

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031550.D
 Acq On : 22 Sep 2022 05:19
 Operator : JC/MD
 Sample : N4642-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4R

Quant Time: Sep 22 09:21:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

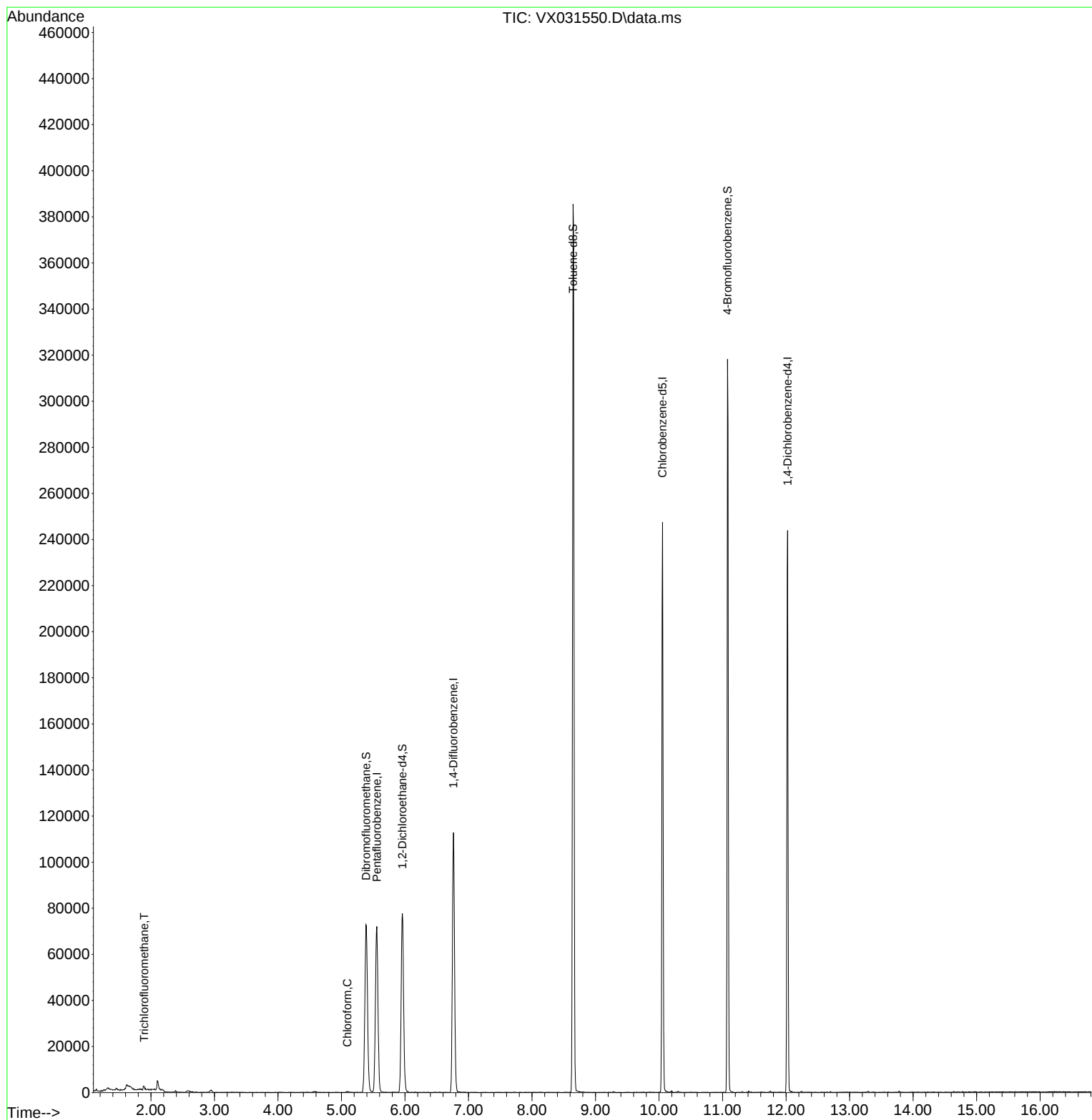
Internal Standards						
1) Pentafluorobenzene	5.556	168	69882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68771	53.639	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.280%
35) Dibromofluoromethane	5.385	113	59194	49.366	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	8.647	98	227131	49.151	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	69895	44.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.300%
Target Compounds						
7) Trichlorofluoromethane	1.892	101	910	0.264	ug/l	Qvalue 96
30) Chloroform	5.093	83	567	0.238	ug/l #	80

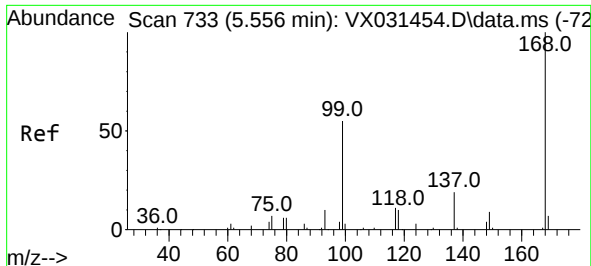
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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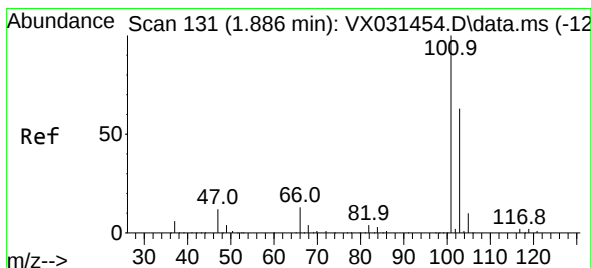
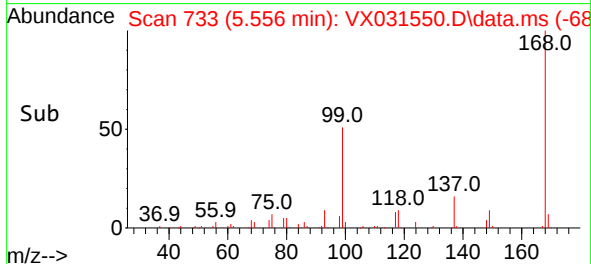
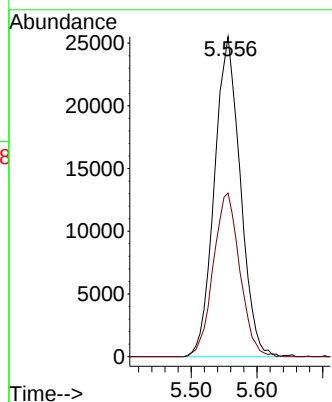
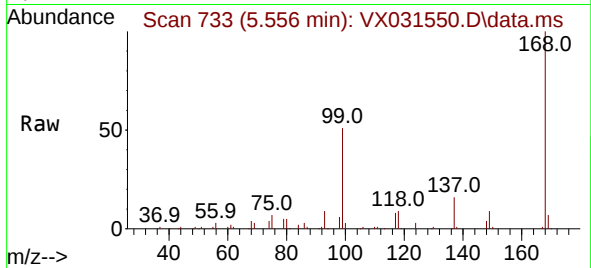




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031550.D
Acq: 22 Sep 2022 05:19

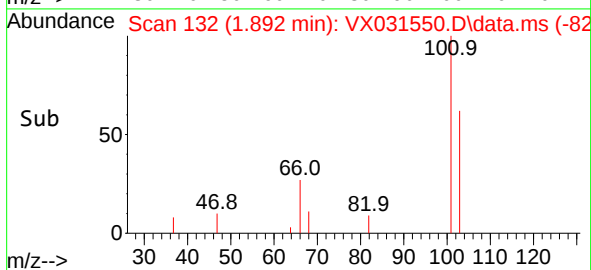
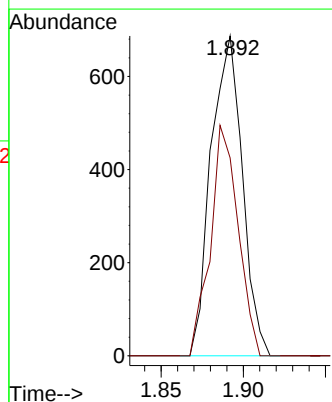
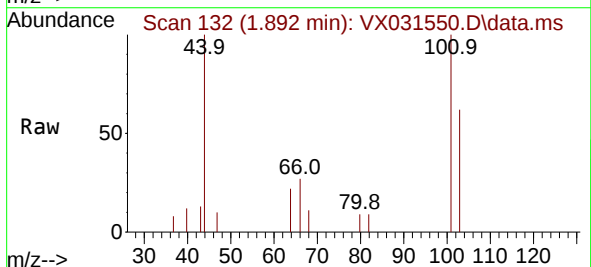
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

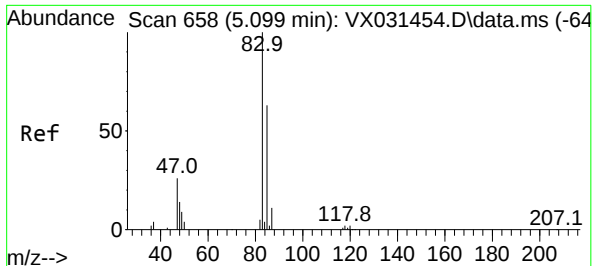
Tgt Ion:168 Resp: 69882
Ion Ratio Lower Upper
168 100
99 51.2 48.8 73.2



#7
Trichlorofluoromethane
Concen: 0.264 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX031550.D
Acq: 22 Sep 2022 05:19

Tgt Ion:101 Resp: 910
Ion Ratio Lower Upper
101 100
103 61.9 51.8 77.6





#30

Chloroform

Concen: 0.238 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX031550.D

Acq: 22 Sep 2022 05:19

Instrument :

MSVOA_X

ClientSampleId :

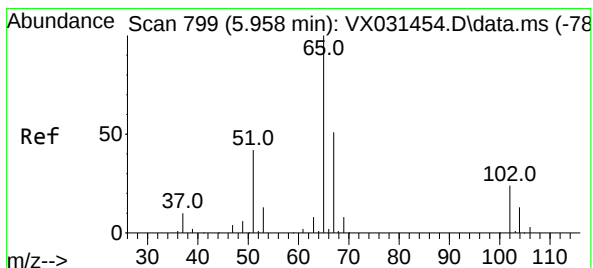
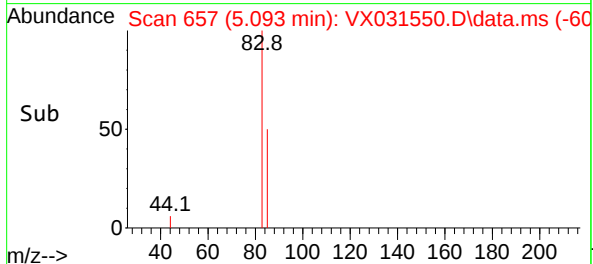
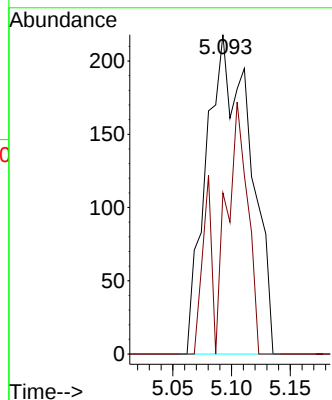
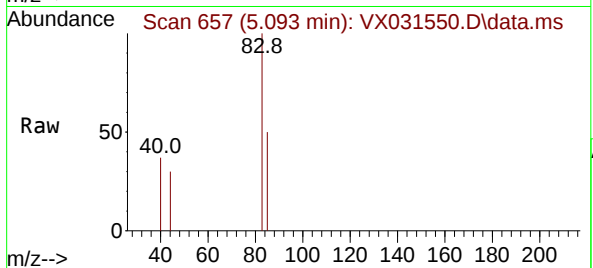
MW-4R

Tgt Ion: 83 Resp: 567

Ion Ratio Lower Upper

83 100

85 50.5 52.8 79.2#



#33

1,2-Dichloroethane-d4

Concen: 53.639 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031550.D

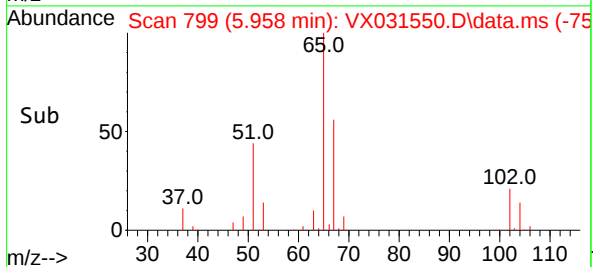
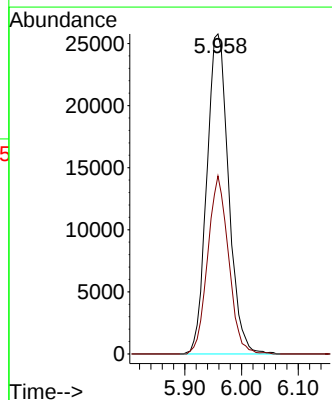
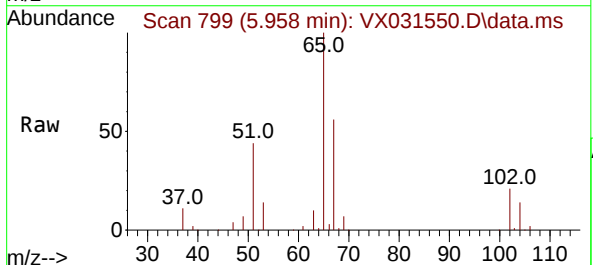
Acq: 22 Sep 2022 05:19

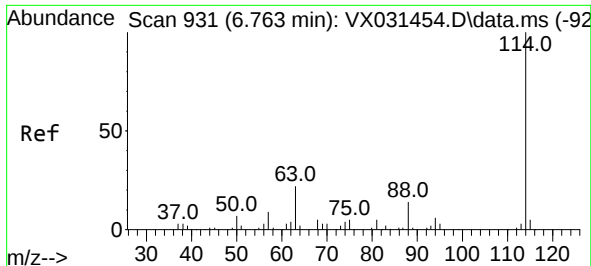
Tgt Ion: 65 Resp: 68771

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX031550.D

Acq: 22 Sep 2022 05:19

Instrument :

MSVOA_X

ClientSampleId :

MW-4R

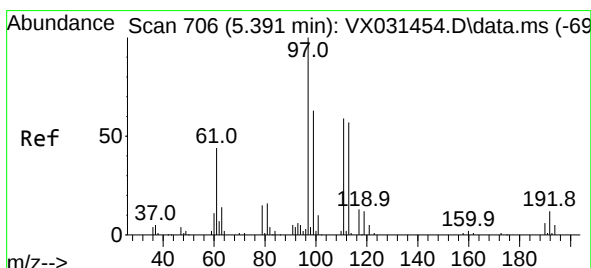
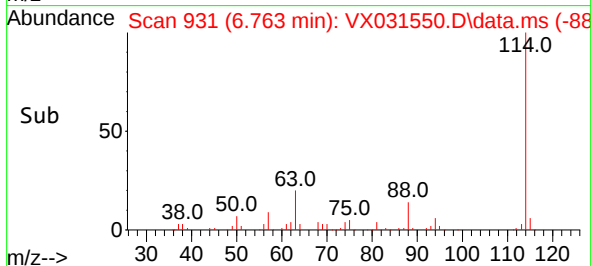
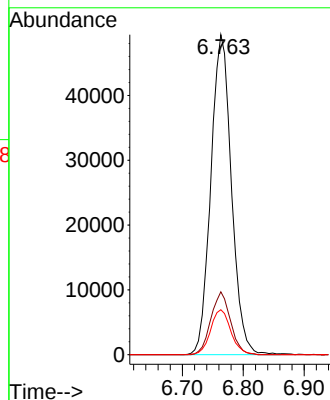
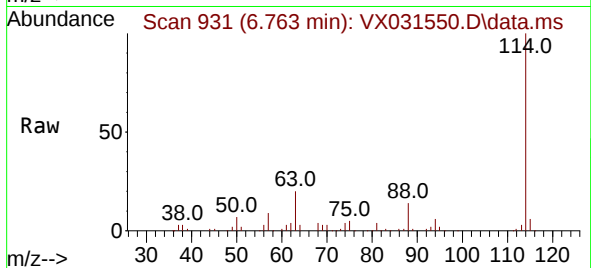
Tgt Ion:114 Resp: 115988

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 14.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 49.366 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031550.D

Acq: 22 Sep 2022 05:19

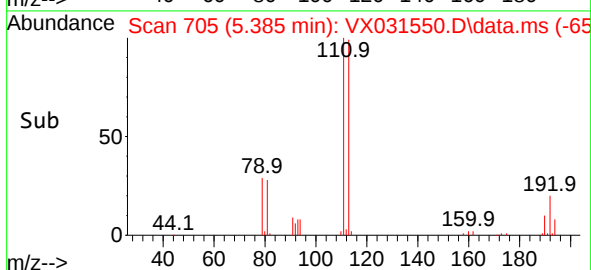
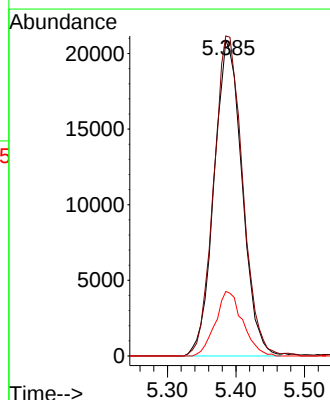
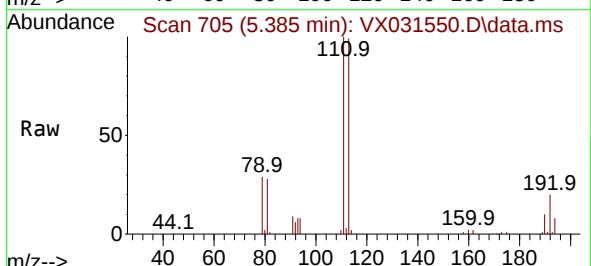
Tgt Ion:113 Resp: 59194

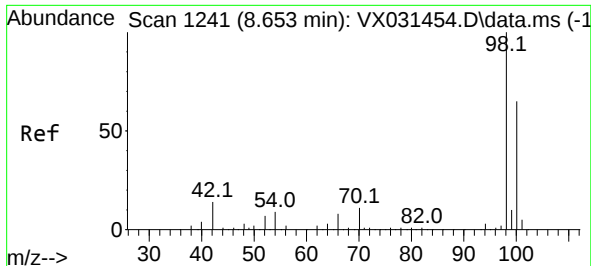
Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

192 19.9 14.1 21.1





#50

Toluene-d8

Concen: 49.151 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX031550.D

Acq: 22 Sep 2022 05:19

Instrument :

MSVOA_X

ClientSampleId :

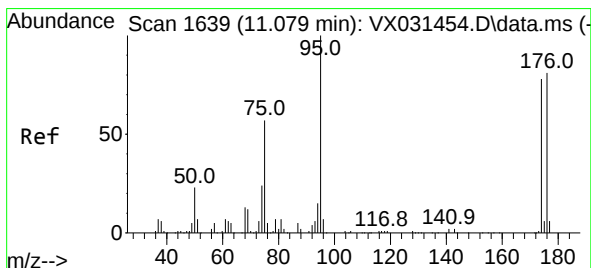
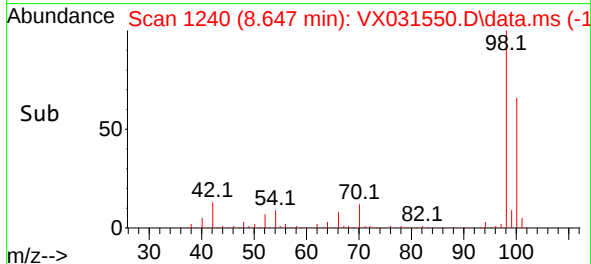
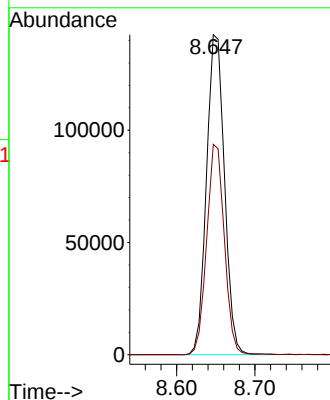
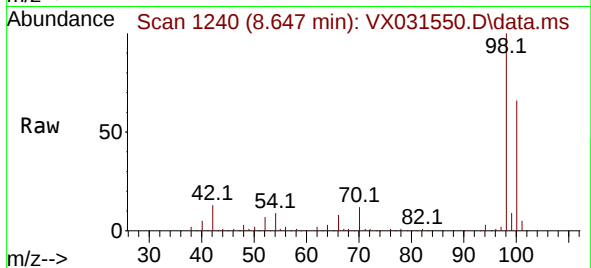
MW-4R

Tgt Ion: 98 Resp: 227131

Ion Ratio Lower Upper

98 100

100 64.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.653 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031550.D

Acq: 22 Sep 2022 05:19

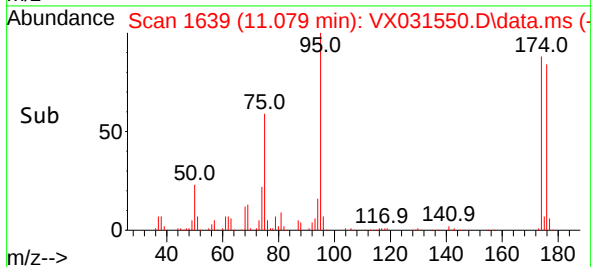
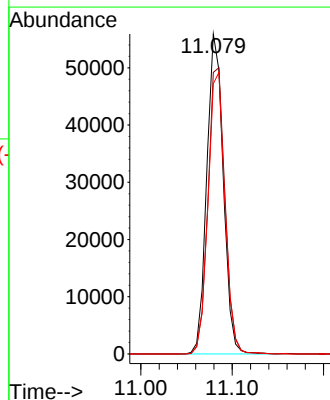
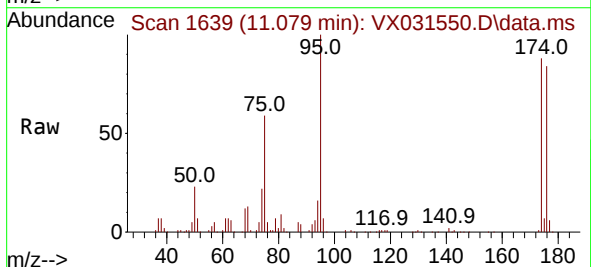
Tgt Ion: 95 Resp: 69895

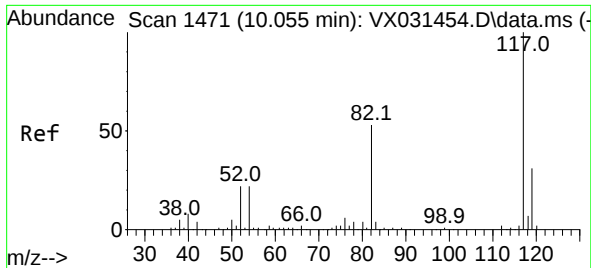
Ion Ratio Lower Upper

95 100

174 92.6 0.0 153.2

176 90.0 0.0 144.0

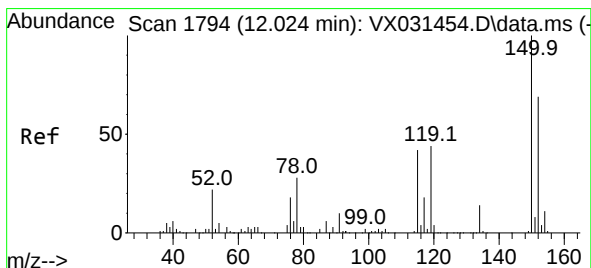
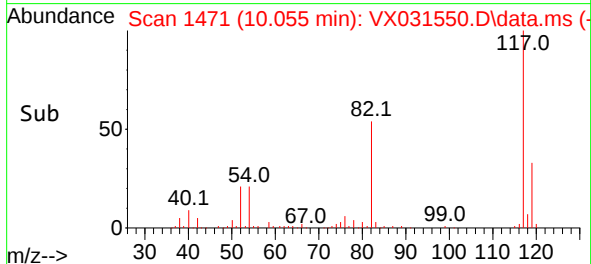
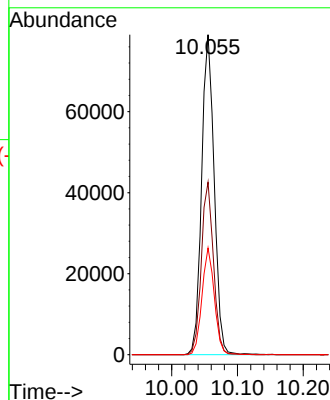
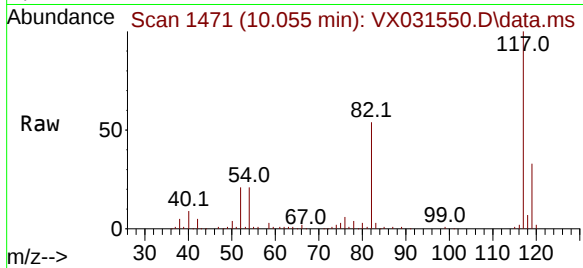




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031550.D
Acq: 22 Sep 2022 05:19

Instrument :
MSVOA_X
ClientSampleId :
MW-4R

Tgt Ion:117 Resp: 104936
Ion Ratio Lower Upper
117 100
82 53.9 46.8 70.2
119 33.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031550.D
Acq: 22 Sep 2022 05:19

Tgt Ion:152 Resp: 49371
Ion Ratio Lower Upper
152 100
115 56.8 43.4 130.1
150 156.2 0.0 346.8

