

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031495.D
 Acq On : 20 Sep 2022 15:00
 Operator : JC/MD
 Sample : N4608-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-1

Quant Time: Sep 20 17:19:23 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)

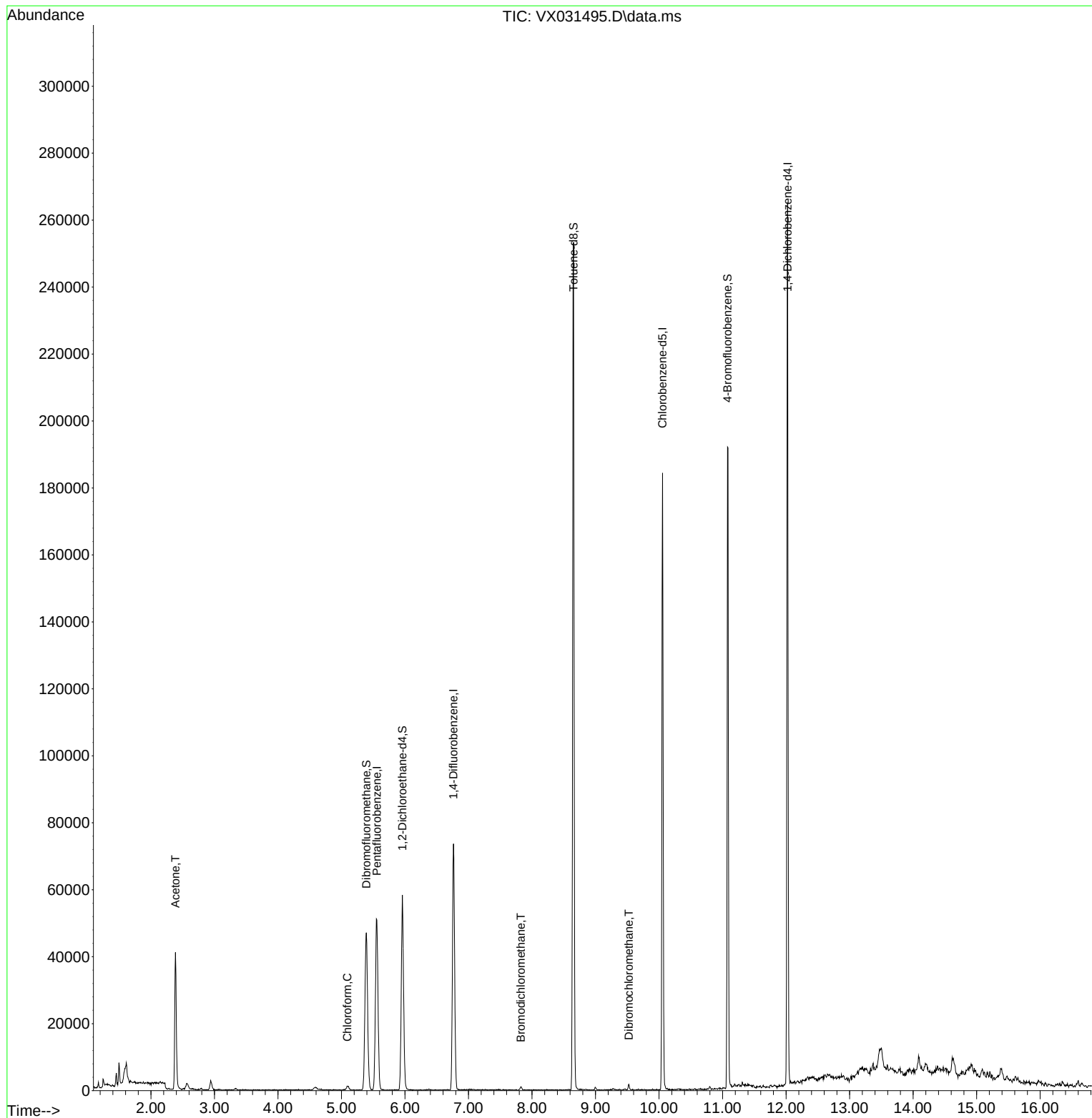
Internal Standards						
1) Pentafluorobenzene	5.556	168	49939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	75680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48396	52.805	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.600%
35) Dibromofluoromethane	5.391	113	39116	50.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.020%
50) Toluene-d8	8.653	98	147608	48.955	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.079	95	45508	44.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.120%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	43670	113.082	ug/l	93
30) Chloroform	5.093	83	1453	0.854	ug/l	88
47) Bromodichloromethane	7.824	83	682	0.522	ug/l #	97
60) Dibromochloromethane	9.525	129	710	0.693	ug/l	93

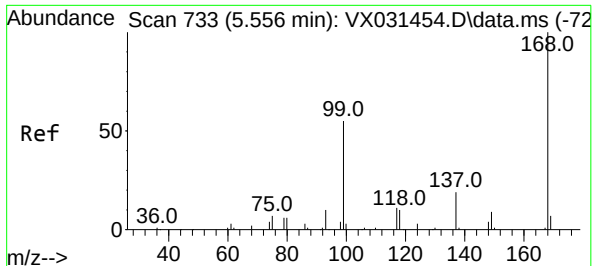
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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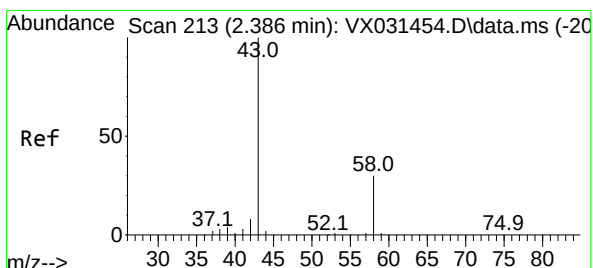
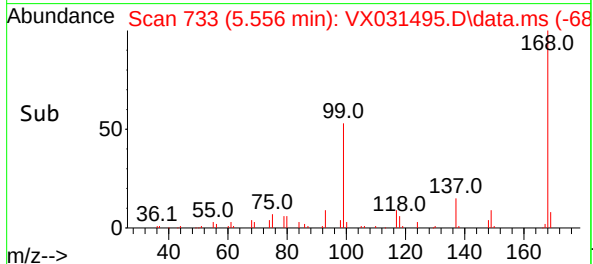
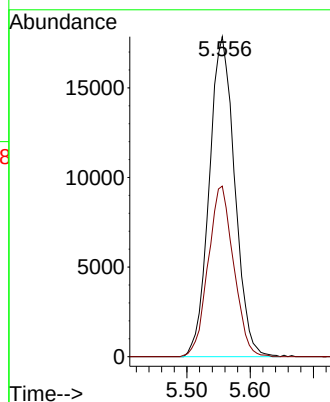
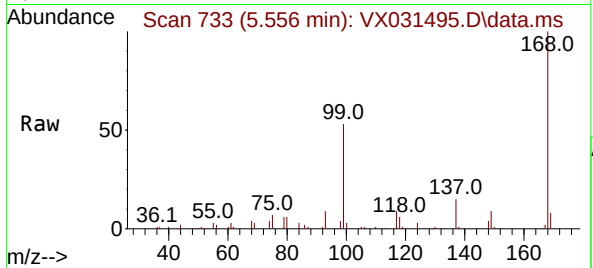




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031495.D
Acq: 20 Sep 2022 15:00

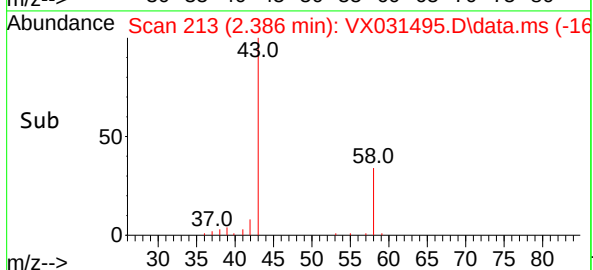
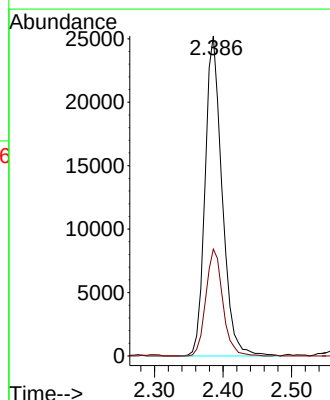
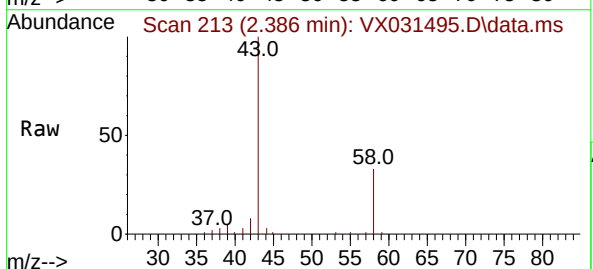
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

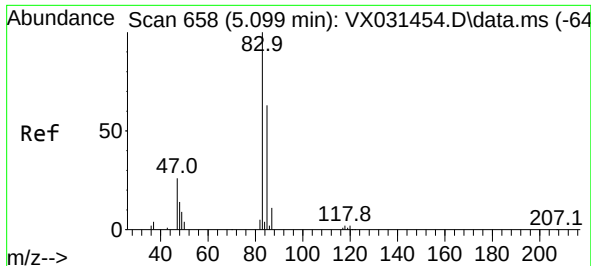
Tgt Ion:168 Resp: 49939
Ion Ratio Lower Upper
168 100
99 53.3 48.8 73.2



#16
Acetone
Concen: 113.082 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031495.D
Acq: 20 Sep 2022 15:00

Tgt Ion: 43 Resp: 43670
Ion Ratio Lower Upper
43 100
58 33.4 23.8 35.8

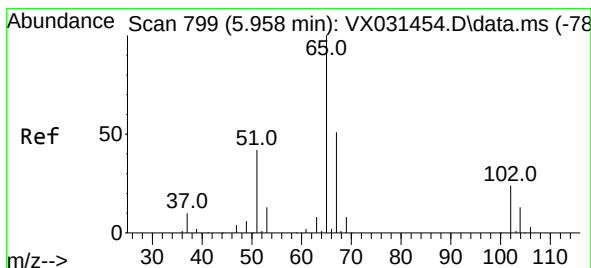
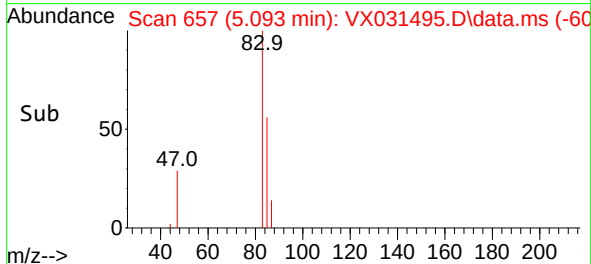
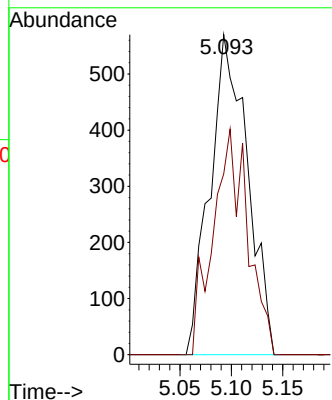
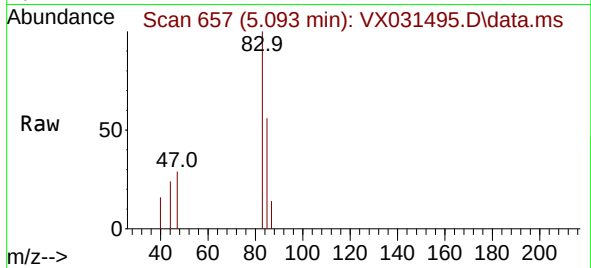




#30
Chloroform
Concen: 0.854 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031495.D
Acq: 20 Sep 2022 15:00

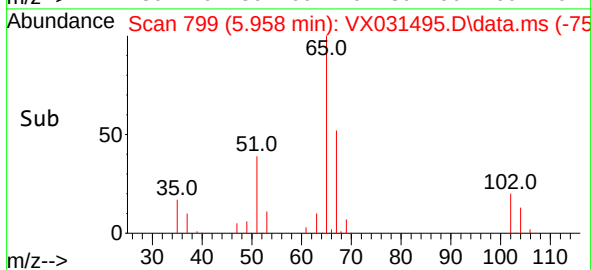
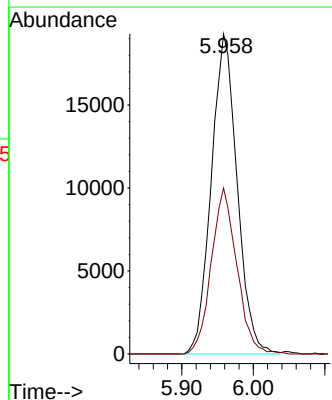
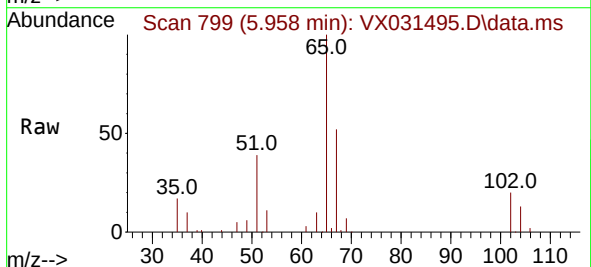
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

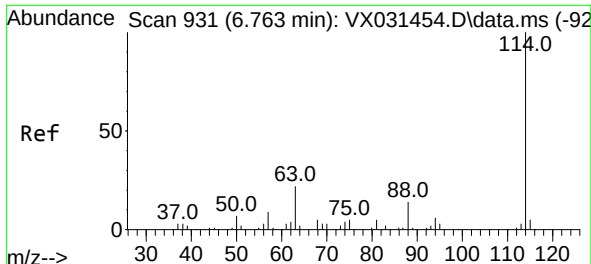
Tgt Ion: 83 Resp: 1453
Ion Ratio Lower Upper
83 100
85 56.5 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 52.805 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031495.D
Acq: 20 Sep 2022 15:00

Tgt Ion: 65 Resp: 48396
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4

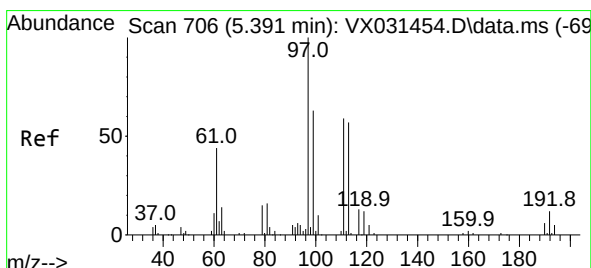
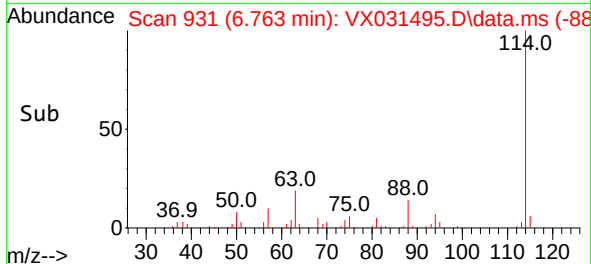
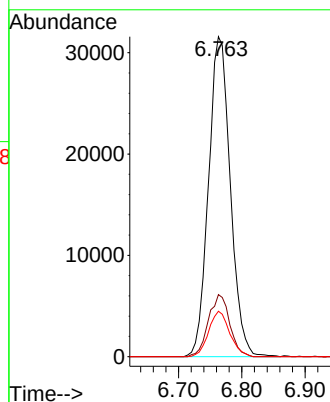
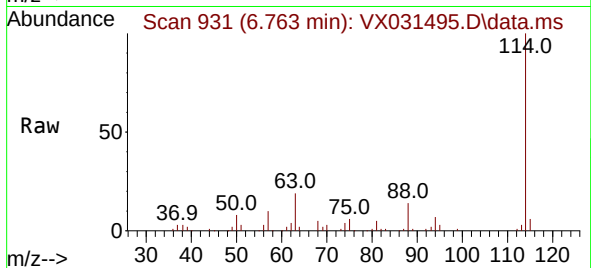




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031495.D
Acq: 20 Sep 2022 15:00

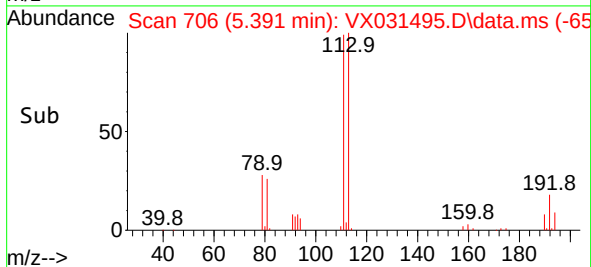
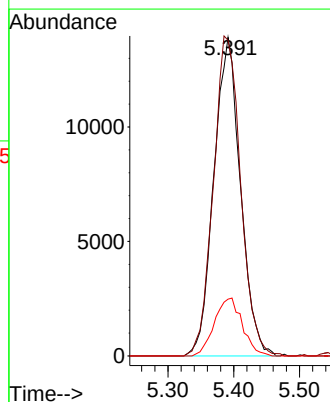
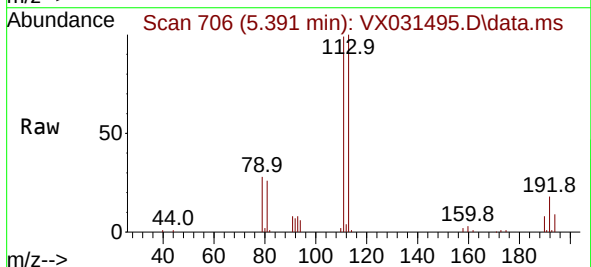
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

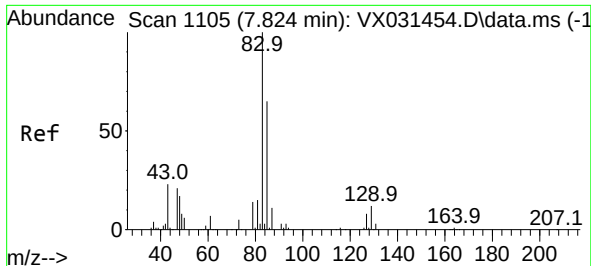
Tgt Ion:114 Resp: 75680
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 14.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031495.D
Acq: 20 Sep 2022 15:00

Tgt Ion:113 Resp: 39116
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.1 14.1 21.1

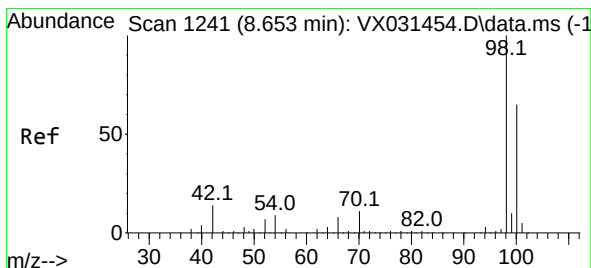
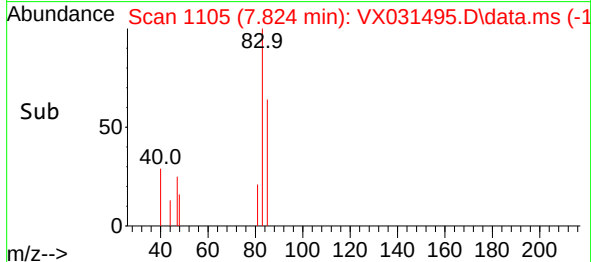
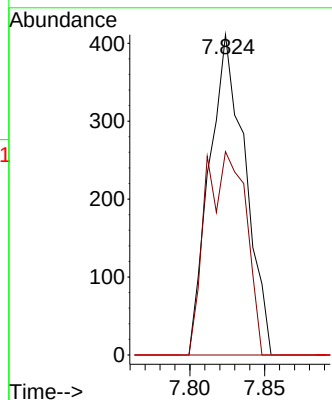
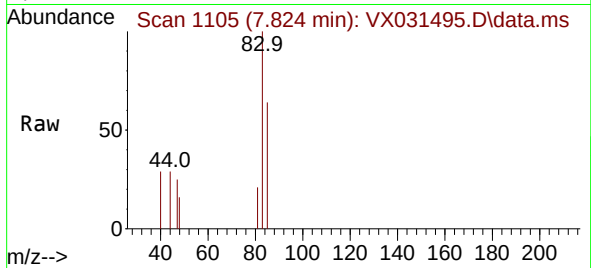




#47
Bromodichloromethane
Concen: 0.522 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031495.D
Acq: 20 Sep 2022 15:00

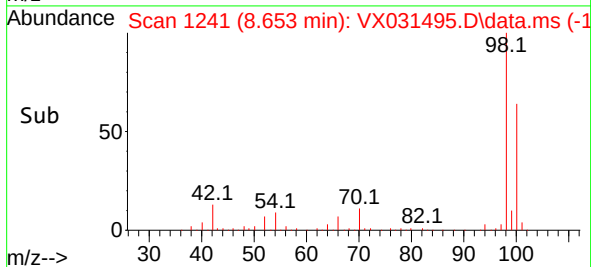
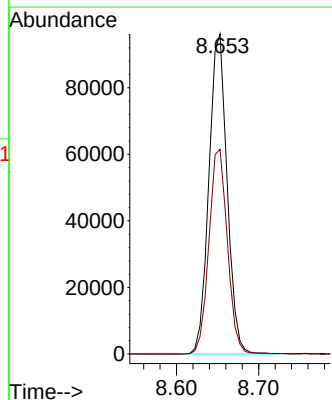
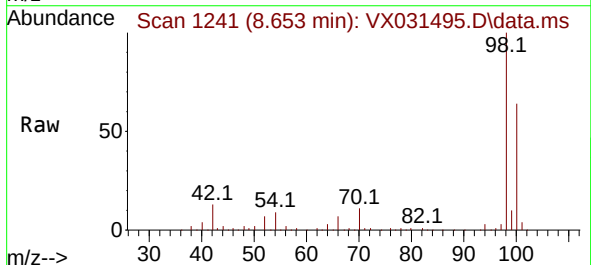
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

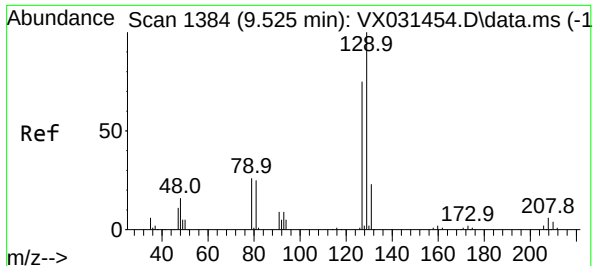
Tgt Ion: 83 Resp: 682
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.6
127 0.0 7.0 10.6#



#50
Toluene-d8
Concen: 48.955 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031495.D
Acq: 20 Sep 2022 15:00

Tgt Ion: 98 Resp: 147608
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#60

Dibromochloromethane

Concen: 0.693 ug/l

RT: 9.525 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031495.D

Acq: 20 Sep 2022 15:00

Instrument :

MSVOA_X

ClientSampleId :

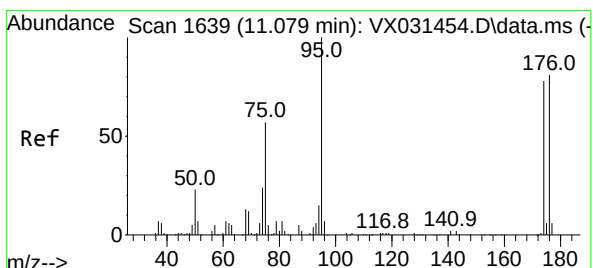
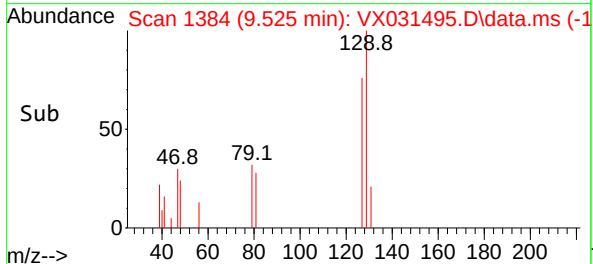
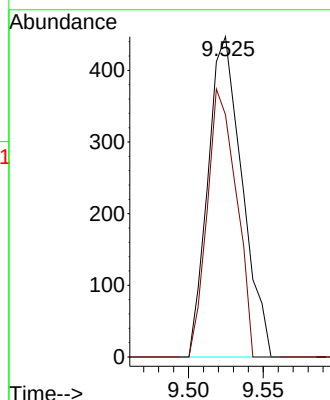
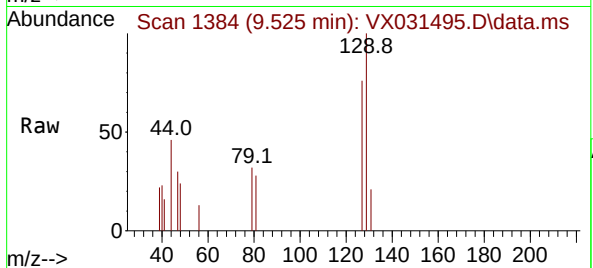
TOWER-1

Tgt Ion:129 Resp: 710

Ion Ratio Lower Upper

129 100

127 71.4 38.7 116.1



#62

4-Bromofluorobenzene

Concen: 44.558 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031495.D

Acq: 20 Sep 2022 15:00

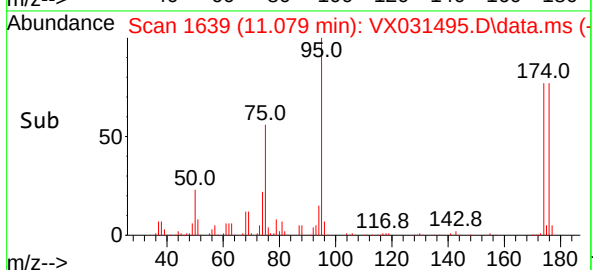
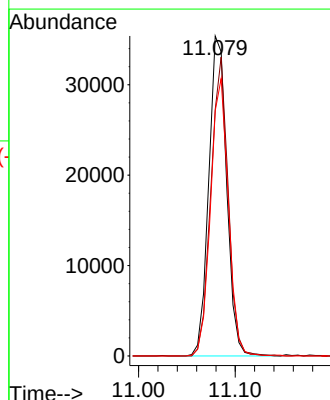
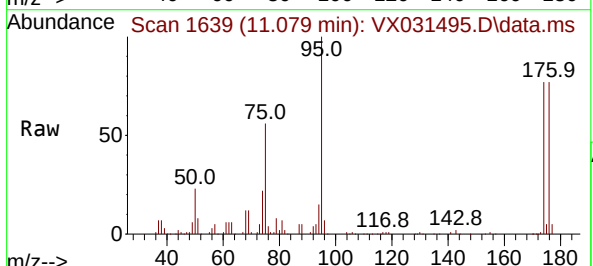
Tgt Ion: 95 Resp: 45508

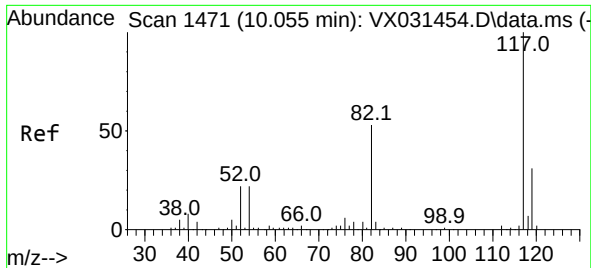
Ion Ratio Lower Upper

95 100

174 90.1 0.0 153.2

176 86.1 0.0 144.0

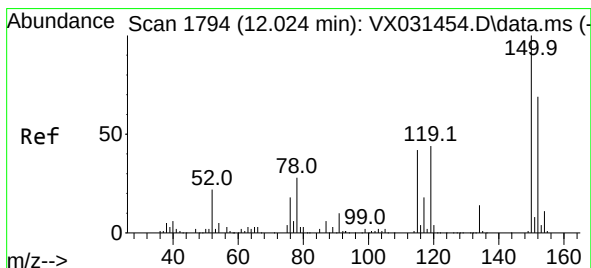
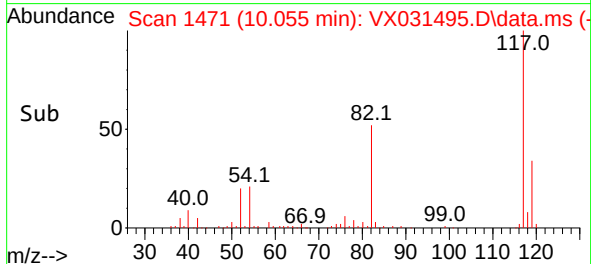
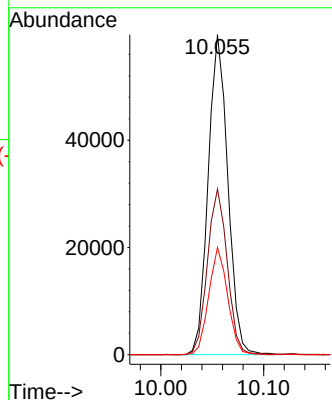
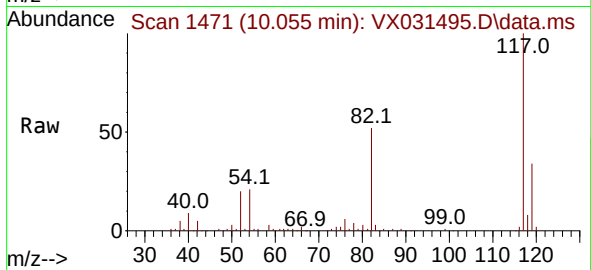




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031495.D
Acq: 20 Sep 2022 15:00

Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

Tgt Ion:117 Resp: 79361
Ion Ratio Lower Upper
117 100
82 51.8 46.8 70.2
119 33.5 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: VX031495.D
Acq: 20 Sep 2022 15:00

Tgt Ion:152 Resp: 51248
Ion Ratio Lower Upper
152 100
115 57.9 43.4 130.1
150 156.8 0.0 346.8

