

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038053.D
 Acq On : 04 Oct 2023 10:21
 Operator : JC/MD
 Sample : VX1004MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBL01

Quant Time: Oct 05 00:57:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85908	47.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.820%
35) Dibromofluoromethane	5.385	113	66484	46.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	8.647	98	257852	47.390	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.079	95	91422	46.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.340%

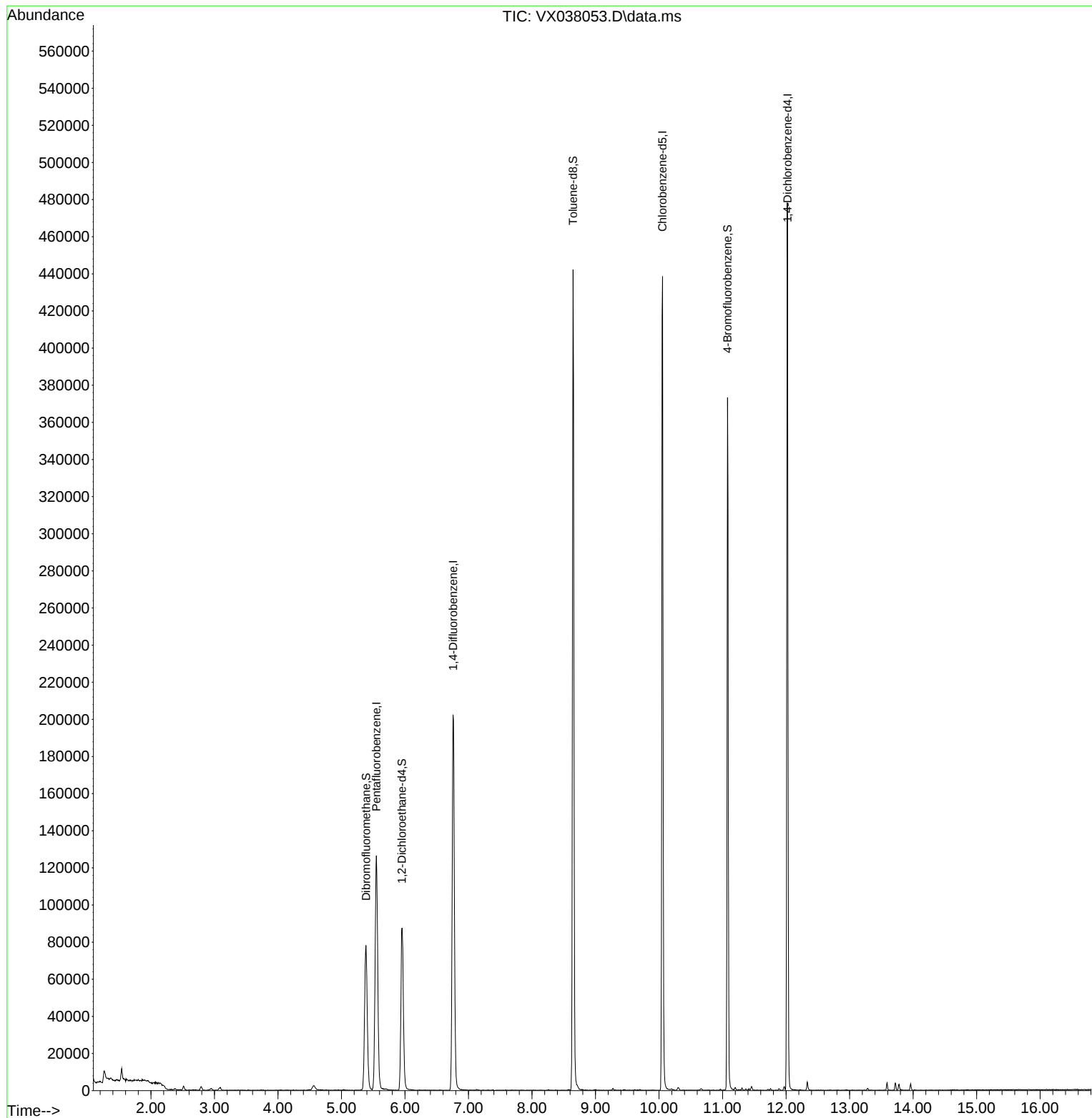
Target Compounds	Qvalue

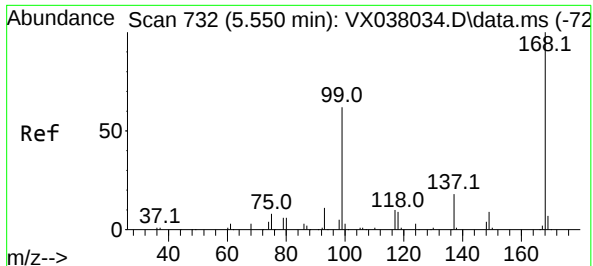
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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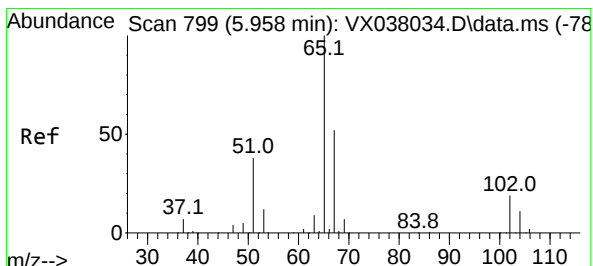
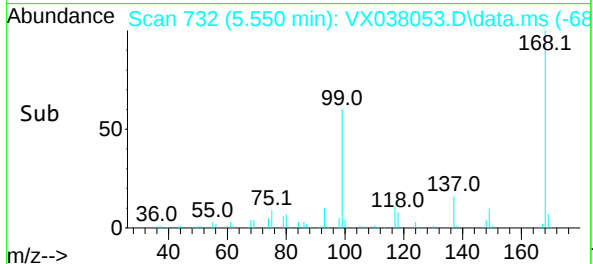
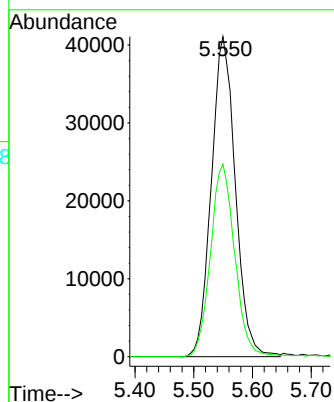
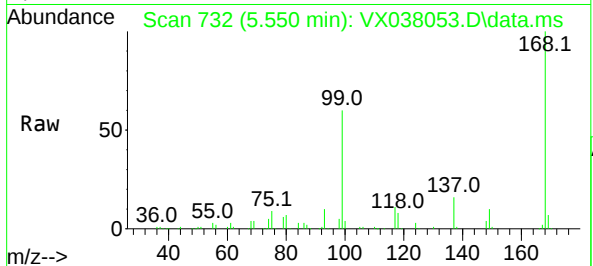




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

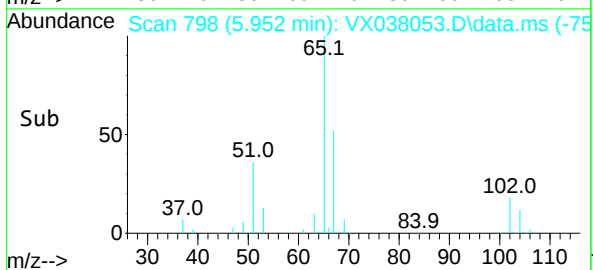
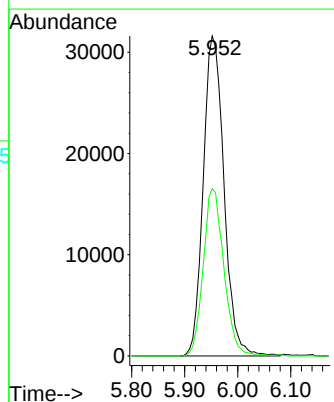
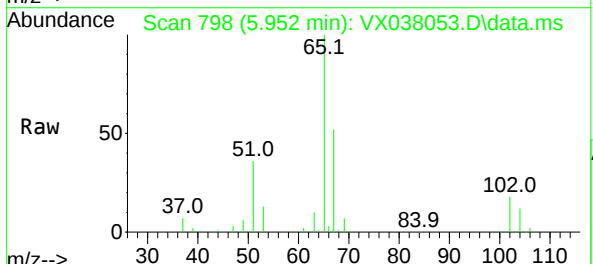
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

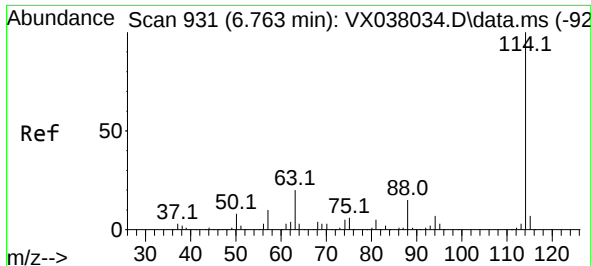
Tgt Ion:168 Resp: 116447
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.414 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Tgt Ion: 65 Resp: 85908
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX038053.D

Acq: 04 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBL01

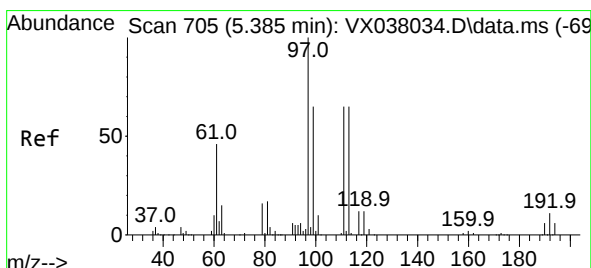
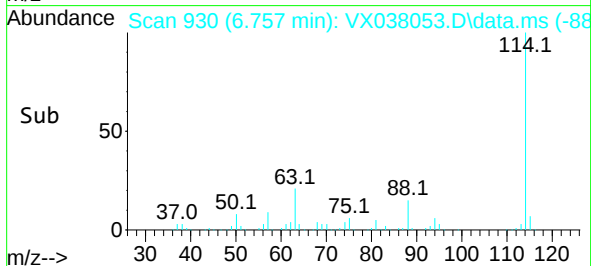
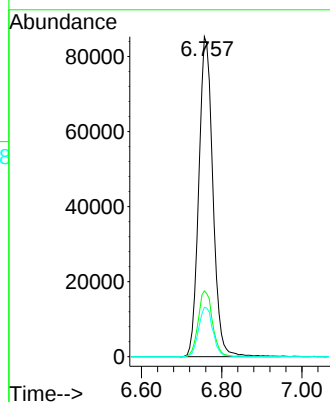
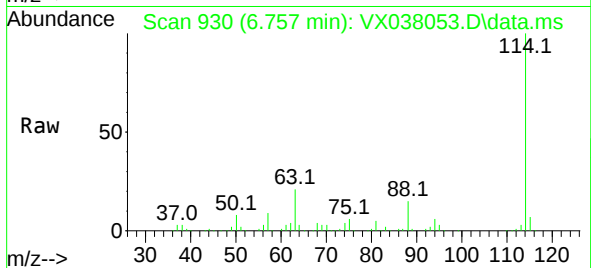
Tgt Ion:114 Resp: 207242

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 15.5 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.762 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038053.D

Acq: 04 Oct 2023 10:21

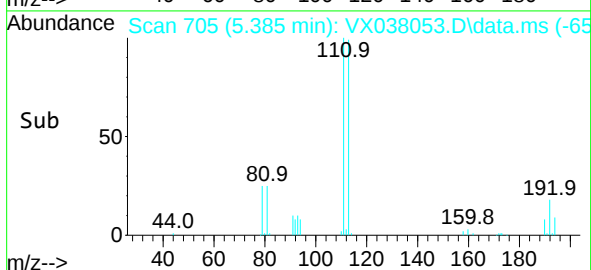
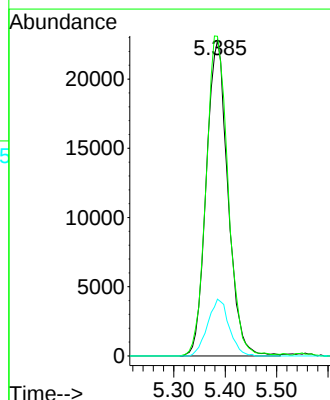
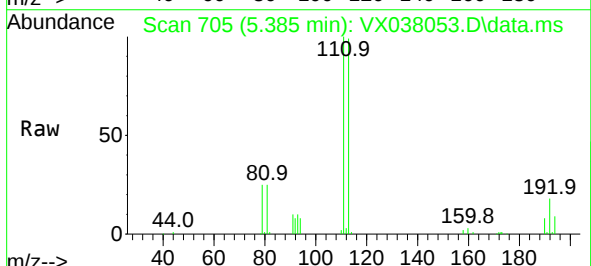
Tgt Ion:113 Resp: 66484

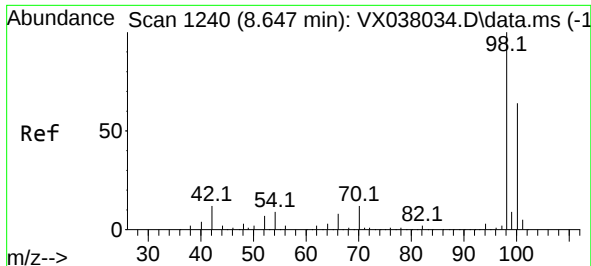
Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 17.9 13.3 19.9

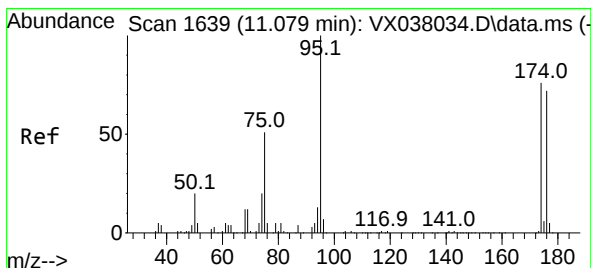
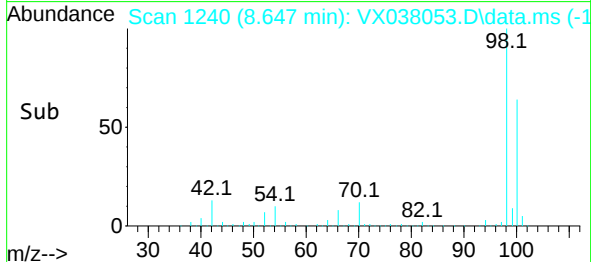
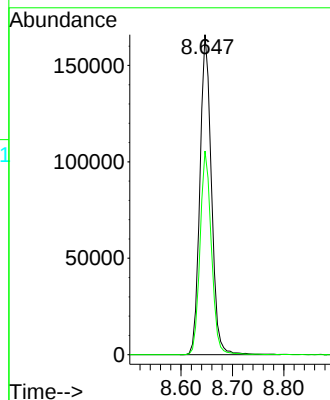
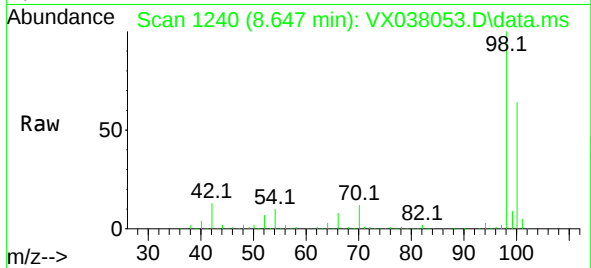




#50
Toluene-d8
Concen: 47.390 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

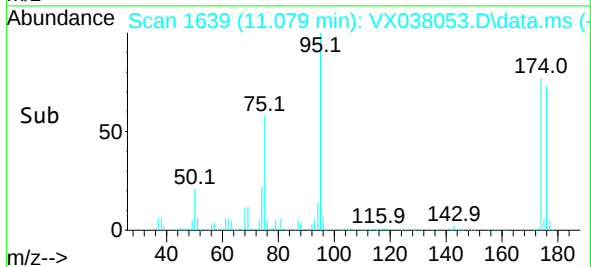
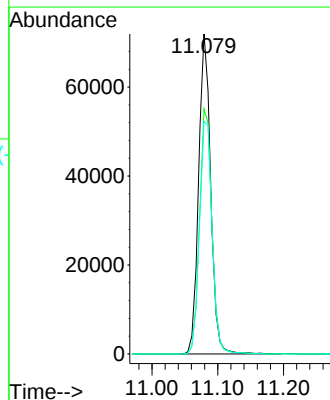
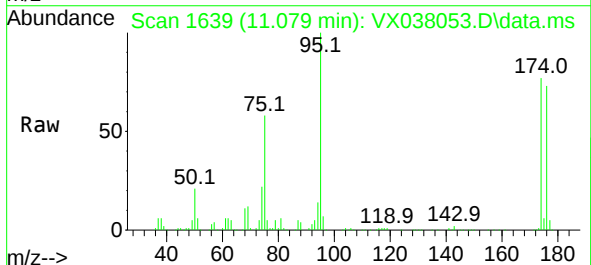
Instrument :
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VX1004MBL01

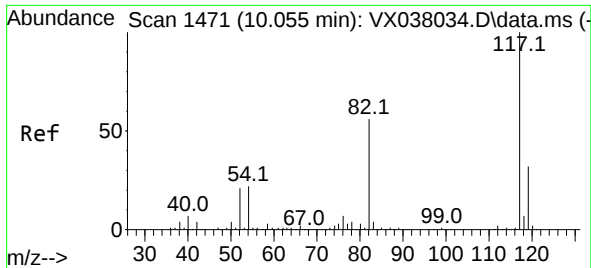
Tgt Ion: 98 Resp: 257852
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Tgt Ion: 95 Resp: 91422
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 76.7 0.0 131.0

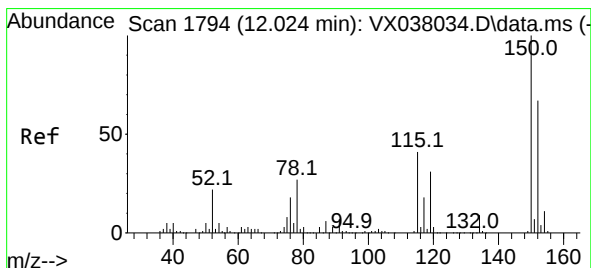
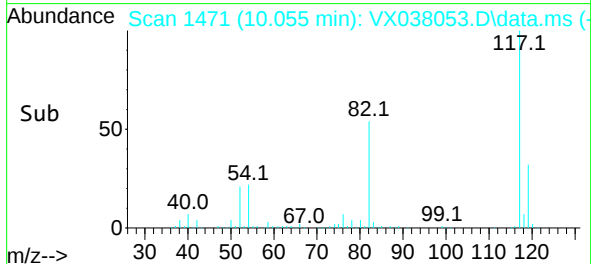
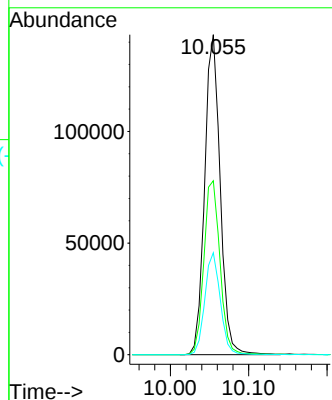
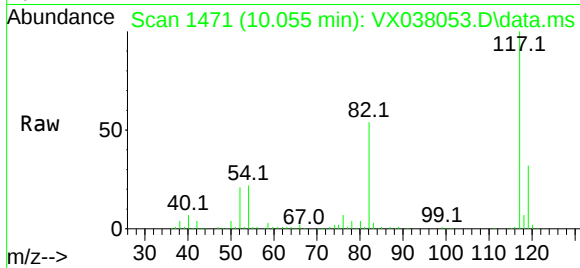




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion:117 Resp: 196936
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 31.9 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: VX038053.D
Acq: 04 Oct 2023 10:21

Tgt Ion:152 Resp: 96168
Ion Ratio Lower Upper
152 100
115 60.0 43.3 129.9
150 153.9 0.0 345.0

