

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029682.D
 Acq On : 21 Jun 2022 23:09
 Operator : JC/MD
 Sample : N3286-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7D

Quant Time: Jun 22 01:14:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

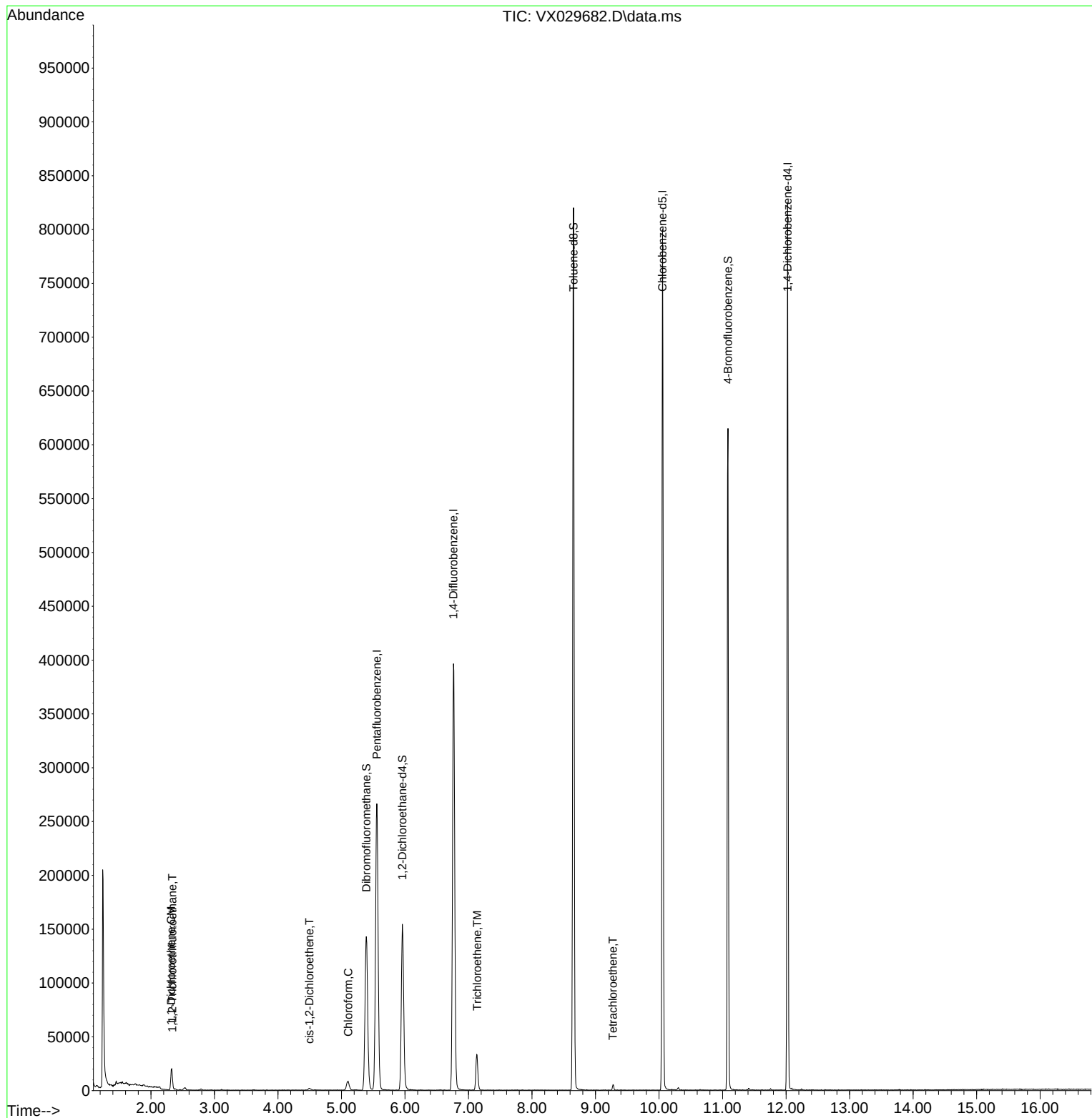
Internal Standards						
1) Pentafluorobenzene	5.556	168	258960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144512	42.157	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.320%
35) Dibromofluoromethane	5.391	113	128808	45.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.840%
50) Toluene-d8	8.653	98	494779	47.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.085	95	178855	45.782	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.560%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	3990	1.468	ug/l	92
12) 1,1-Dichloroethene	2.319	96	4664	1.778	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	1354	0.404	ug/l	85
30) Chloroform	5.105	83	10499	1.969	ug/l	97
44) Trichloroethene	7.135	130	13745	3.206	ug/l	99
64) Tetrachloroethene	9.275	164	905	0.329	ug/l	97

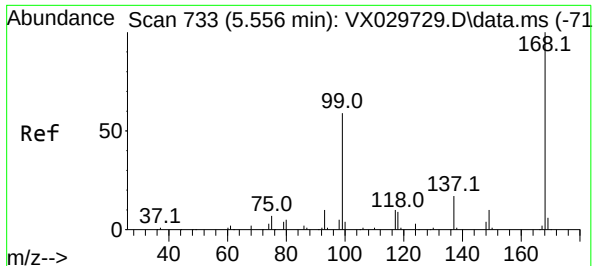
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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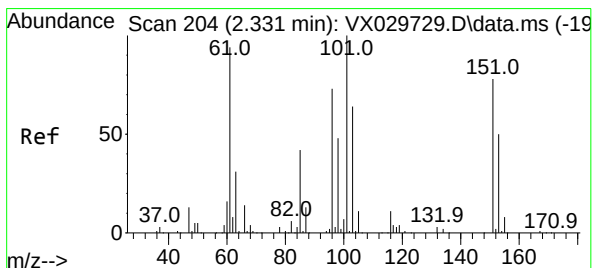
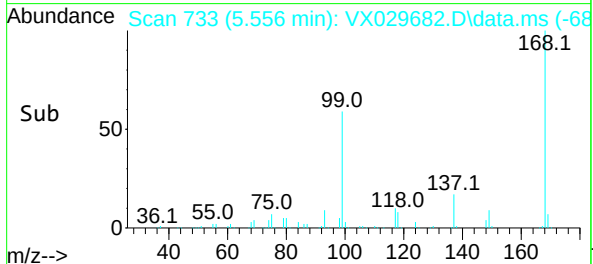
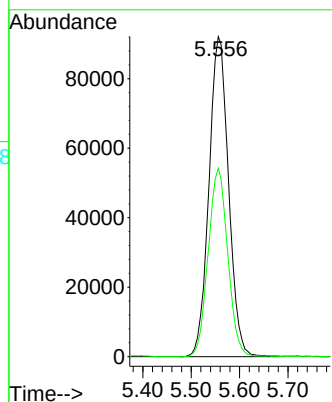
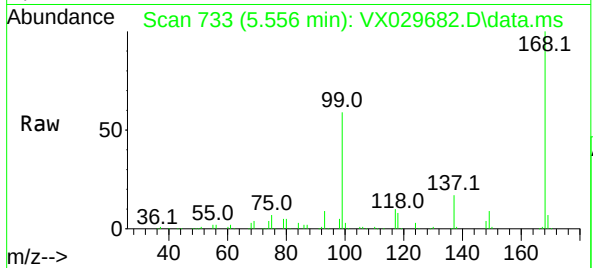




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029682.D
Acq: 21 Jun 2022 23:09

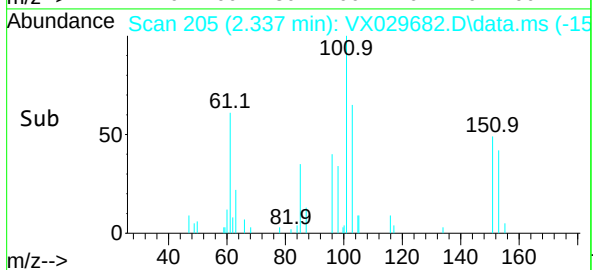
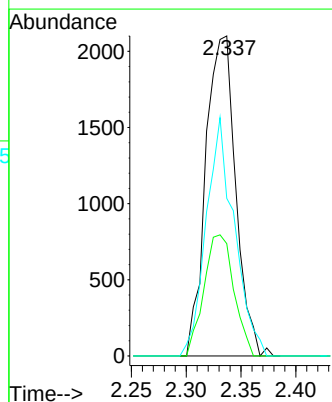
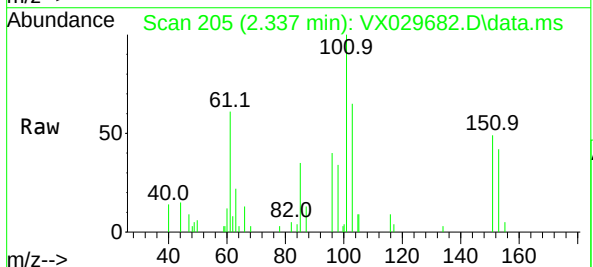
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

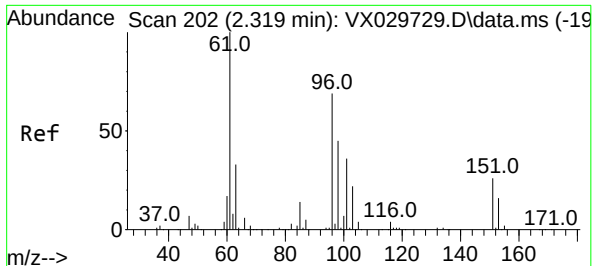
Tgt Ion:168 Resp: 258960
Ion Ratio Lower Upper
168 100
99 59.0 41.7 62.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.468 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX029682.D
Acq: 21 Jun 2022 23:09

Tgt Ion:101 Resp: 3990
Ion Ratio Lower Upper
101 100
85 37.8 33.5 50.3
151 70.2 61.8 92.6





#12

1,1-Dichloroethene

Concen: 1.778 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX029682.D

Acq: 21 Jun 2022 23:09

Instrument :

MSVOA_X

ClientSampleId :

MW-7D

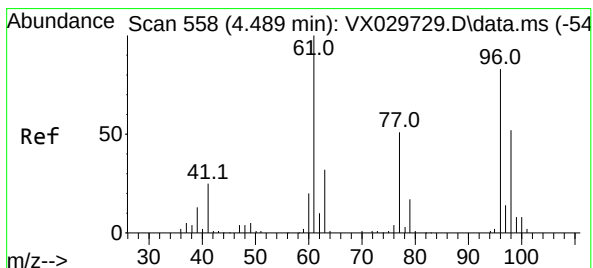
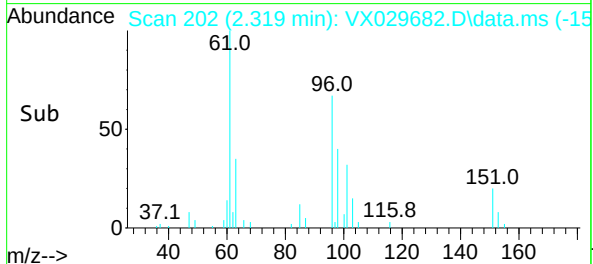
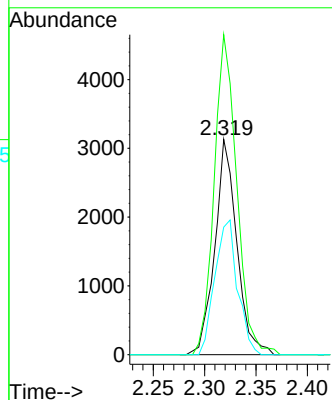
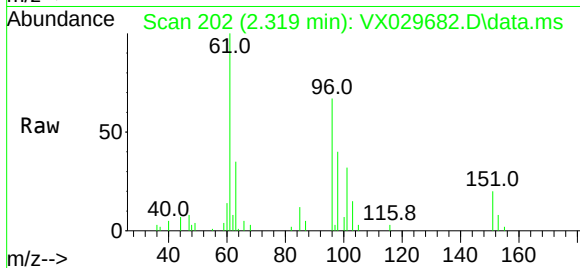
Tgt Ion: 96 Resp: 4664

Ion Ratio Lower Upper

96 100

61 148.6 124.6 187.0

98 59.2 51.0 76.4



#27

cis-1,2-Dichloroethene

Concen: 0.404 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX029682.D

Acq: 21 Jun 2022 23:09

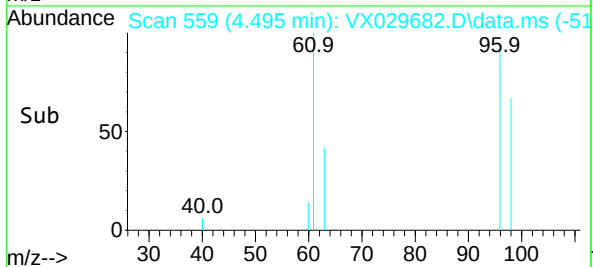
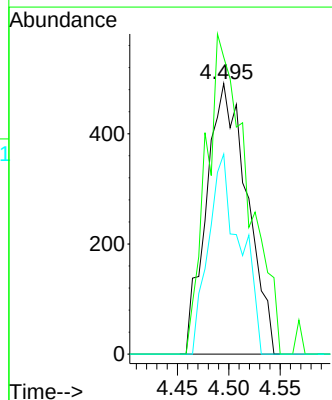
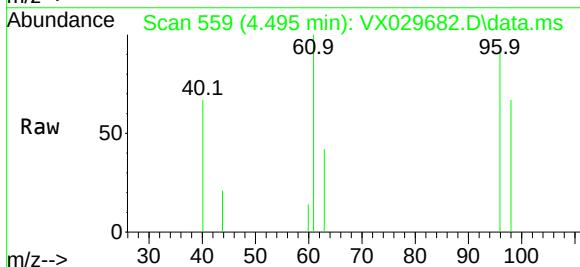
Tgt Ion: 96 Resp: 1354

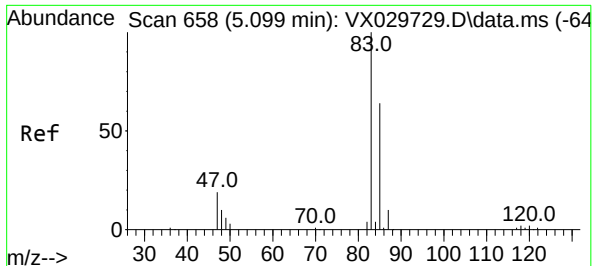
Ion Ratio Lower Upper

96 100

61 119.7 0.0 283.8

98 57.6 0.0 129.8





#30

Chloroform

Concen: 1.969 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX029682.D

Acq: 21 Jun 2022 23:09

Instrument :

MSVOA_X

ClientSampleId :

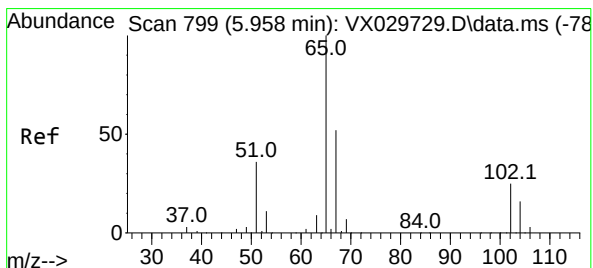
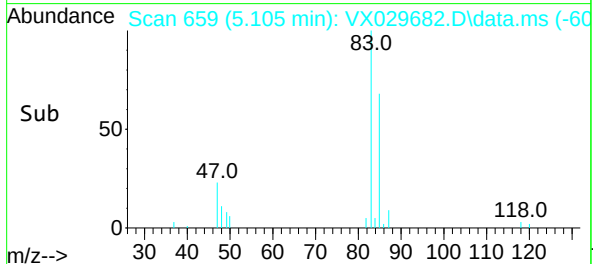
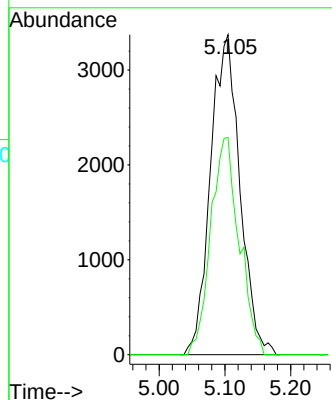
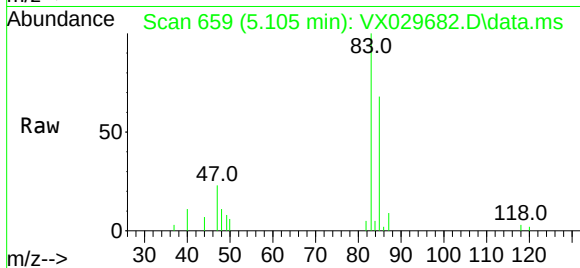
MW-7D

Tgt Ion: 83 Resp: 10499

Ion Ratio Lower Upper

83 100

85 67.9 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 42.157 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029682.D

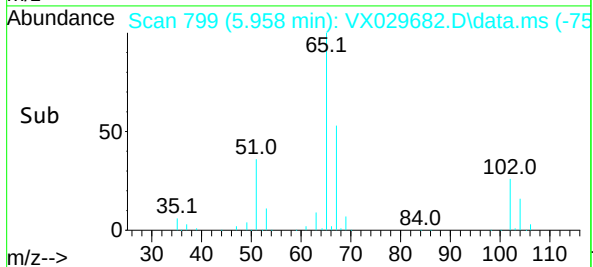
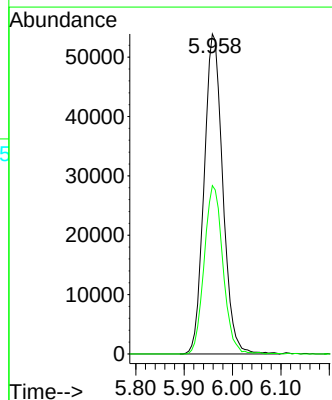
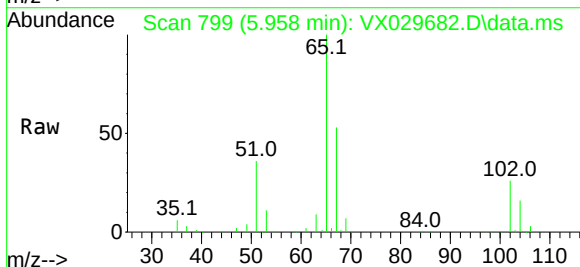
Acq: 21 Jun 2022 23:09

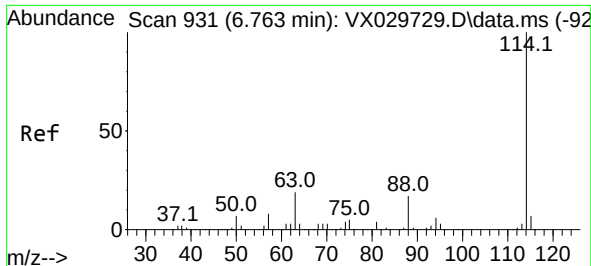
Tgt Ion: 65 Resp: 144512

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.4

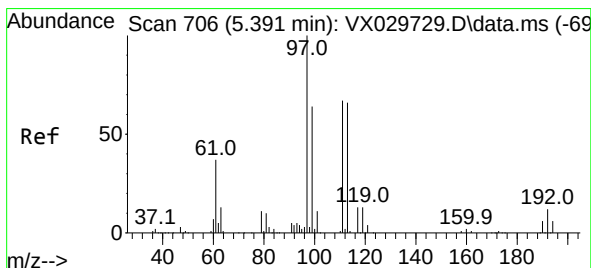
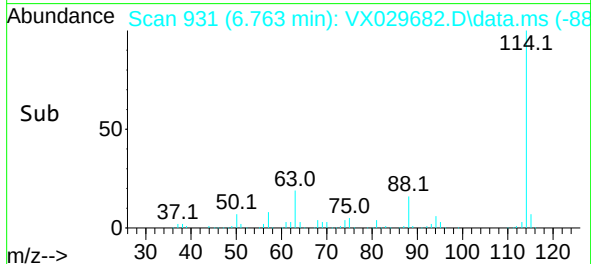
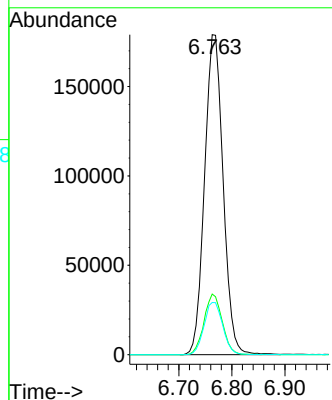
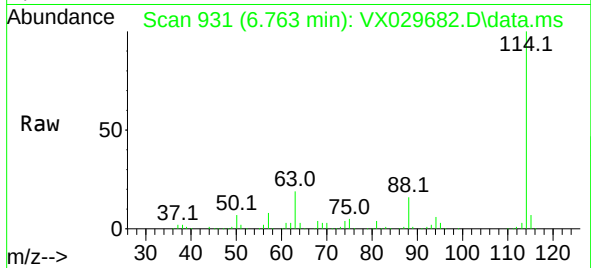




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029682.D
Acq: 21 Jun 2022 23:09

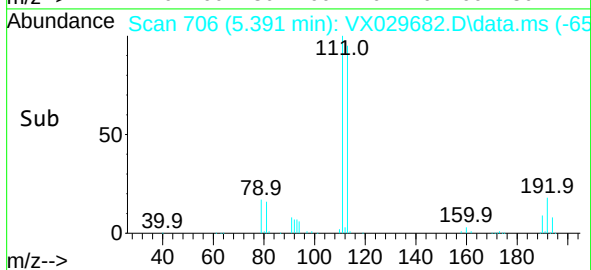
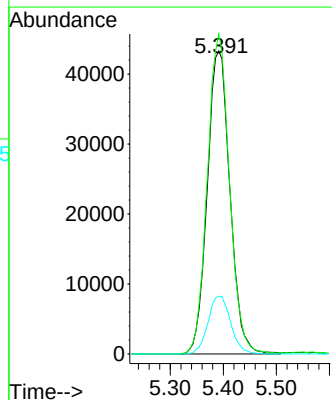
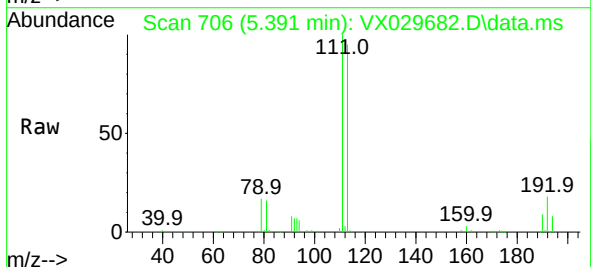
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

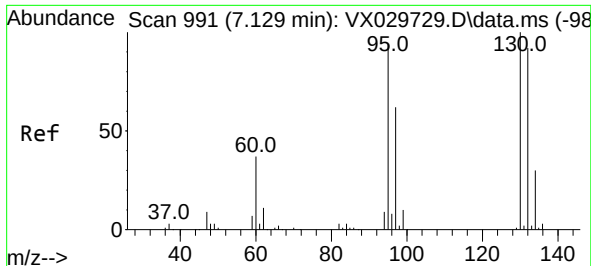
Tgt Ion:114 Resp: 435139
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.423 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029682.D
Acq: 21 Jun 2022 23:09

Tgt Ion:113 Resp: 128808
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 19.1 16.9 25.3

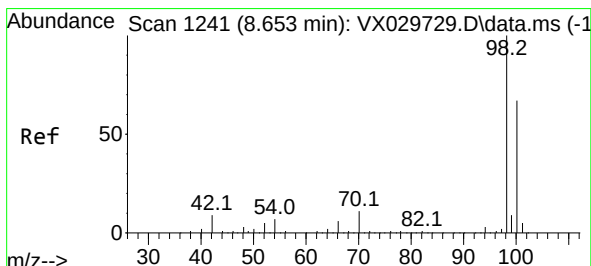
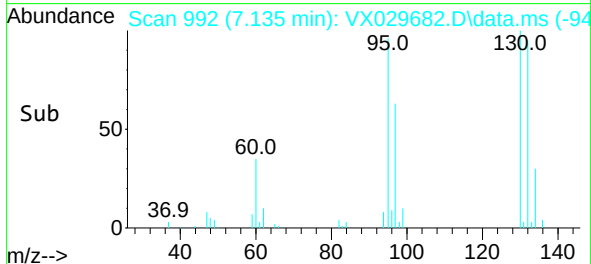
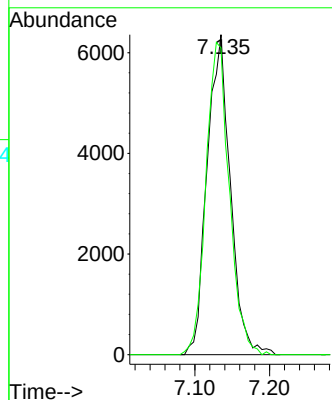
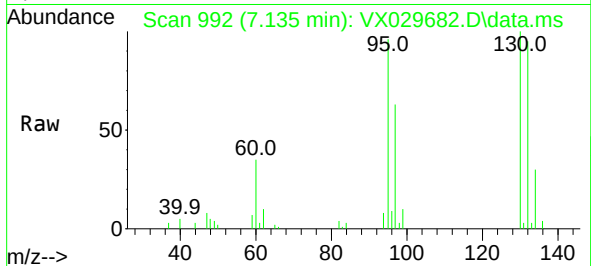




#44
Trichloroethene
Concen: 3.206 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029682.D
Acq: 21 Jun 2022 23:09

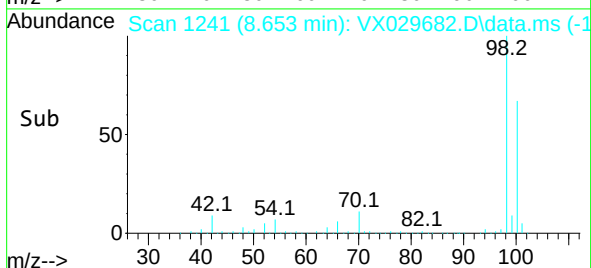
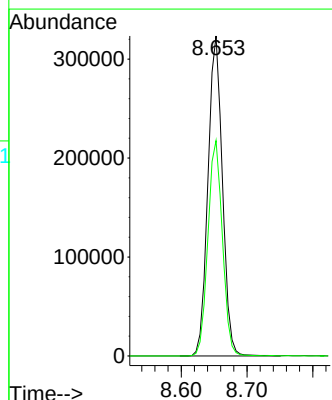
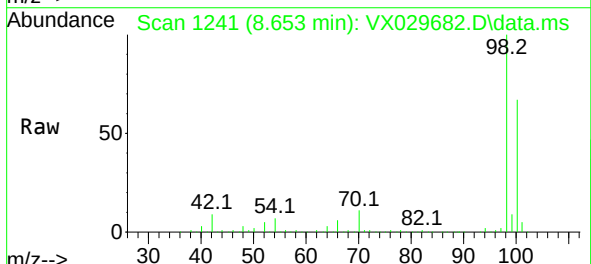
Instrument :
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ClientSampleId :
MW-7D

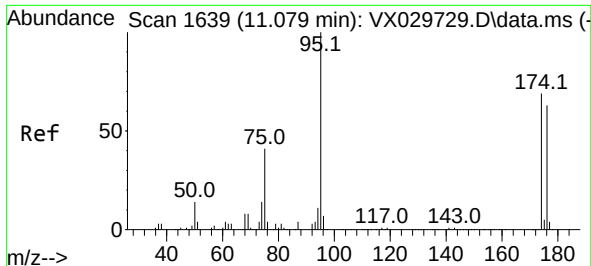
Tgt Ion:130 Resp: 13745
Ion Ratio Lower Upper
130 100
95 95.8 0.0 188.8



#50
Toluene-d8
Concen: 47.761 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029682.D
Acq: 21 Jun 2022 23:09

Tgt Ion: 98 Resp: 494779
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 45.782 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029682.D

Acq: 21 Jun 2022 23:09

Instrument :

MSVOA_X

ClientSampleId :

MW-7D

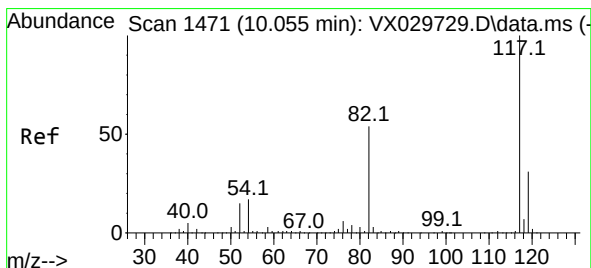
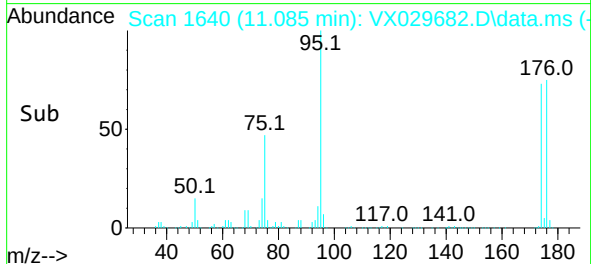
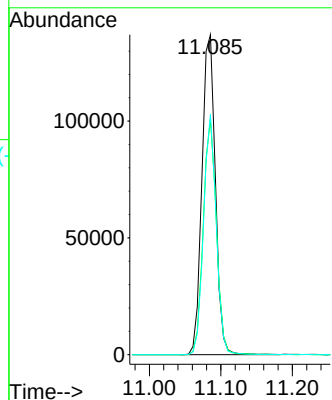
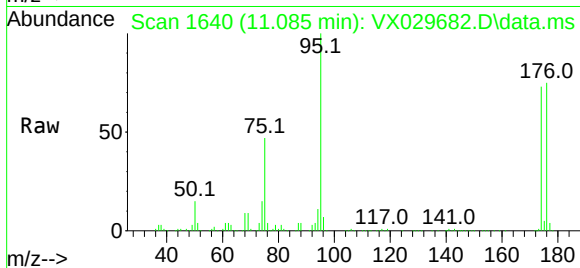
Tgt Ion: 95 Resp: 178855

Ion Ratio Lower Upper

95 100

174 71.8 0.0 163.0

176 70.8 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029682.D

Acq: 21 Jun 2022 23:09

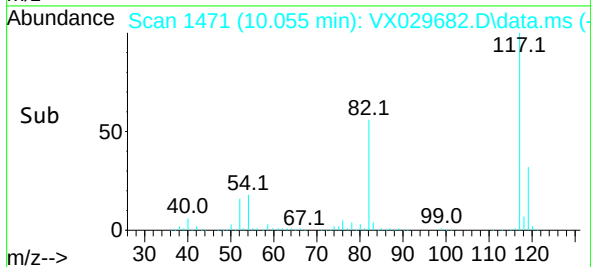
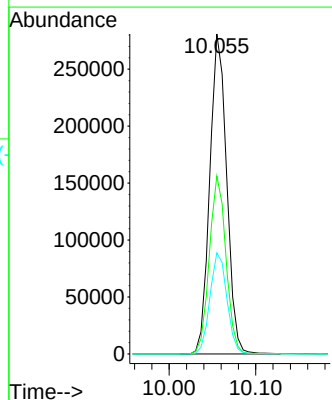
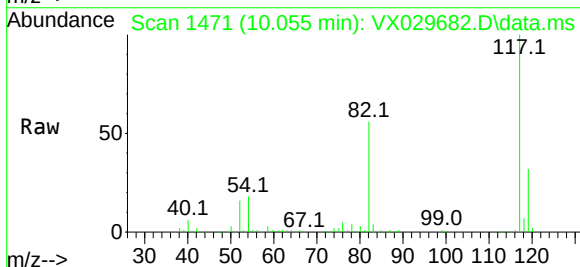
Tgt Ion: 117 Resp: 380900

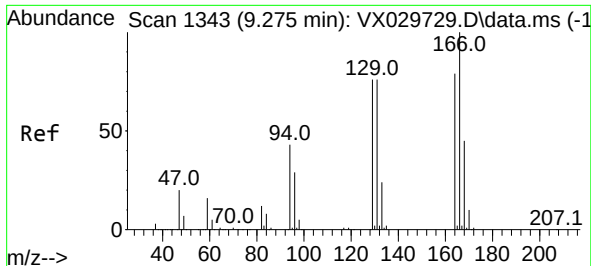
Ion Ratio Lower Upper

117 100

82 55.7 41.8 62.8

119 31.6 24.8 37.2



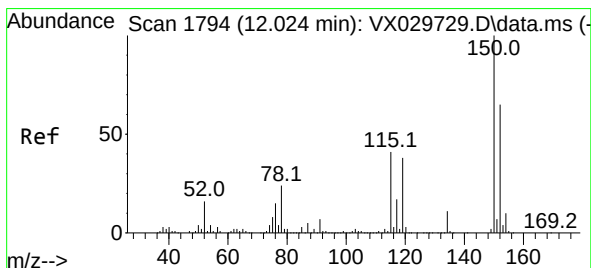
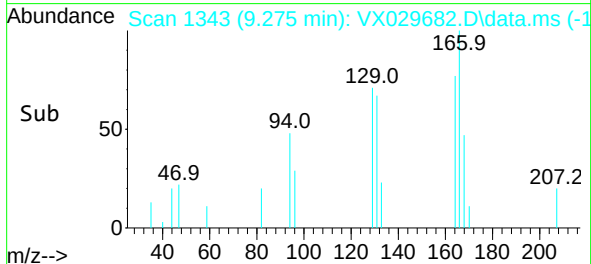
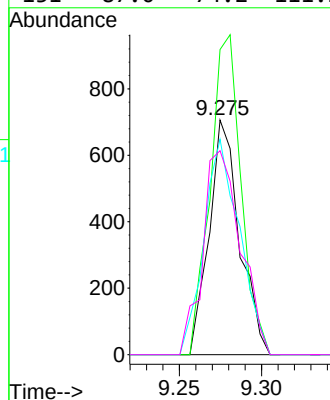
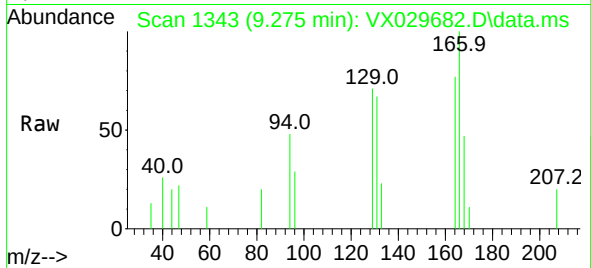


#64
Tetrachloroethene
Concen: 0.329 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029682.D
Acq: 21 Jun 2022 23:09

Instrument :
MSVOA_X
ClientSampleId :
MW-7D

Tgt Ion:164 Resp: 905

Ion	Ratio	Lower	Upper
164	100		
166	130.0	101.2	151.8
129	91.8	73.0	109.4
131	87.0	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029682.D
Acq: 21 Jun 2022 23:09

Tgt Ion:152 Resp: 168729

Ion	Ratio	Lower	Upper
152	100		
115	63.3	37.5	112.7
150	157.1	0.0	338.2

