

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031759.D
 Acq On : 29 Sep 2022 04:53
 Operator : JC/MD
 Sample : N4850-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14B-SP-2-GR

Quant Time: Sep 29 06:26:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

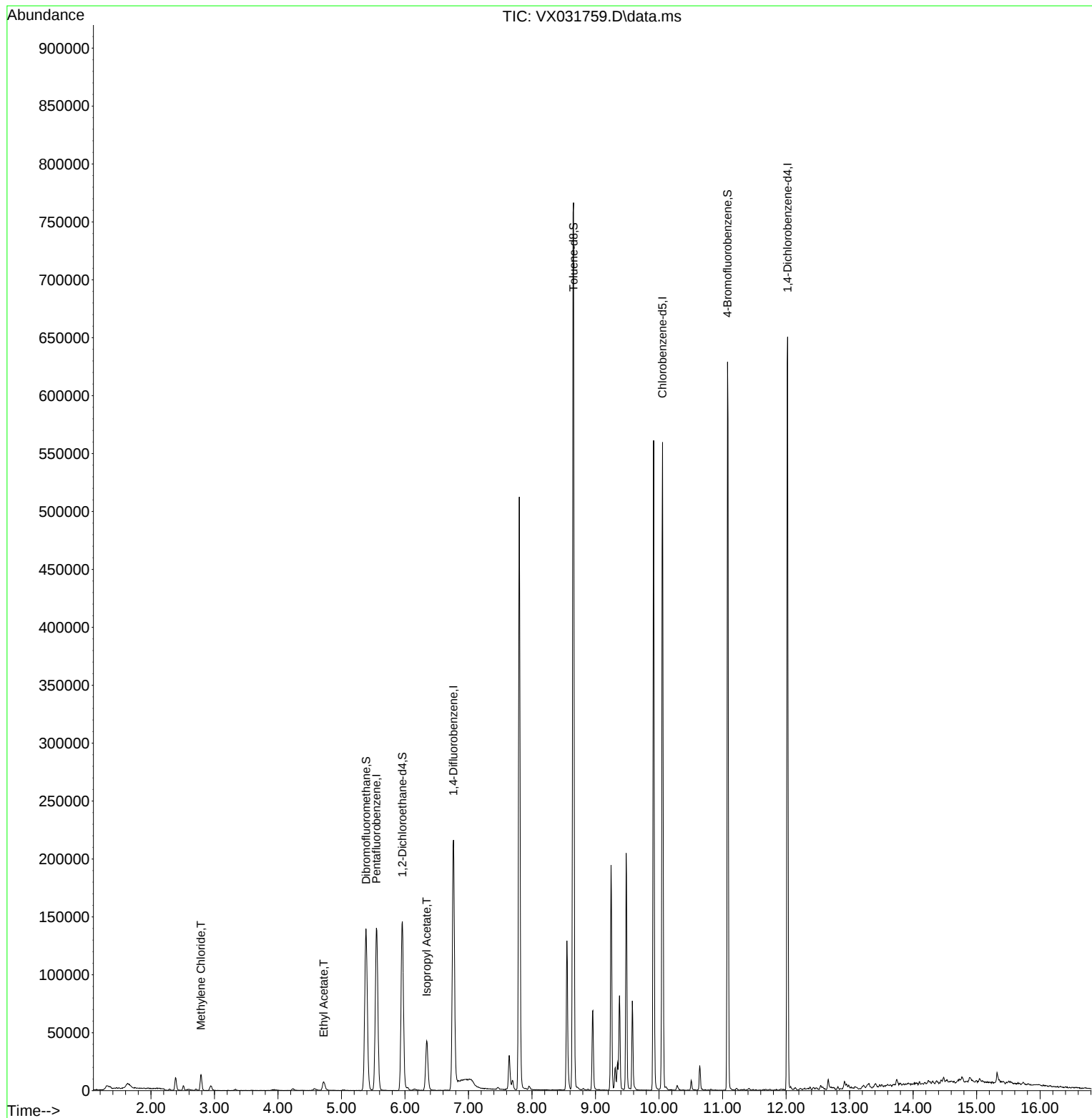
Internal Standards						
1) Pentafluorobenzene	5.550	168	132283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140434	50.019	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.040%
35) Dibromofluoromethane	5.385	113	117918	44.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.000%
50) Toluene-d8	8.653	98	471292	48.509	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	160144	44.973	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.940%
Target Compounds						
						Qvalue
20) Methylene Chloride	2.788	84	6678	2.141	ug/l	92
37) Ethyl Acetate	4.720	43	13170	4.243	ug/l	97
43) Isopropyl Acetate	6.342	43	56733	11.612	ug/l #	94

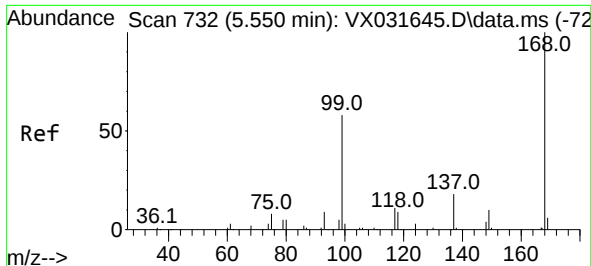
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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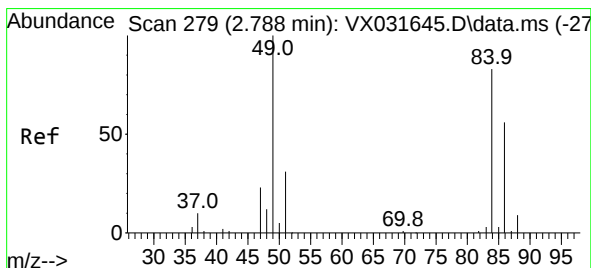
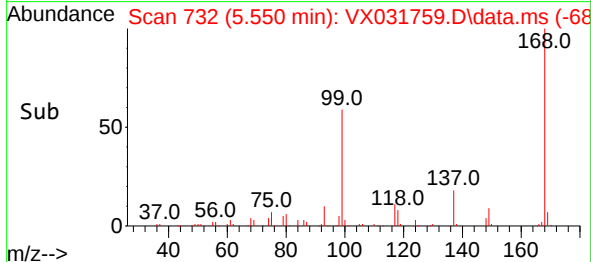
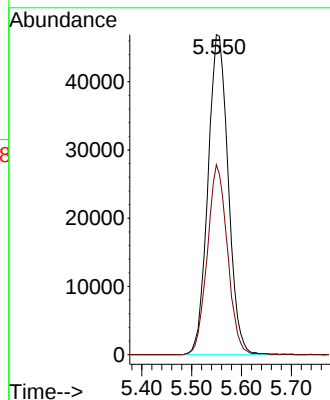
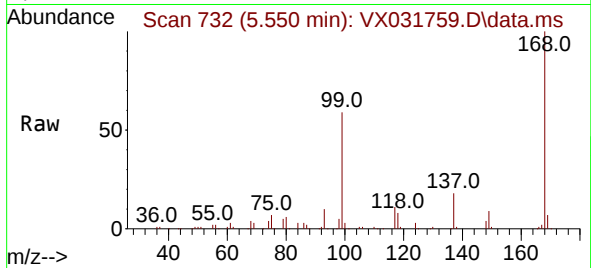




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX031759.D
Acq: 29 Sep 2022 04:53

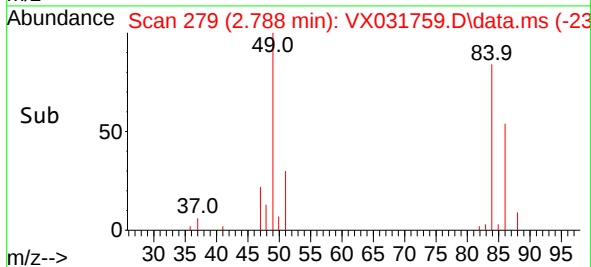
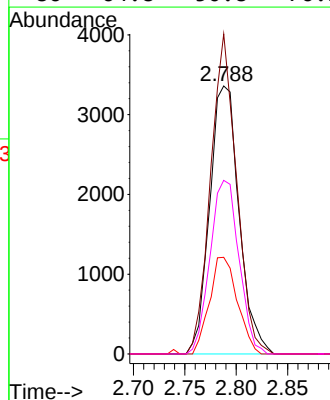
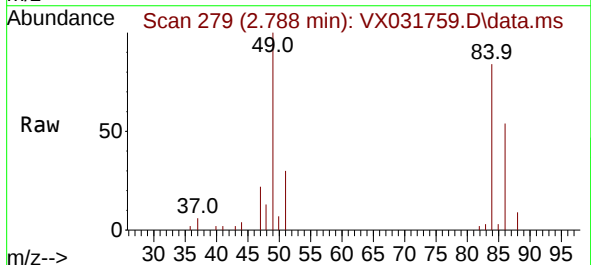
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-SP-2-GR

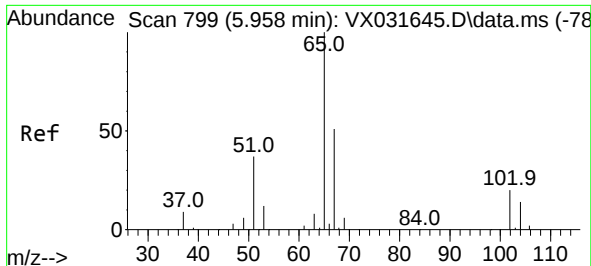
Tgt Ion:168 Resp: 132283
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#20
Methylene Chloride
Concen: 2.141 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031759.D
Acq: 29 Sep 2022 04:53

Tgt Ion: 84 Resp: 6678
Ion Ratio Lower Upper
84 100
49 119.4 105.9 158.9
51 36.1 32.2 48.2
86 64.8 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 50.019 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031759.D

Acq: 29 Sep 2022 04:53

Instrument :

MSVOA_X

ClientSampleId :

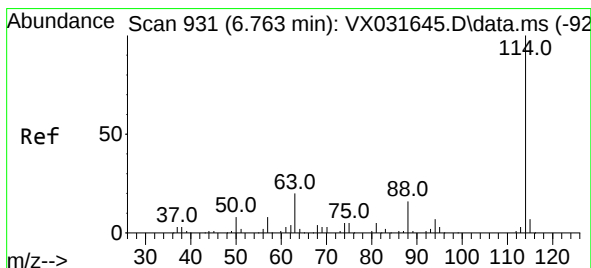
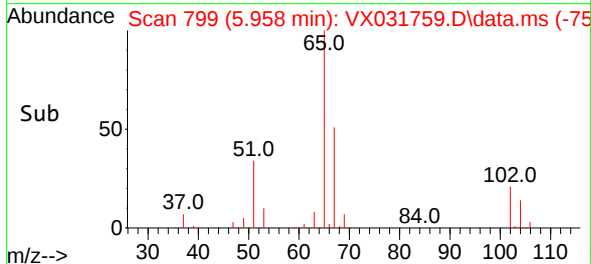
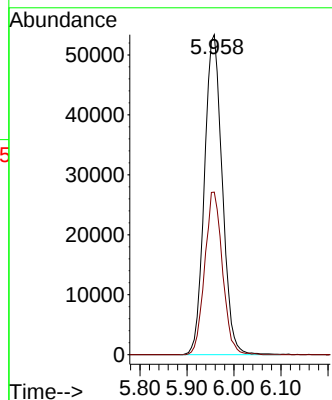
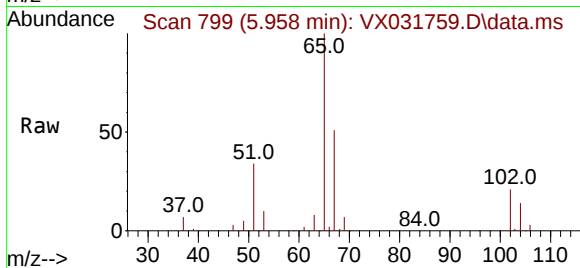
WC-14B-SP-2-GR

Tgt Ion: 65 Resp: 140434

Ion Ratio Lower Upper

65 100

67 50.4 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: VX031759.D

Acq: 29 Sep 2022 04:53

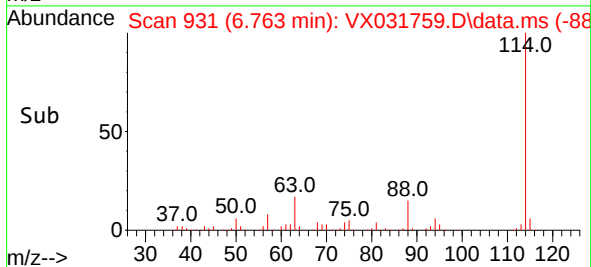
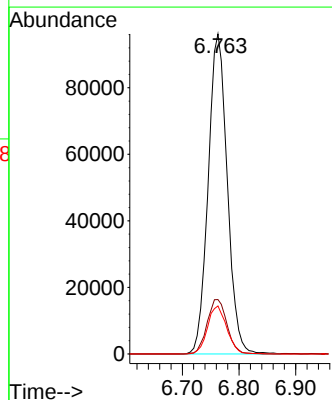
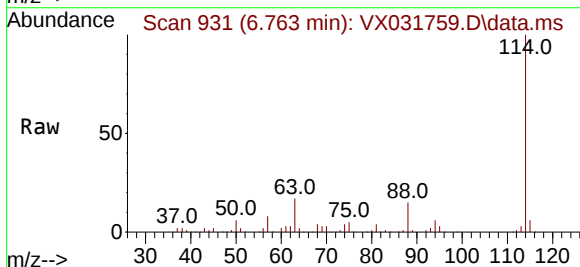
Tgt Ion: 114 Resp: 224910

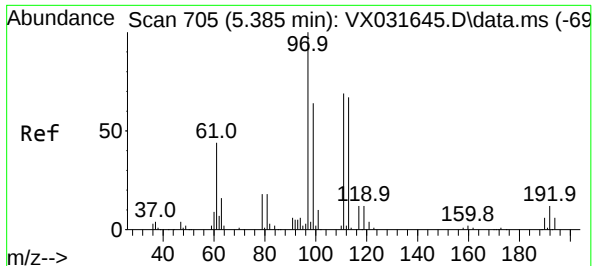
Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.6

88 15.0 0.0 33.0

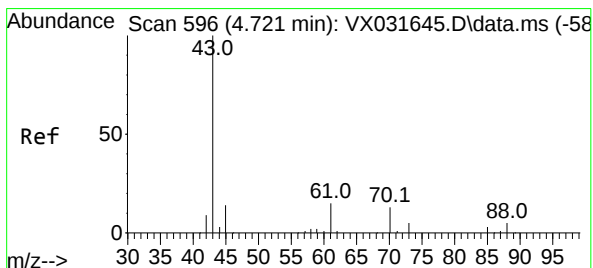
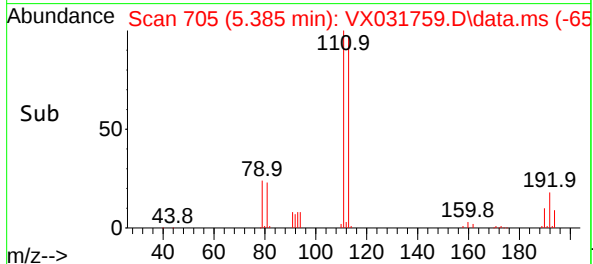
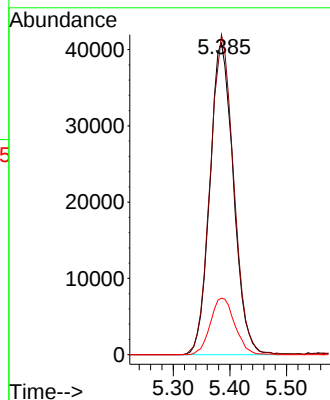
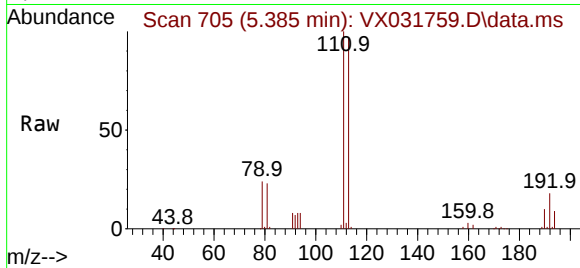




#35
Dibromofluoromethane
Concen: 44.002 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031759.D
Acq: 29 Sep 2022 04:53

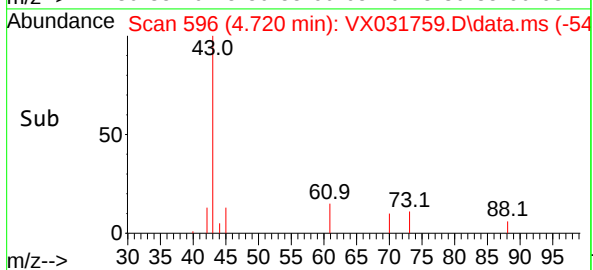
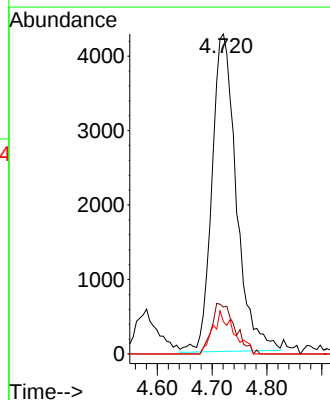
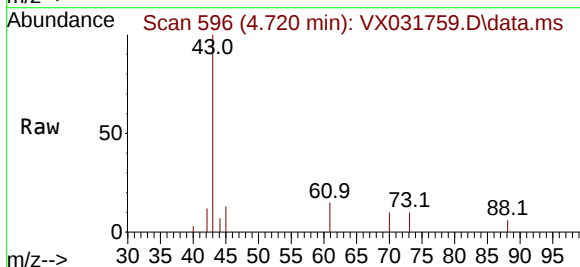
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-SP-2-GR

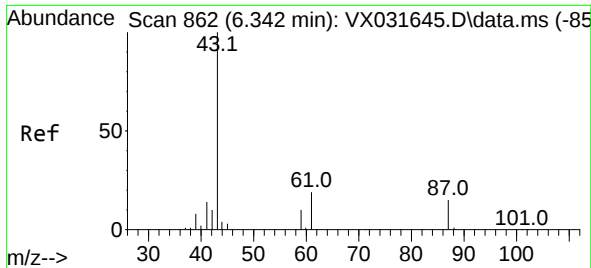
Tgt Ion:113 Resp: 117918
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.8 14.1 21.1



#37
Ethyl Acetate
Concen: 4.243 ug/l
RT: 4.720 min Scan# 596
Delta R.T. -0.001 min
Lab File: VX031759.D
Acq: 29 Sep 2022 04:53

Tgt Ion: 43 Resp: 13170
Ion Ratio Lower Upper
43 100
61 15.1 11.1 16.7
70 11.6 8.6 13.0

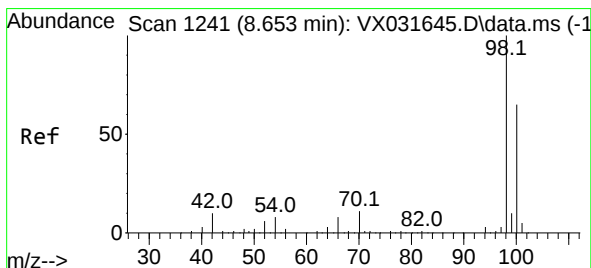
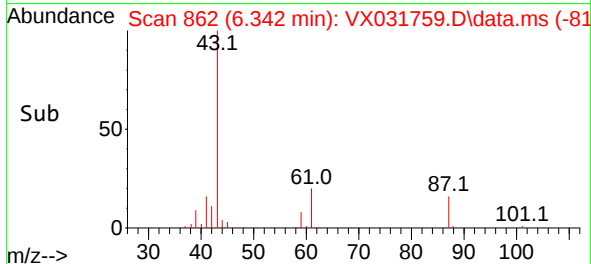
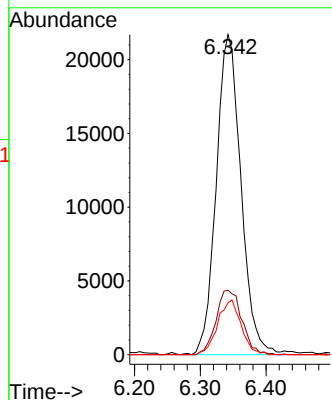
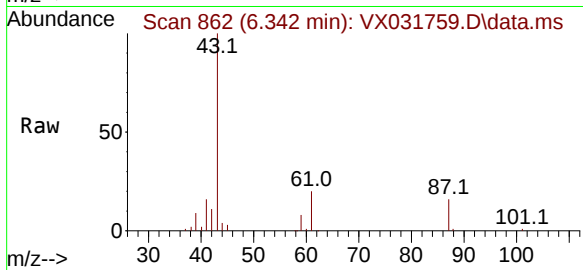




#43
Isopropyl Acetate
Concen: 11.612 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031759.D
Acq: 29 Sep 2022 04:53

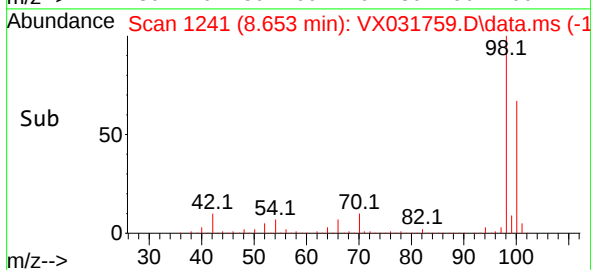
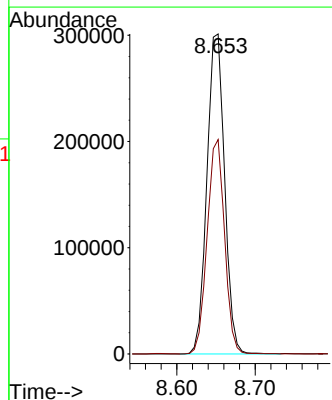
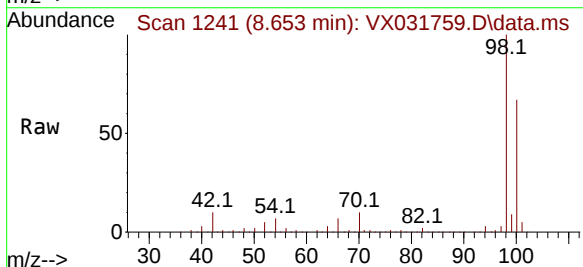
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-SP-2-GR

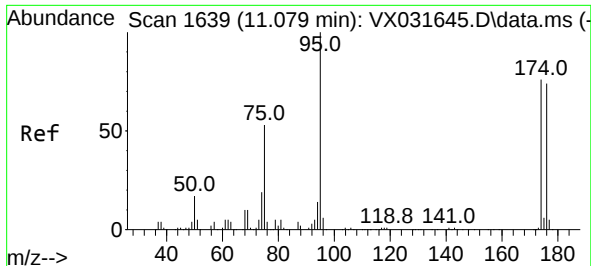
Tgt Ion: 43 Resp: 56733
Ion Ratio Lower Upper
43 100
61 21.0 15.3 22.9
87 16.2 10.6 15.8#



#50
Toluene-d8
Concen: 48.509 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031759.D
Acq: 29 Sep 2022 04:53

Tgt Ion: 98 Resp: 471292
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 44.973 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031759.D

Acq: 29 Sep 2022 04:53

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-SP-2-GR

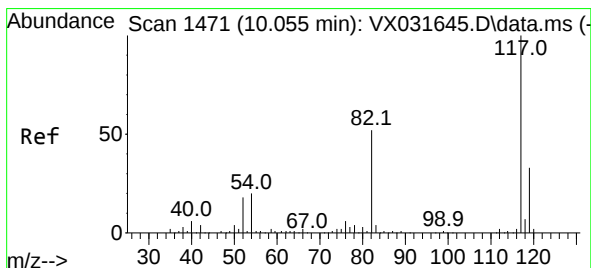
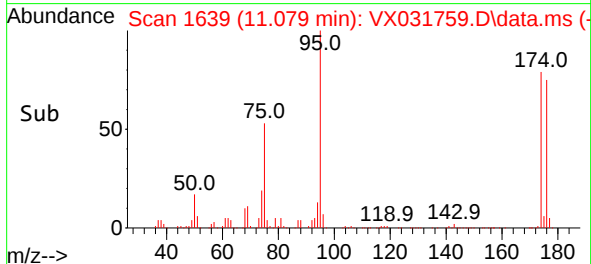
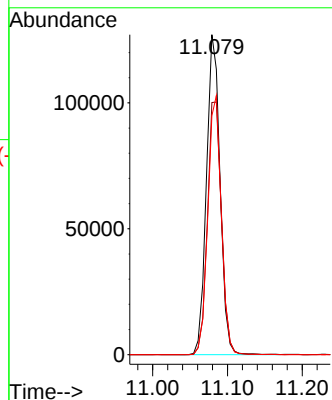
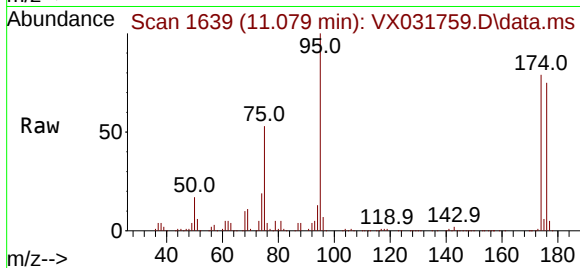
Tgt Ion: 95 Resp: 160144

Ion Ratio Lower Upper

95 100

174 81.9 0.0 153.2

176 80.3 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: VX031759.D

Acq: 29 Sep 2022 04:53

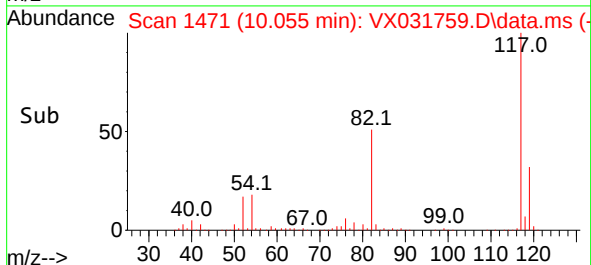
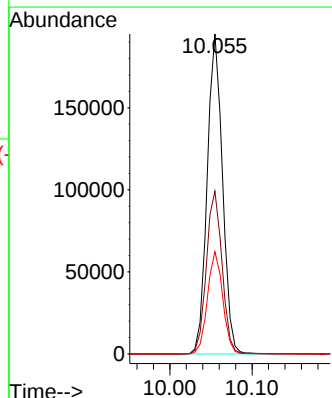
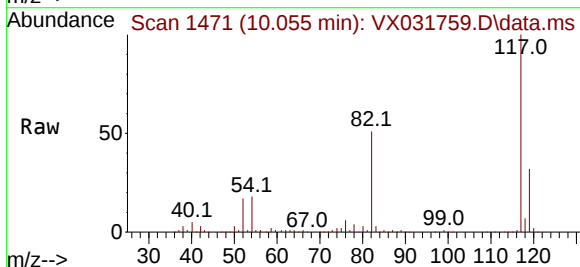
Tgt Ion: 117 Resp: 252338

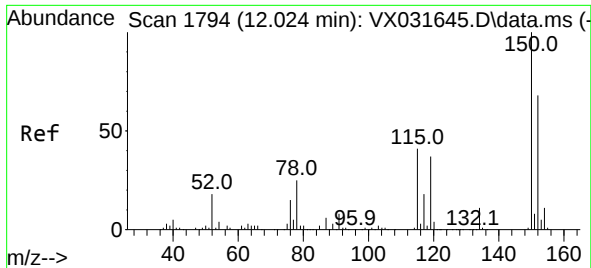
Ion Ratio Lower Upper

117 100

82 50.9 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# 11

Delta R.T. 0.000 min

Lab File: VX031759.D

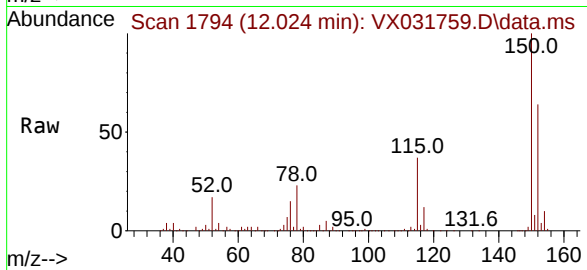
Acq: 29 Sep 2022 04:53

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-SP-2-GR



Tgt Ion:152 Resp: 135974

Ion Ratio Lower Upper

152 100

115 60.6 43.4 130.1

150 157.5 0.0 346.8

