

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032851.D
 Acq On : 16 Nov 2022 07:20
 Operator : JC/MD
 Sample : N5640-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Nov 16 08:08:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71821	51.078	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.160%	
35) Dibromofluoromethane	5.385	113	57077	46.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.520%	
50) Toluene-d8	8.647	98	211489	49.828	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.660%	
62) 4-Bromofluorobenzene	11.079	95	81878	49.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.780%	

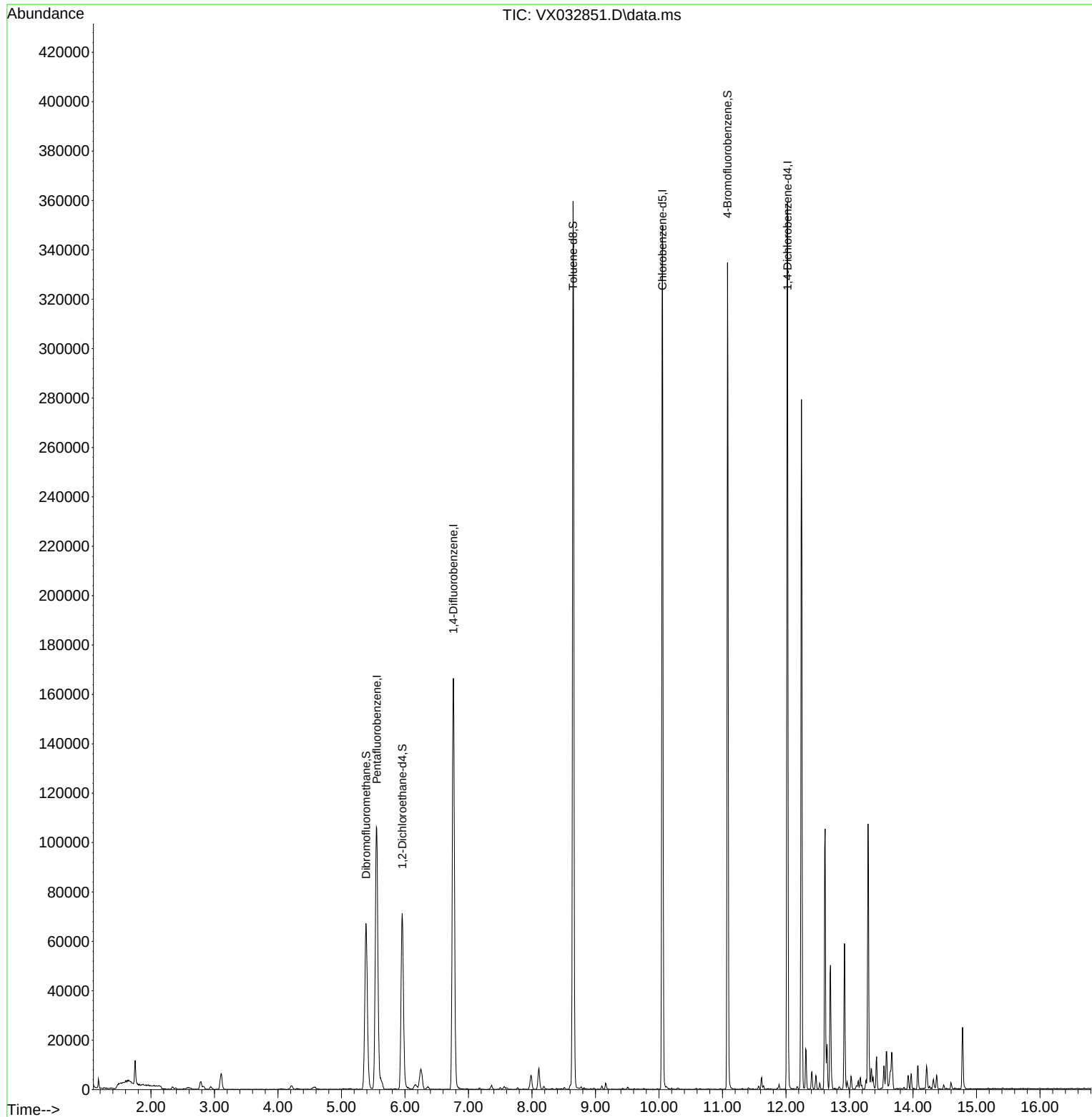
Target Compounds Qvalue

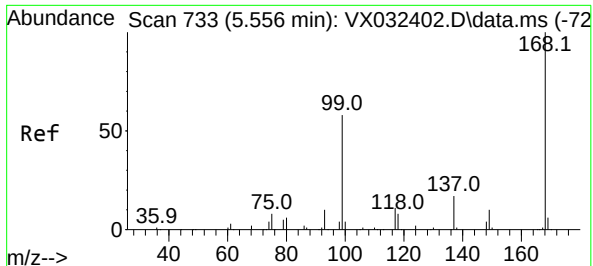
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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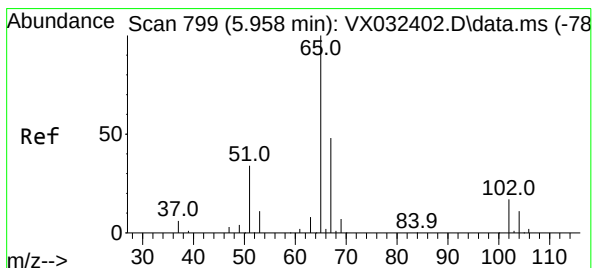
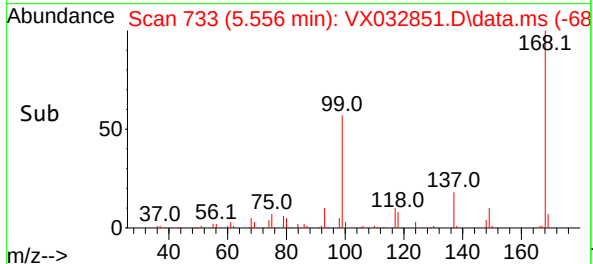
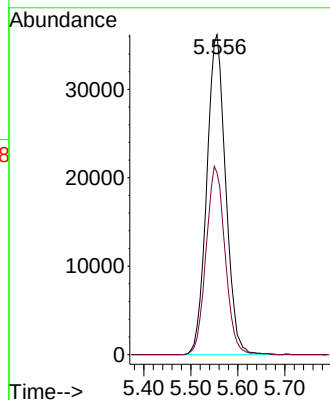
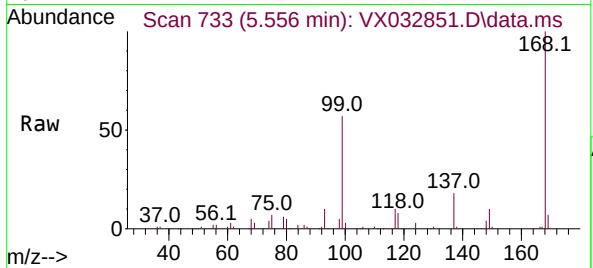




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032851.D
Acq: 16 Nov 2022 07:20

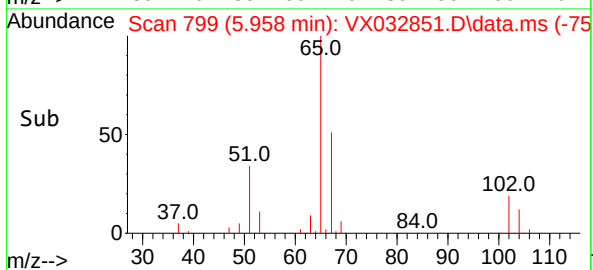
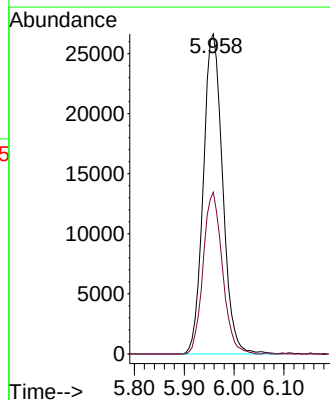
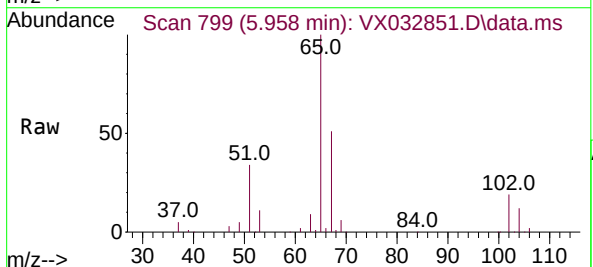
Instrument :
MSVOA_X
ClientSampleId :
MW-6

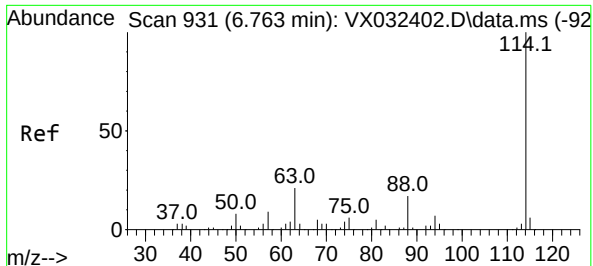
Tgt Ion:168 Resp: 101197
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 51.078 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032851.D
Acq: 16 Nov 2022 07:20

Tgt Ion: 65 Resp: 71821
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032851.D

Acq: 16 Nov 2022 07:20

Instrument :

MSVOA_X

ClientSampleId :

MW-6

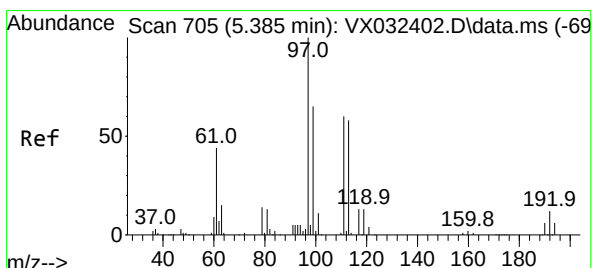
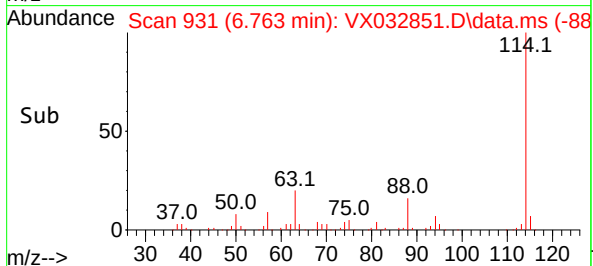
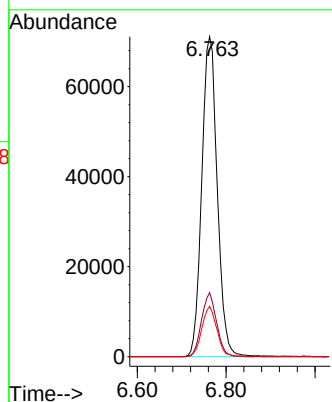
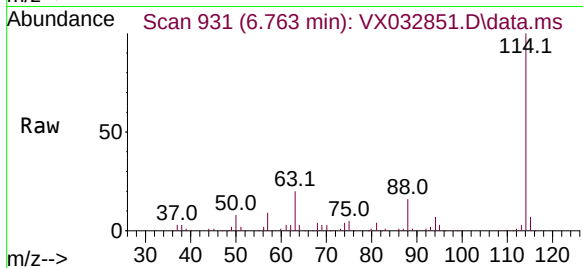
Tgt Ion:114 Resp: 171121

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 15.7 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.761 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032851.D

Acq: 16 Nov 2022 07:20

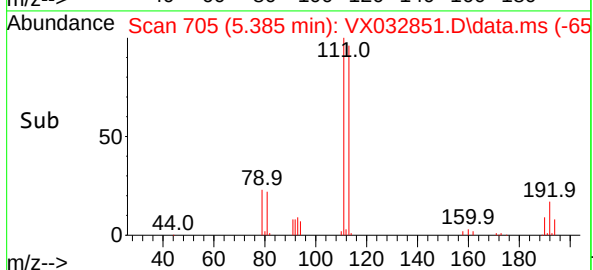
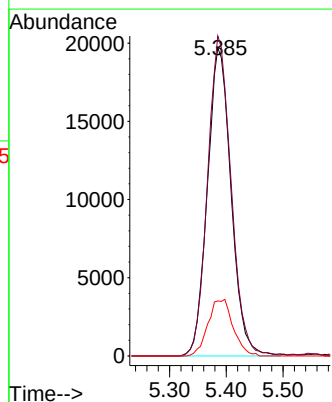
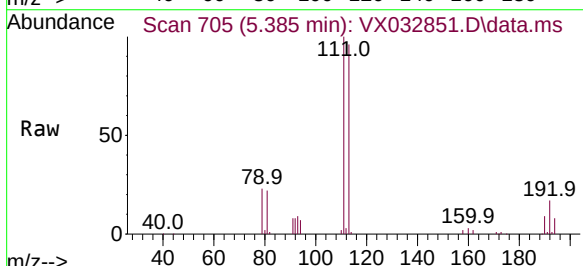
Tgt Ion:113 Resp: 57077

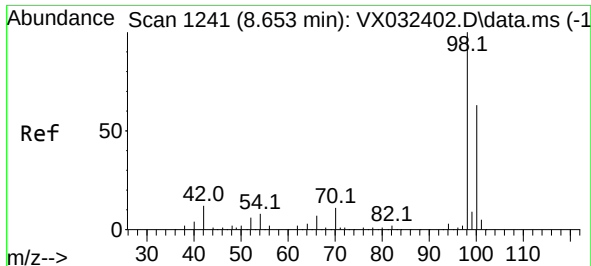
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 19.4 15.4 23.2





#50

Toluene-d8

Concen: 49.828 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032851.D

Acq: 16 Nov 2022 07:20

Instrument :

MSVOA_X

ClientSampleId :

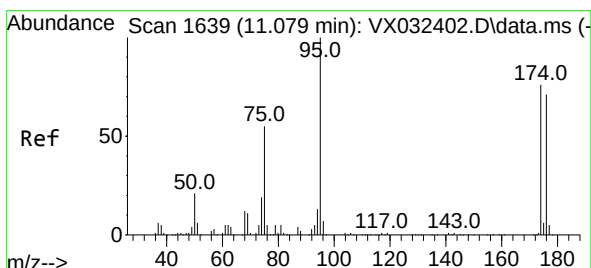
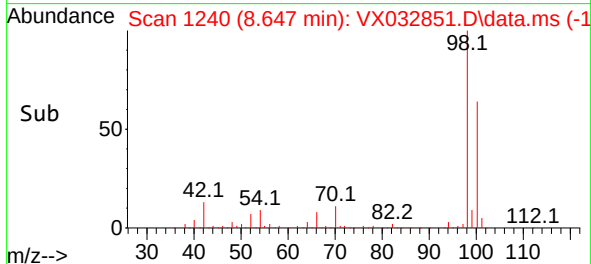
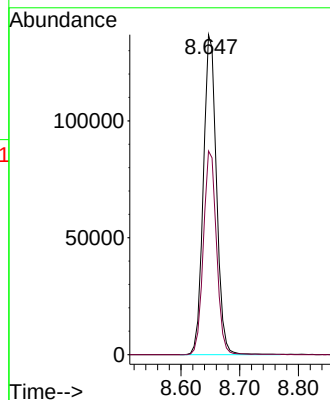
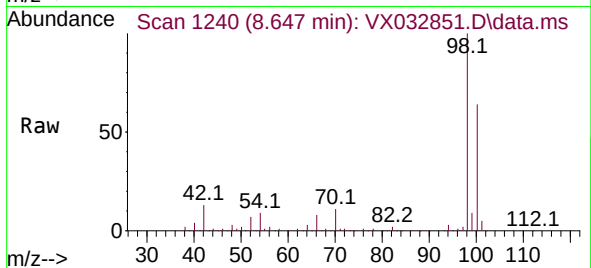
MW-6

Tgt Ion: 98 Resp: 211489

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.385 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032851.D

Acq: 16 Nov 2022 07:20

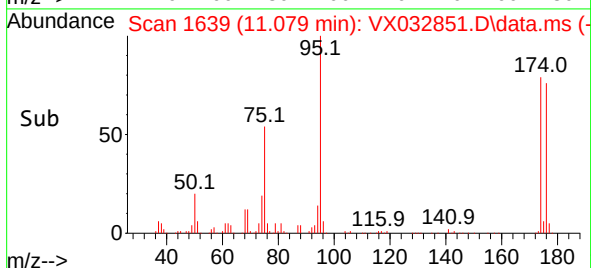
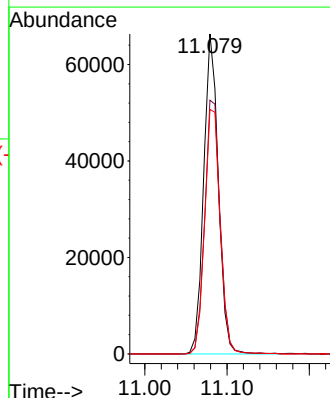
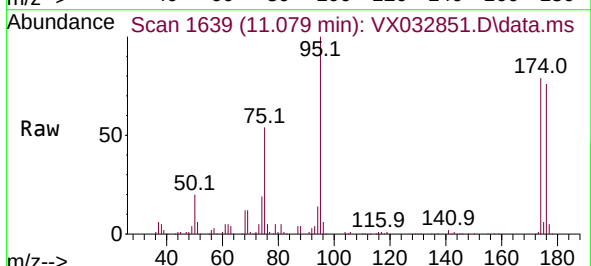
Tgt Ion: 95 Resp: 81878

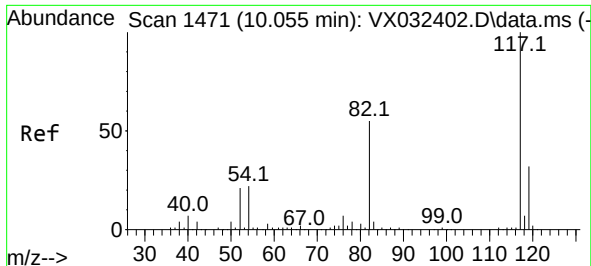
Ion Ratio Lower Upper

95 100

174 84.0 0.0 164.0

176 81.1 0.0 154.4

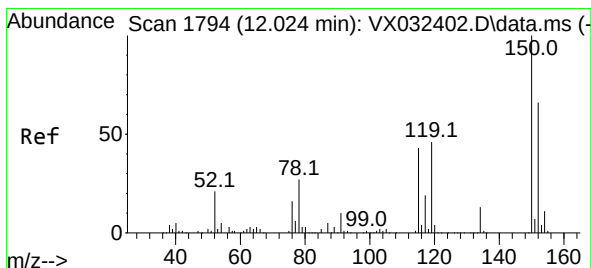
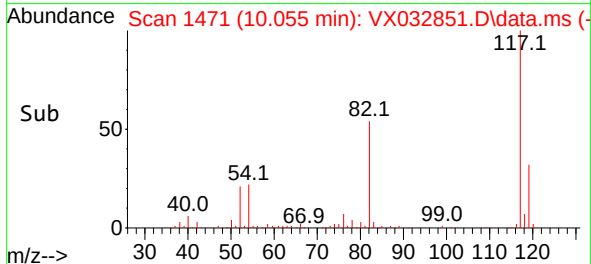
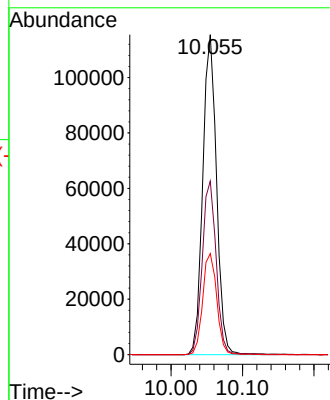
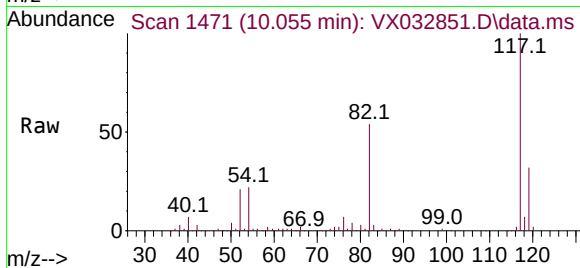




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032851.D
Acq: 16 Nov 2022 07:20

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tgt Ion:117 Resp: 153985
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.6 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: VX032851.D
Acq: 16 Nov 2022 07:20

Tgt Ion:152 Resp: 74693
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 156.7 0.0 351.8

