

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031496.D
 Acq On : 20 Sep 2022 15:23
 Operator : JC/MD
 Sample : N4608-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-2

Quant Time: Sep 20 17:19:33 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)

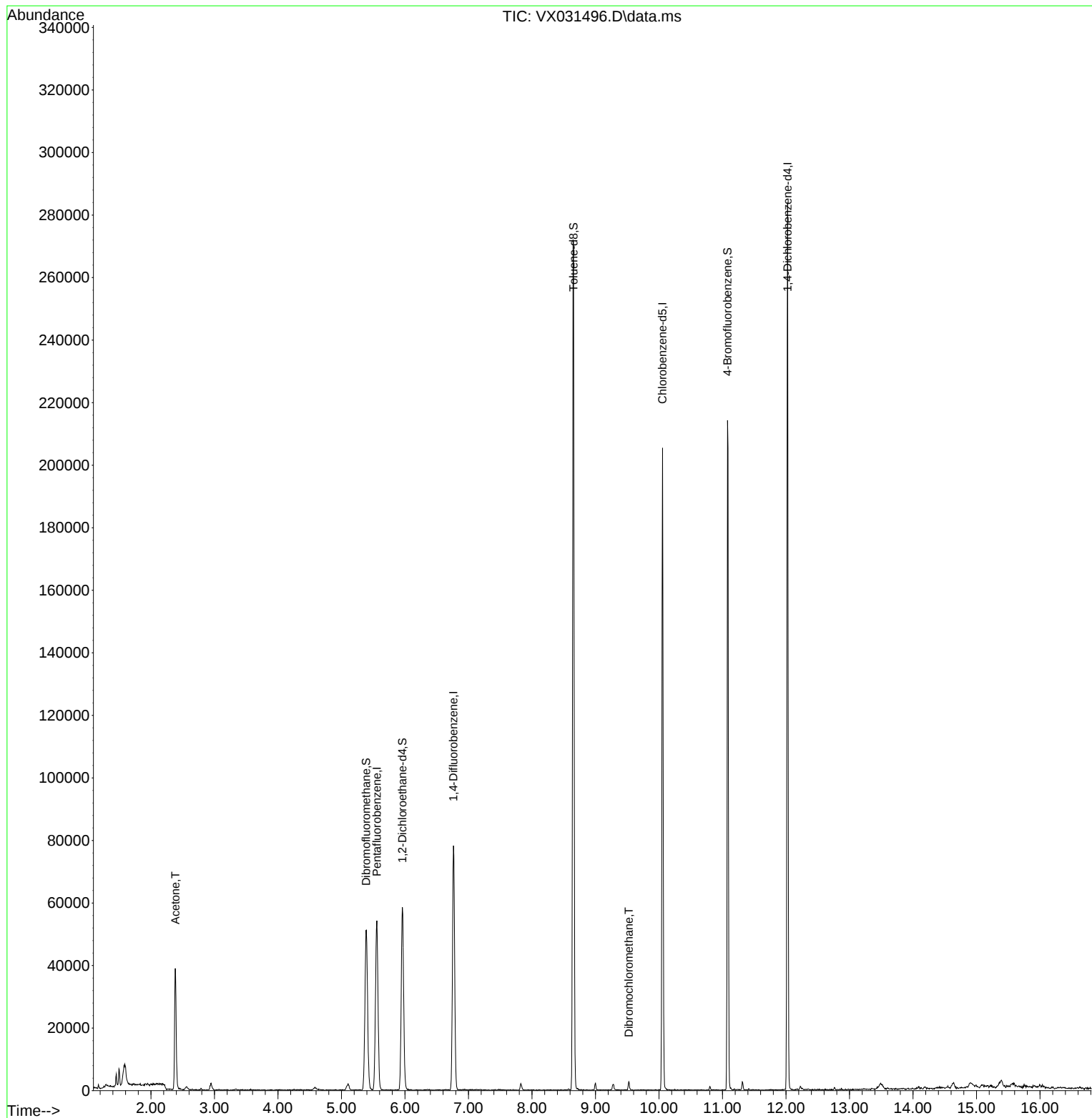
Internal Standards						
1) Pentafluorobenzene	5.556	168	51861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	81467	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	85722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51986	54.658	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.320%
35) Dibromofluoromethane	5.385	113	43239	51.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.740%
50) Toluene-d8	8.653	98	160883	49.568	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	48507	44.120	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.240%
Target Compounds						
16) Acetone	2.386	43	42818	105.960	ug/l	100
60) Dibromochloromethane	9.525	129	1041	0.944	ug/l	98

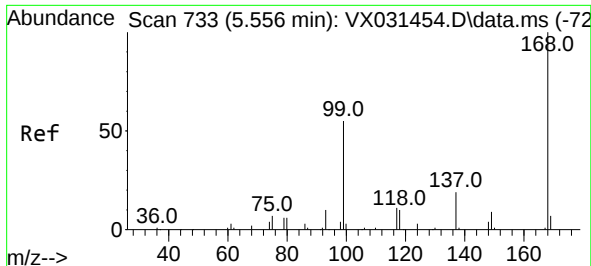
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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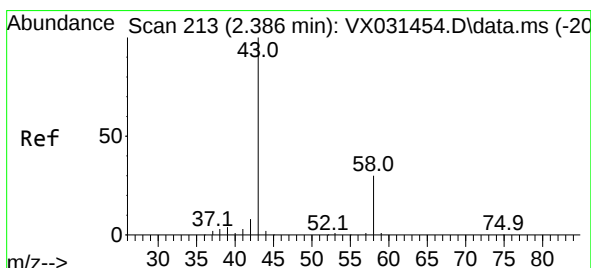
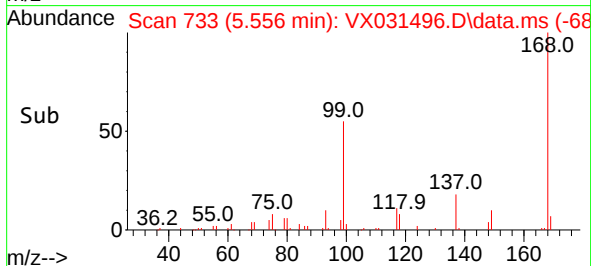
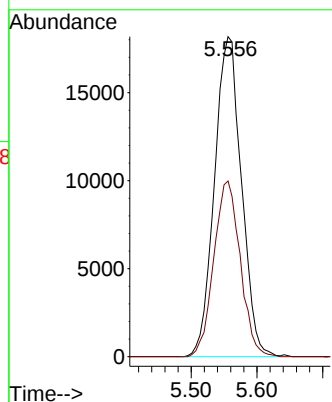
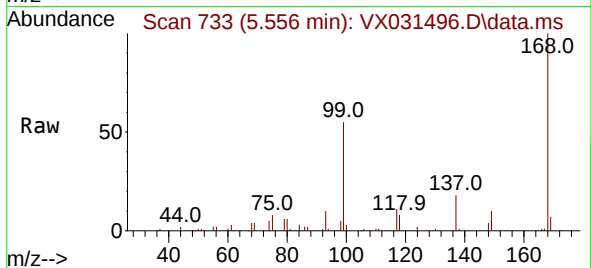




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031496.D
Acq: 20 Sep 2022 15:23

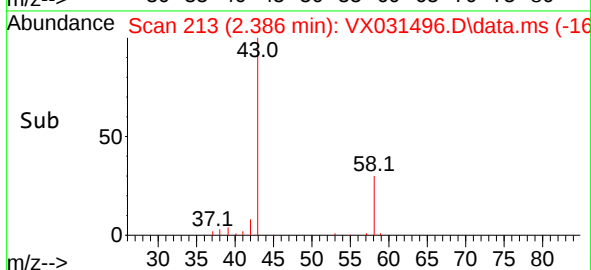
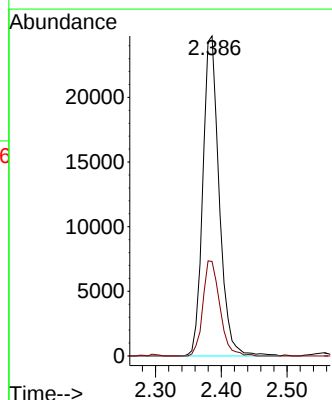
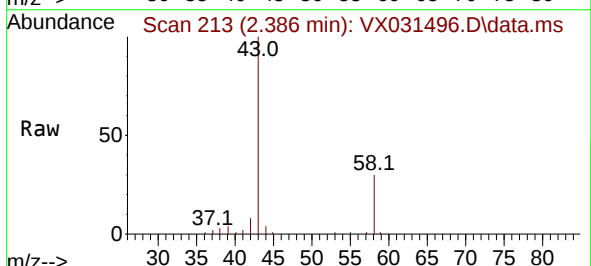
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

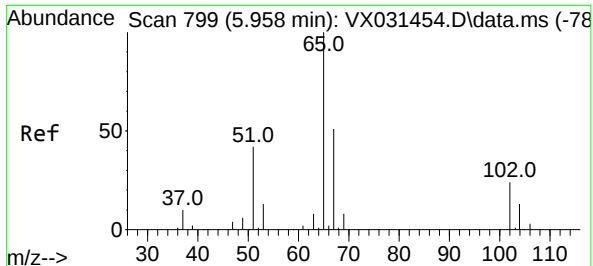
Tgt Ion:168 Resp: 51861
Ion Ratio Lower Upper
168 100
99 54.9 48.8 73.2



#16
Acetone
Concen: 105.960 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031496.D
Acq: 20 Sep 2022 15:23

Tgt Ion: 43 Resp: 42818
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8





#33

1,2-Dichloroethane-d4

Concen: 54.658 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031496.D

Acq: 20 Sep 2022 15:23

Instrument :

MSVOA_X

ClientSampleId :

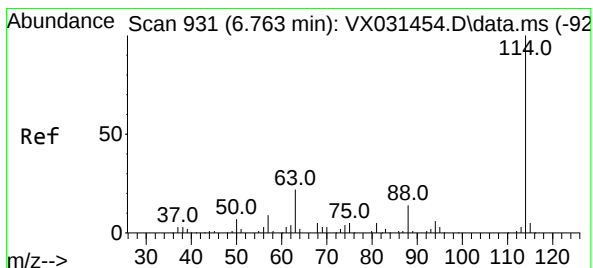
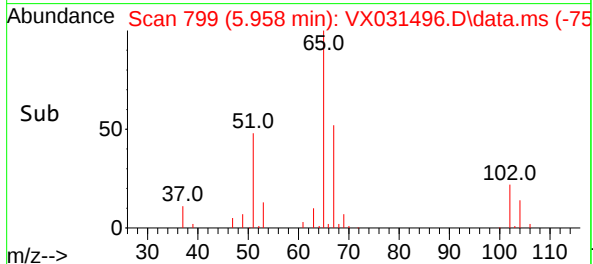
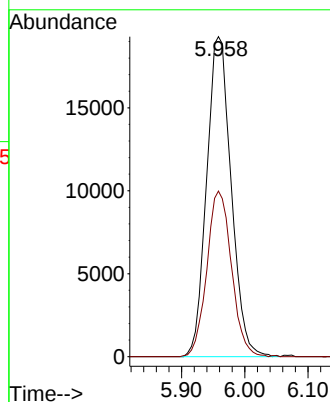
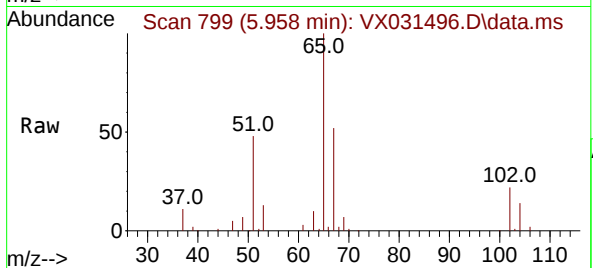
TOWER-2

Tgt Ion: 65 Resp: 51986

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031496.D

Acq: 20 Sep 2022 15:23

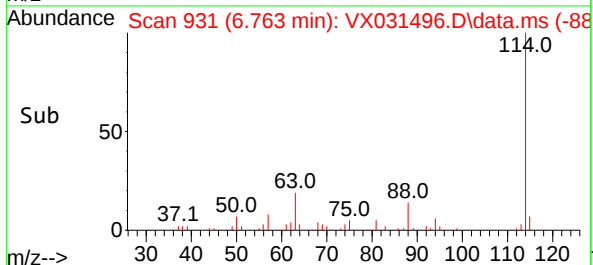
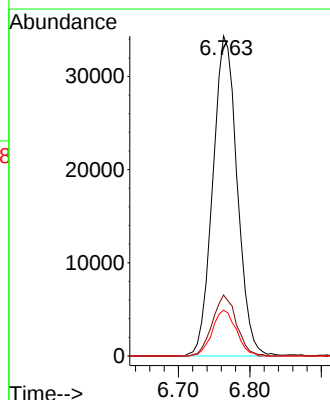
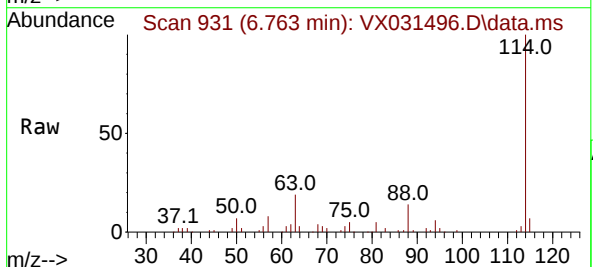
Tgt Ion: 114 Resp: 81467

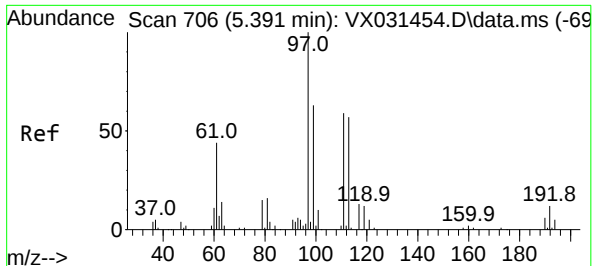
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 14.3 0.0 33.0

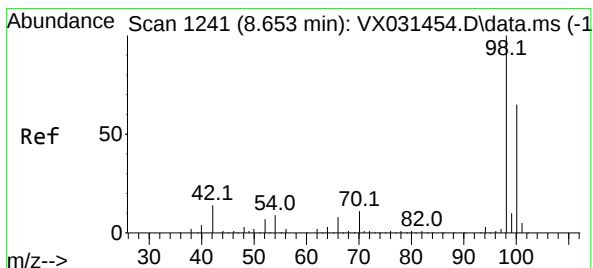
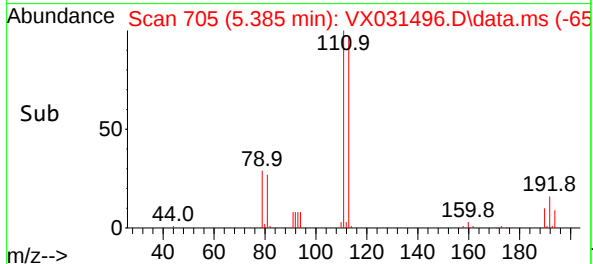
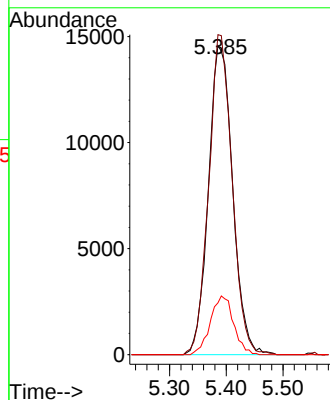
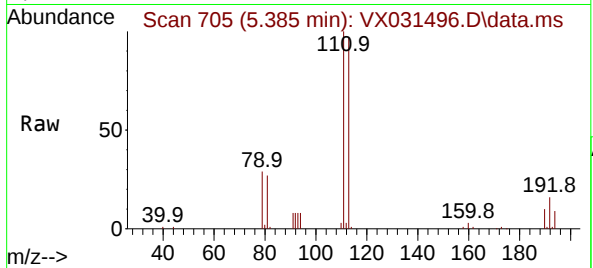




#35
Dibromofluoromethane
Concen: 51.370 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031496.D
Acq: 20 Sep 2022 15:23

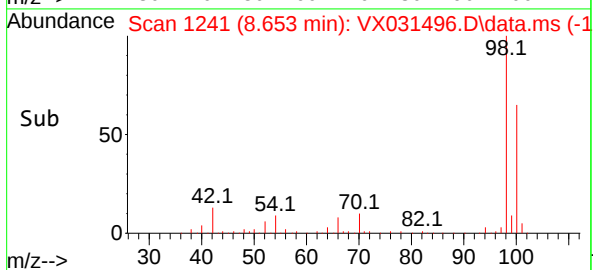
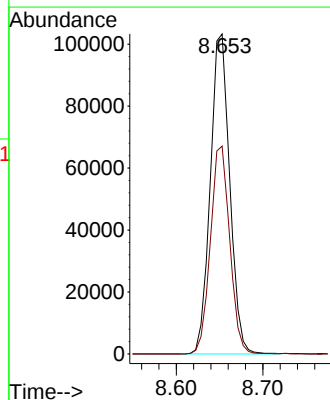
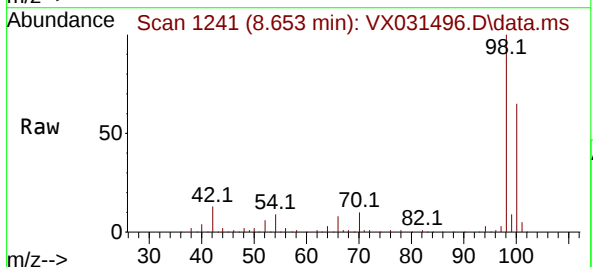
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

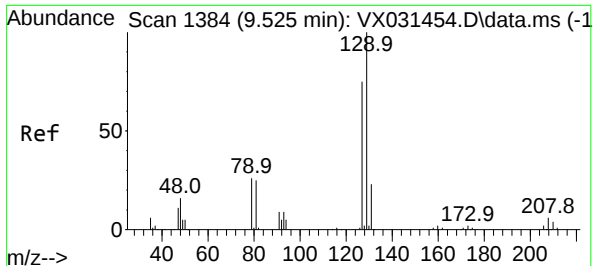
Tgt Ion:113 Resp: 43239
Ion Ratio Lower Upper
113 100
111 99.9 82.4 123.6
192 18.2 14.1 21.1



#50
Toluene-d8
Concen: 49.568 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031496.D
Acq: 20 Sep 2022 15:23

Tgt Ion: 98 Resp: 160883
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

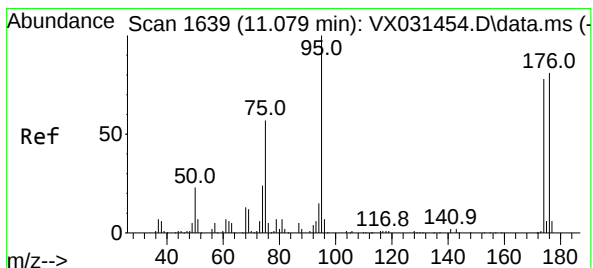
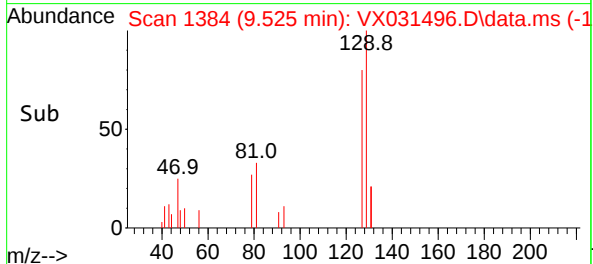
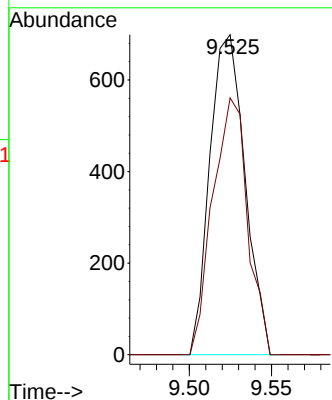
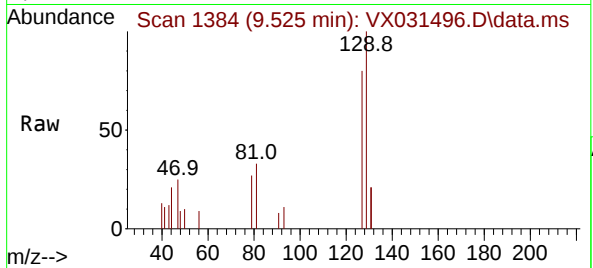




#60
Dibromochloromethane
Concen: 0.944 ug/l
RT: 9.525 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031496.D
Acq: 20 Sep 2022 15:23

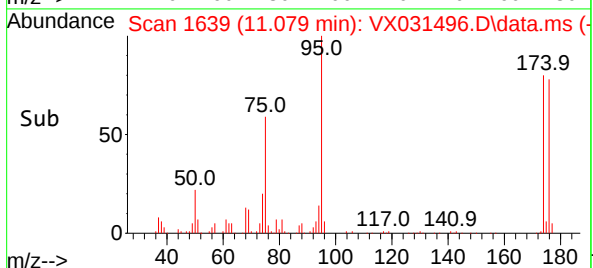
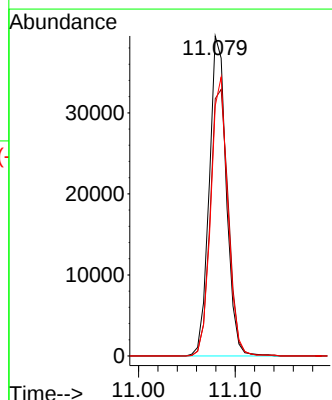
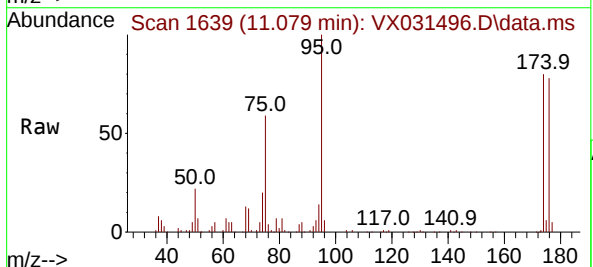
Instrument :
MSVOA_X
ClientSampleId :
TOWER-2

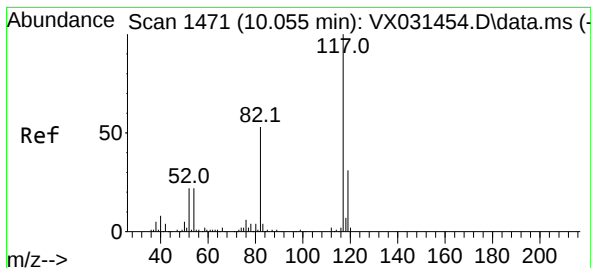
Tgt Ion:129 Resp: 1041
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1



#62
4-Bromofluorobenzene
Concen: 44.120 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031496.D
Acq: 20 Sep 2022 15:23

Tgt Ion: 95 Resp: 48507
Ion Ratio Lower Upper
95 100
174 88.8 0.0 153.2
176 87.2 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: VX031496.D

Acq: 20 Sep 2022 15:23

Instrument :

MSVOA_X

ClientSampleId :

TOWER-2

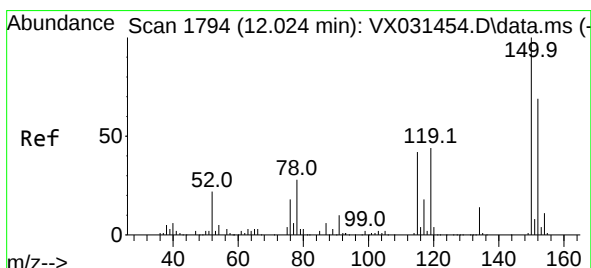
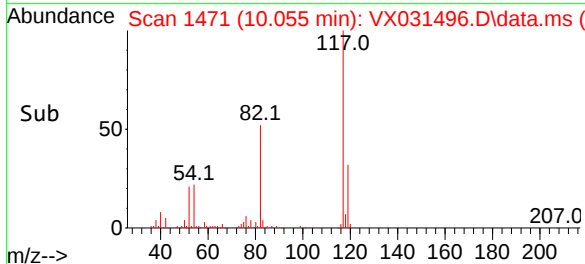
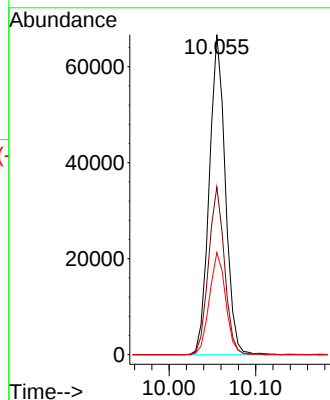
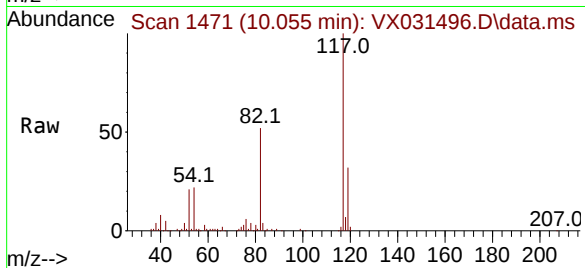
Tgt Ion:117 Resp: 85722

Ion Ratio Lower Upper

117 100

82 52.4 46.8 70.2

119 31.9 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: VX031496.D

Acq: 20 Sep 2022 15:23

Tgt Ion:152 Resp: 55205

Ion Ratio Lower Upper

152 100

115 56.1 43.4 130.1

150 154.6 0.0 346.8

