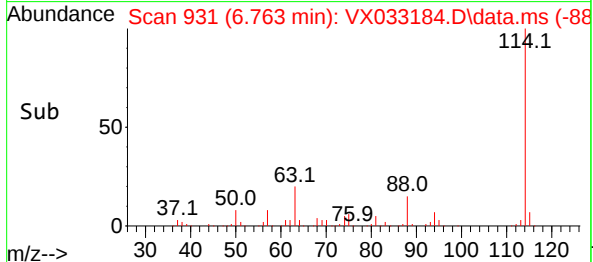
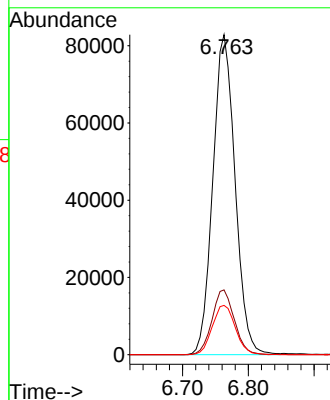
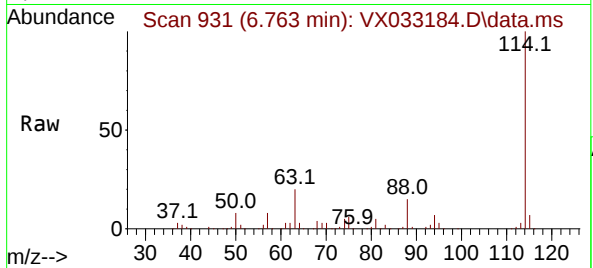




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

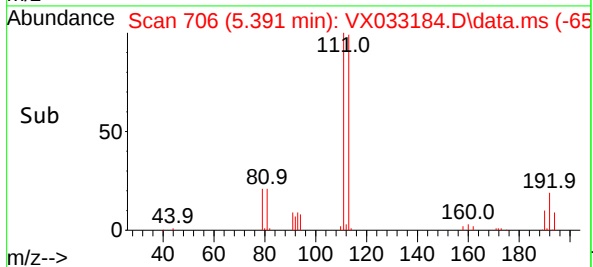
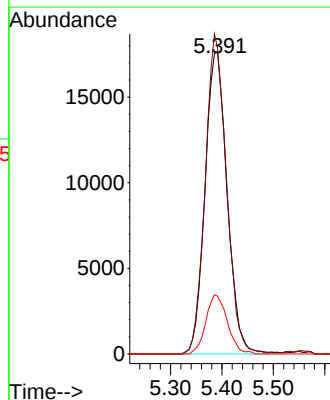
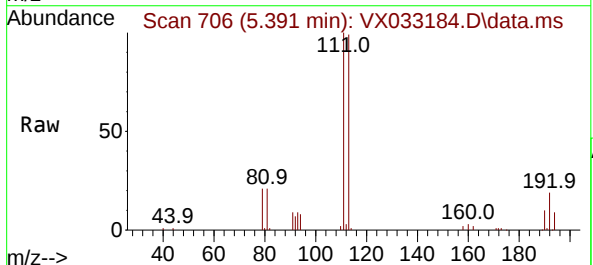
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-1

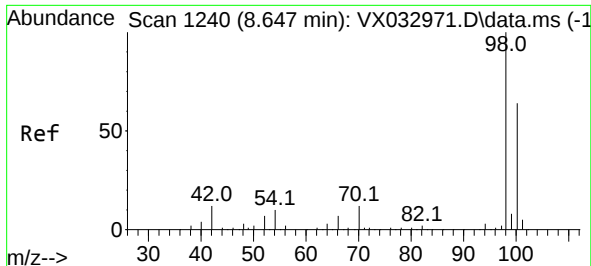
Tgt Ion:114 Resp: 195123
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.961 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

Tgt Ion:113 Resp: 52759
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.9 15.4 23.2





#50

Toluene-d8

Concen: 51.773 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033184.D

Acq: 02 Dec 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

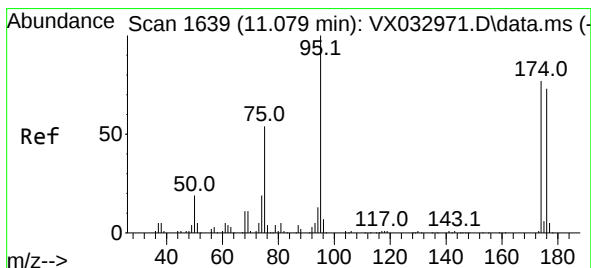
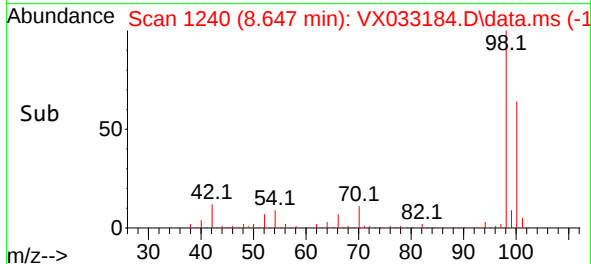
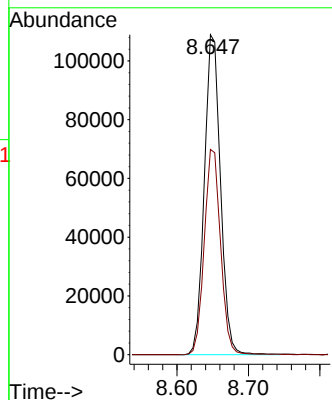
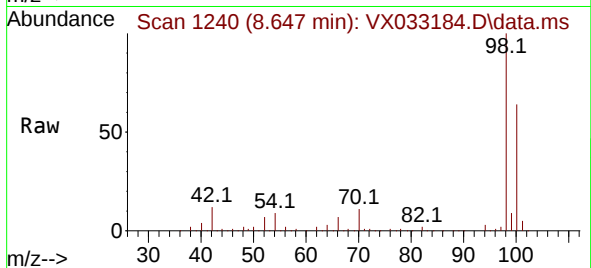
TB-2022-12-1

Tgt Ion: 98 Resp: 171105

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 43.655 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033184.D

Acq: 02 Dec 2022 14:39

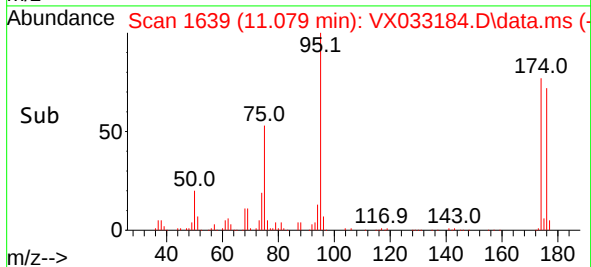
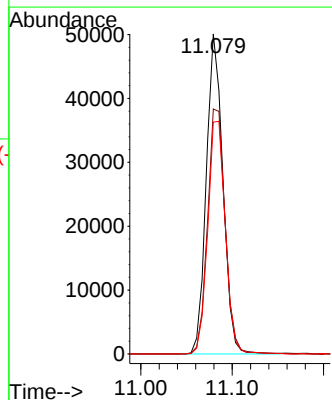
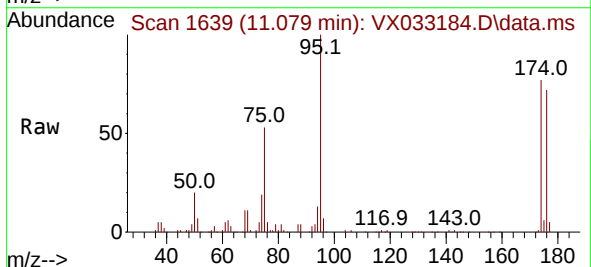
Tgt Ion: 95 Resp: 63081

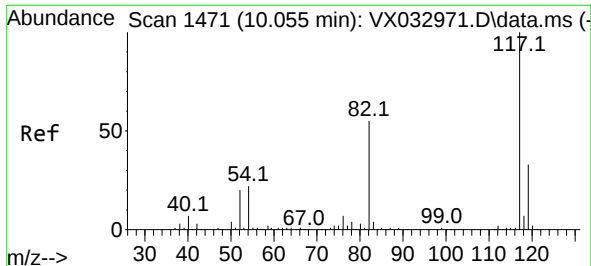
Ion Ratio Lower Upper

95 100

174 81.2 0.0 164.0

176 77.1 0.0 154.4

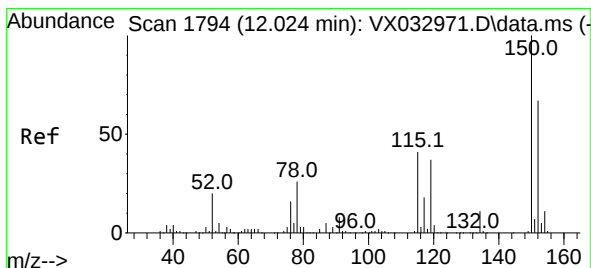
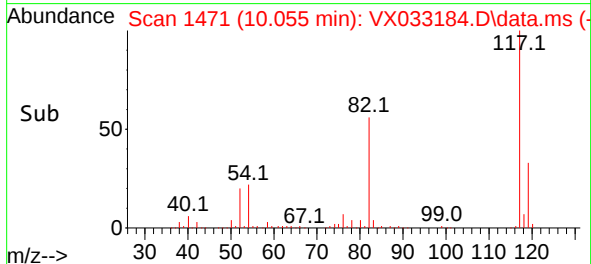
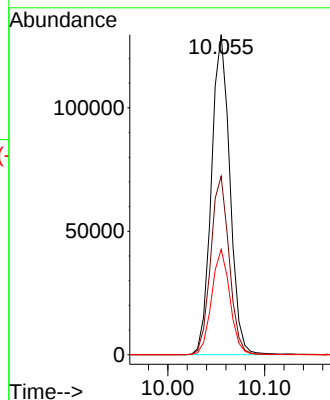
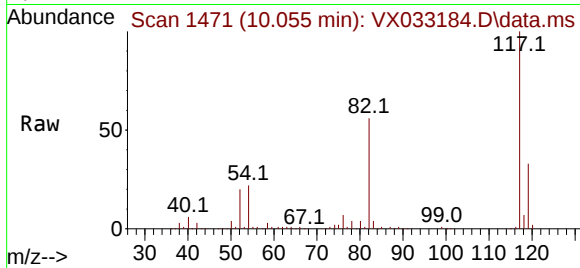




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-1

Tgt Ion:117 Resp: 172186
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

Tgt Ion:152 Resp: 77318
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 158.0 0.0 351.8

