

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031096.D
 Acq On : 03 Sep 2022 20:34
 Operator : JC/MD
 Sample : N4357-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20220823

Quant Time: Sep 06 00:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

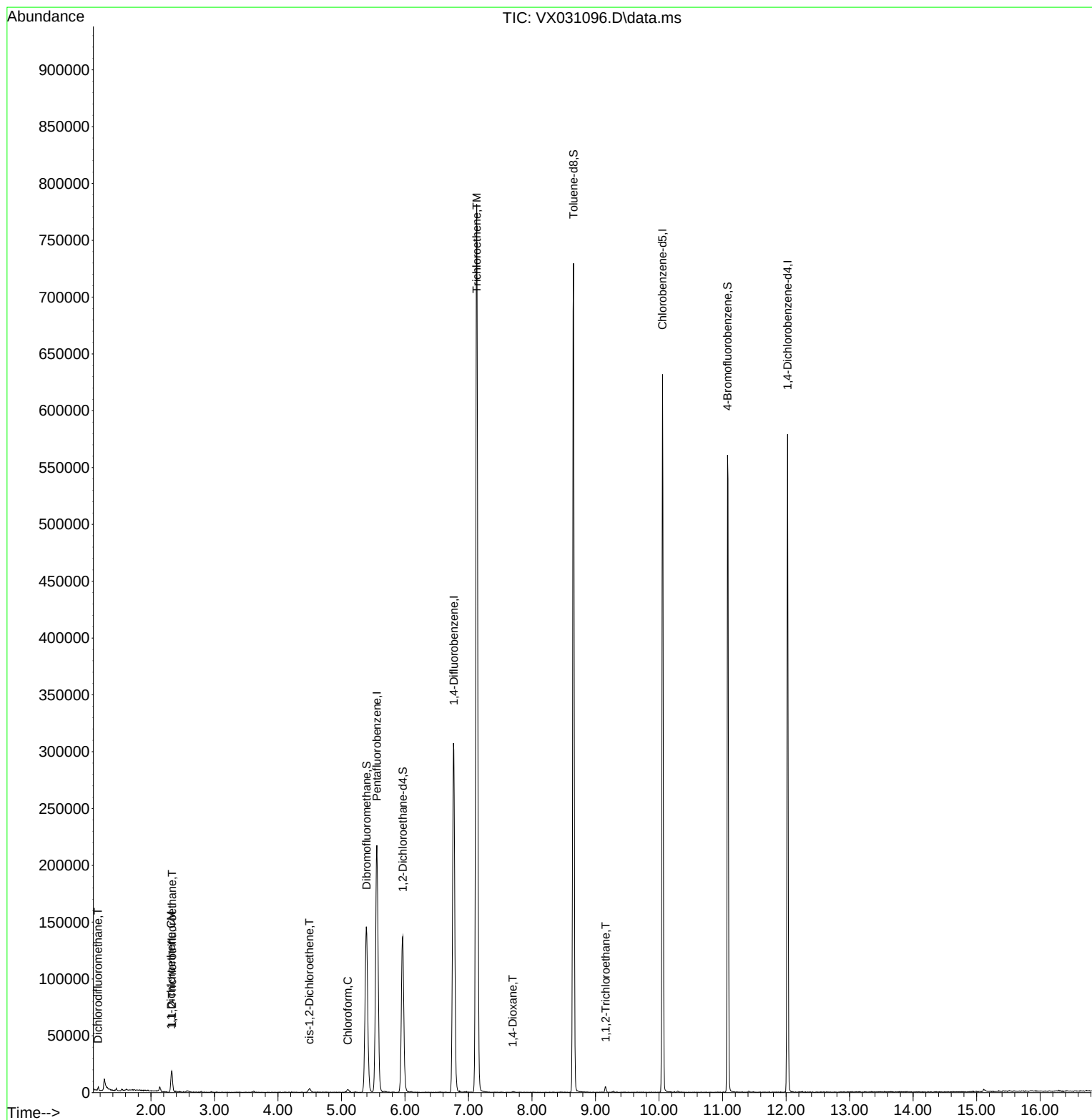
Internal Standards						
1) Pentafluorobenzene	5.556	168	218407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	346715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136831	48.690	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.380%
35) Dibromofluoromethane	5.397	113	132522	52.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.760%
50) Toluene-d8	8.653	98	461728	49.584	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.079	95	161000	48.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1469	0.654	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	5021	1.911	ug/l	89
12) 1,1-Dichloroethene	2.319	96	3276	1.291	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	2550	0.806	ug/l	74
30) Chloroform	5.099	83	3139	0.626	ug/l	90
44) Trichloroethene	7.129	130	324175	100.656	ug/l	96
49) 1,4-Dioxane	7.696	88	650	8.796	ug/l #	53
55) 1,1,2-Trichloroethane	9.159	97	1682	0.600	ug/l #	88

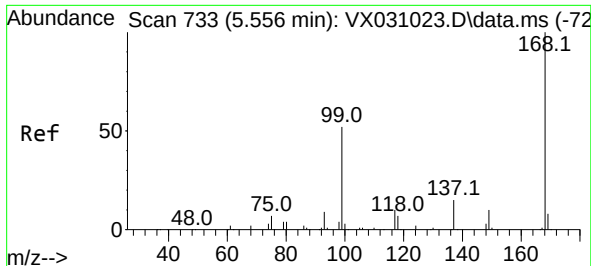
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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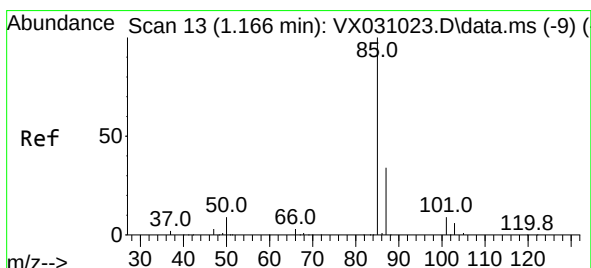
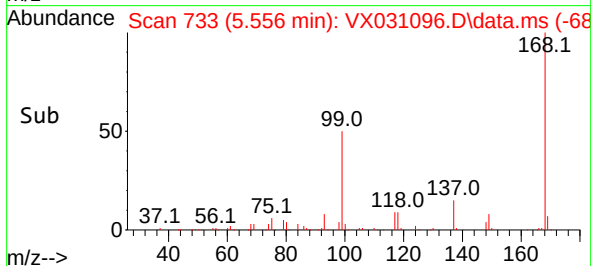
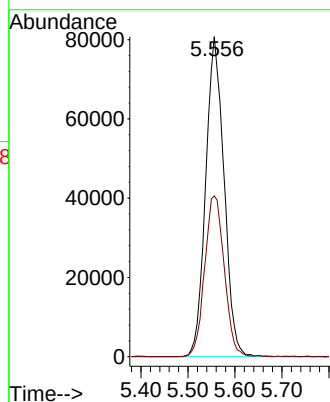
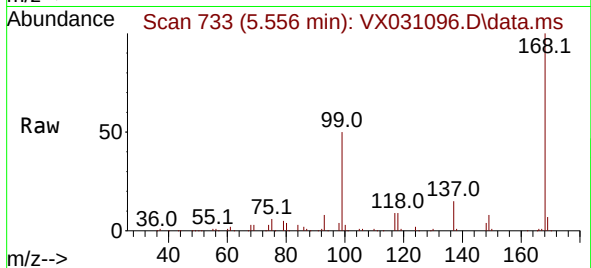




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031096.D
Acq: 03 Sep 2022 20:34

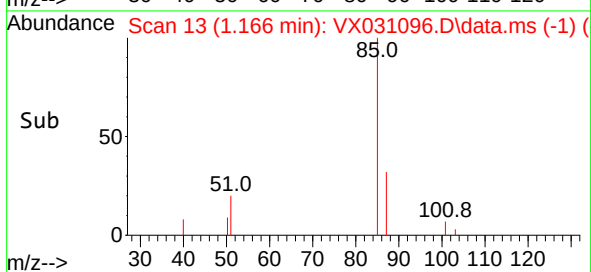
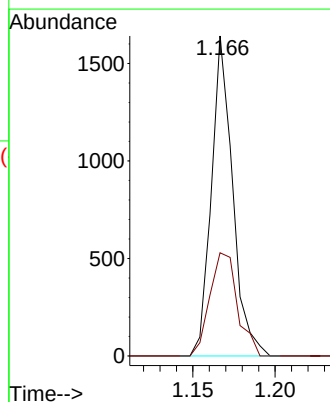
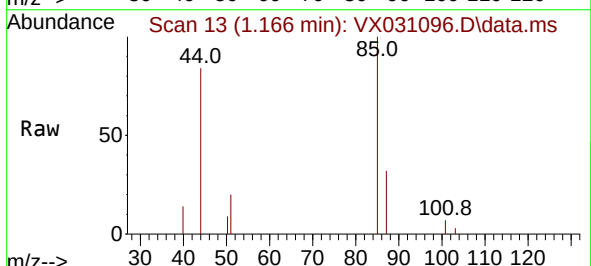
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20220823

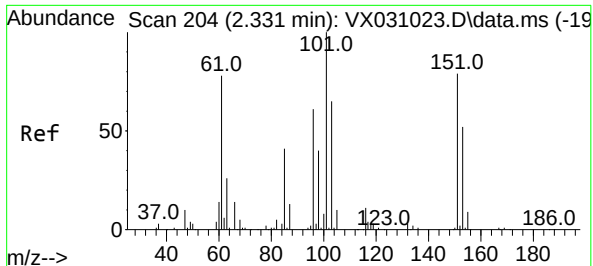
Tgt Ion:168 Resp: 218407
Ion Ratio Lower Upper
168 100
99 50.2 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.654 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031096.D
Acq: 03 Sep 2022 20:34

Tgt Ion: 85 Resp: 1469
Ion Ratio Lower Upper
85 100
87 32.2 16.5 49.5

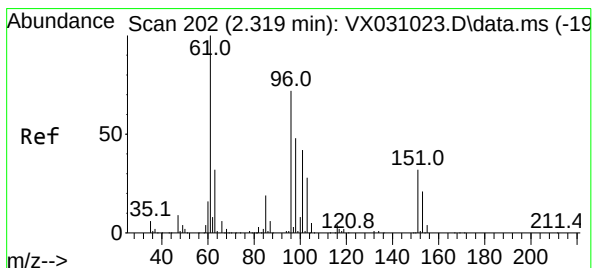
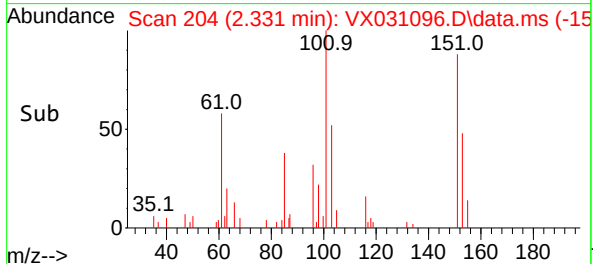
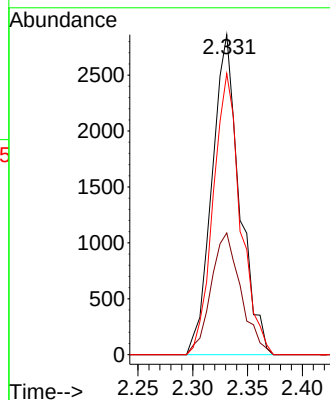
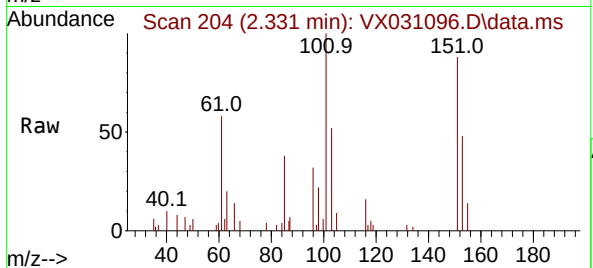




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.911 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031096.D
Acq: 03 Sep 2022 20:34

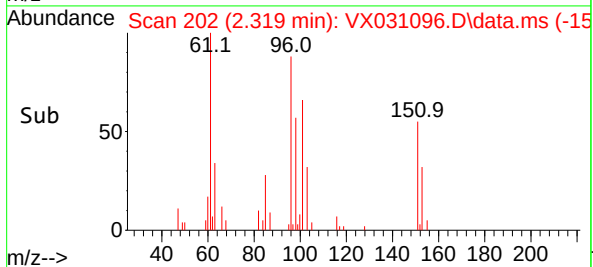
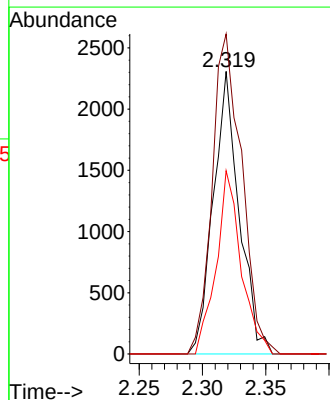
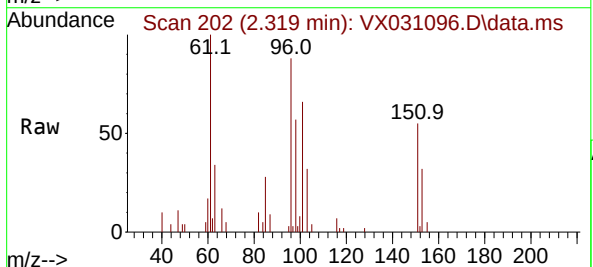
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20220823

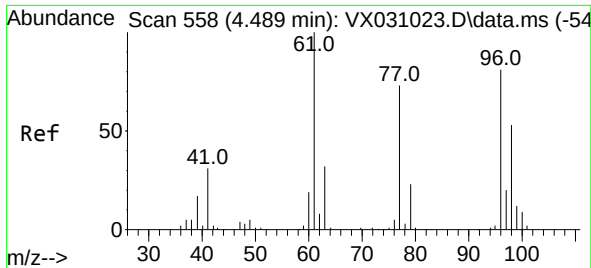
Tgt Ion: 101 Resp: 5021
Ion Ratio Lower Upper
101 100
85 41.0 34.0 51.0
151 87.1 59.4 89.0



#12
1,1-Dichloroethene
Concen: 1.291 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031096.D
Acq: 03 Sep 2022 20:34

Tgt Ion: 96 Resp: 3276
Ion Ratio Lower Upper
96 100
61 113.3 117.4 176.0#
98 64.9 52.2 78.4

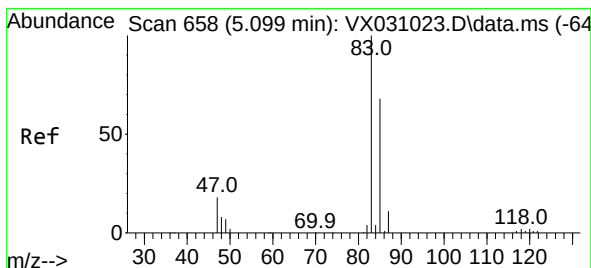
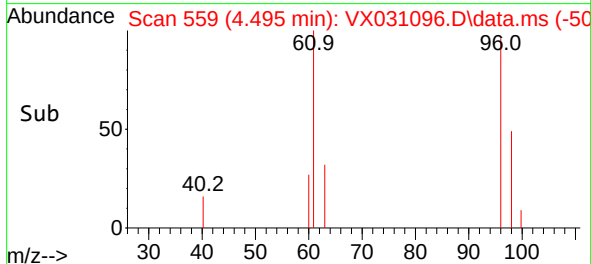
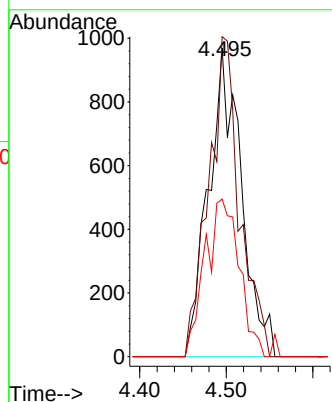
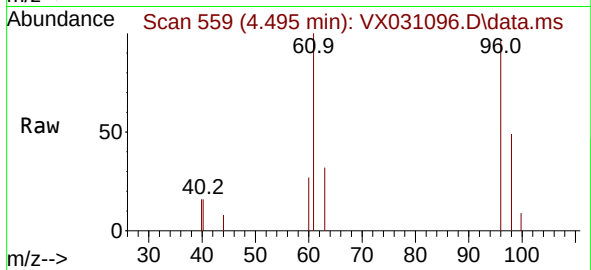




#27
 cis-1,2-Dichloroethene
 Concen: 0.806 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX031096.D
 Acq: 03 Sep 2022 20:34

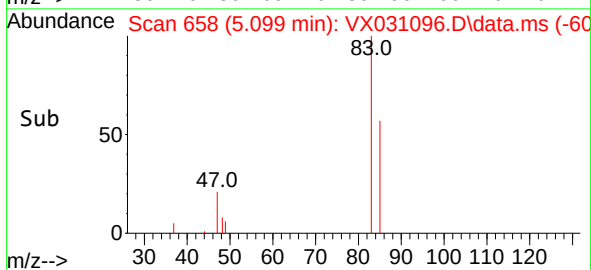
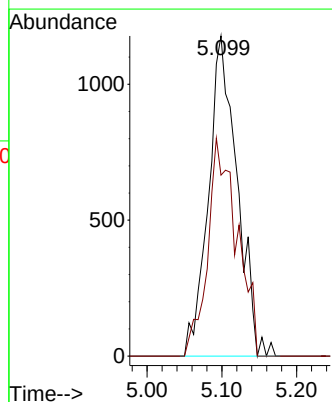
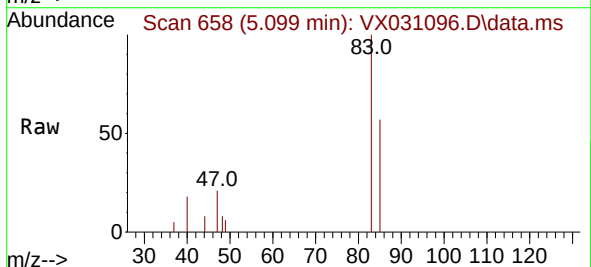
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20220823

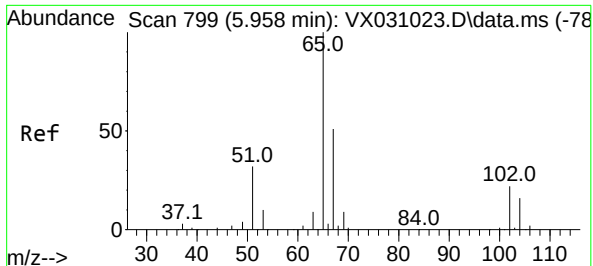
Tgt Ion: 96 Resp: 2550
 Ion Ratio Lower Upper
 96 100
 61 97.6 0.0 270.0
 98 53.4 0.0 127.8



#30
 Chloroform
 Concen: 0.626 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: VX031096.D
 Acq: 03 Sep 2022 20:34

Tgt Ion: 83 Resp: 3139
 Ion Ratio Lower Upper
 83 100
 85 56.5 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 48.690 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031096.D

Acq: 03 Sep 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

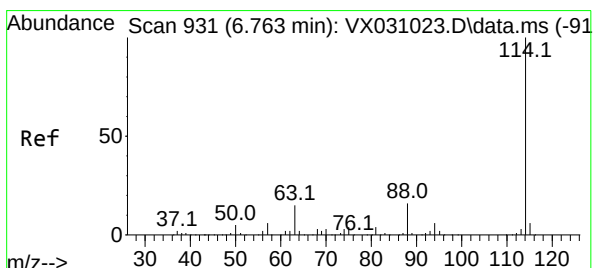
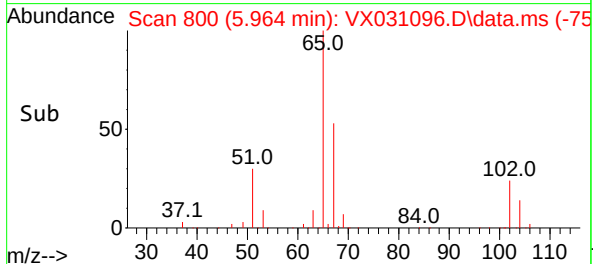
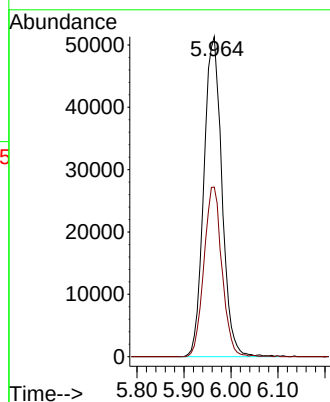
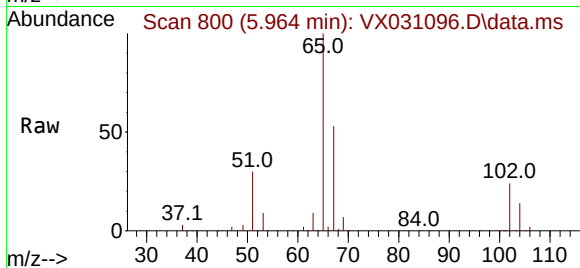
TT180D1-20220823

Tgt Ion: 65 Resp: 136831

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031096.D

Acq: 03 Sep 2022 20:34

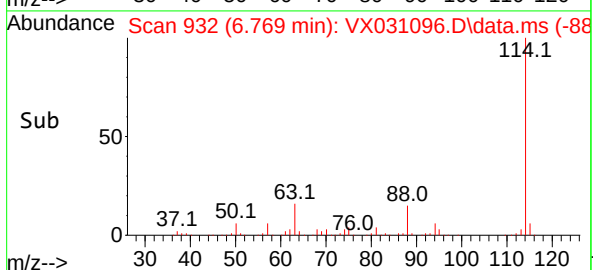
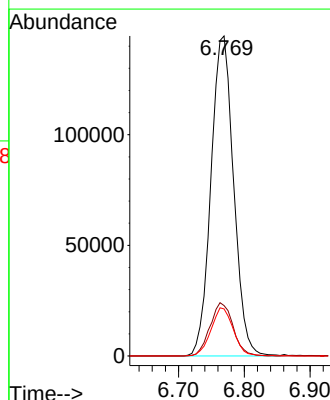
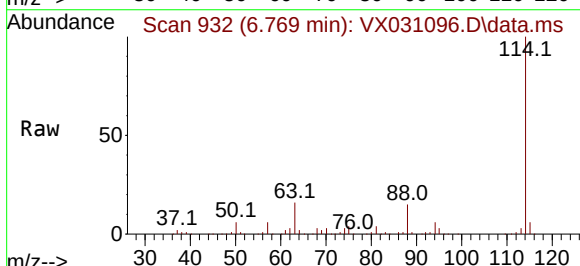
Tgt Ion: 114 Resp: 346715

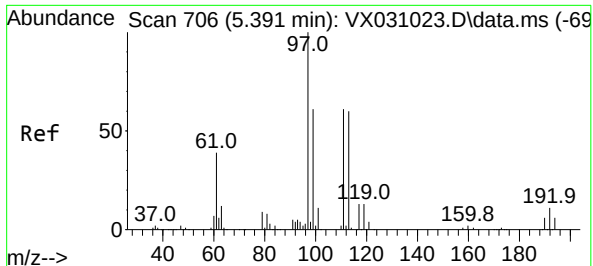
Ion Ratio Lower Upper

114 100

63 15.8 0.0 38.4

88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.376 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX031096.D

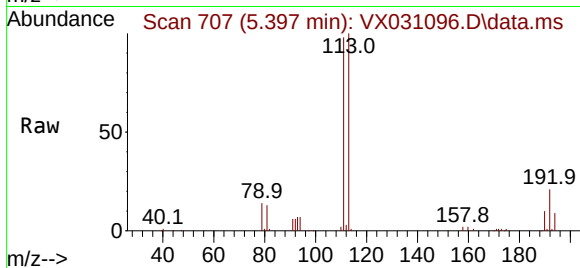
Acq: 03 Sep 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20220823



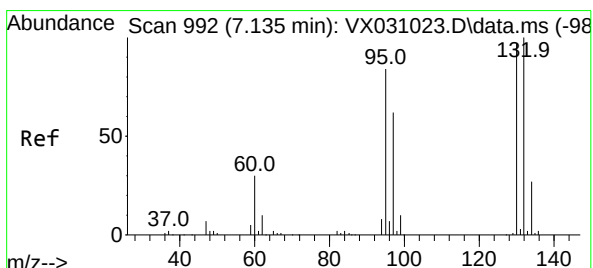
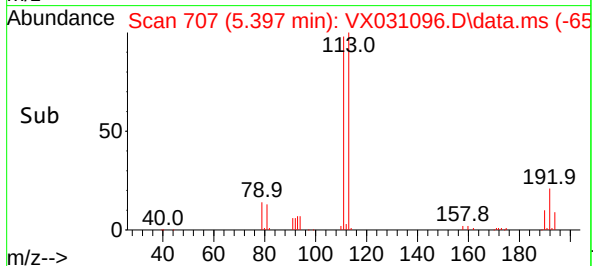
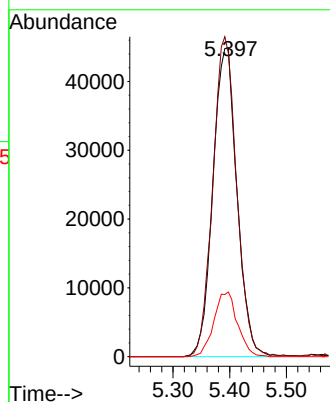
Tgt Ion:113 Resp: 132522

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

192 20.5 14.8 22.2



#44

Trichloroethene

Concen: 100.656 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031096.D

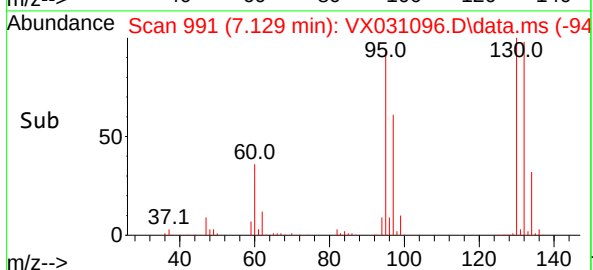
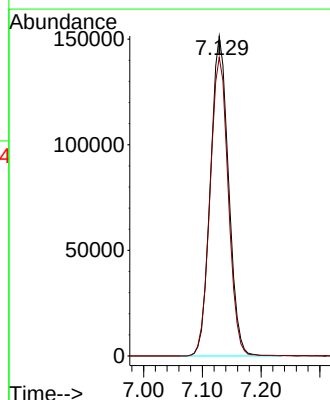
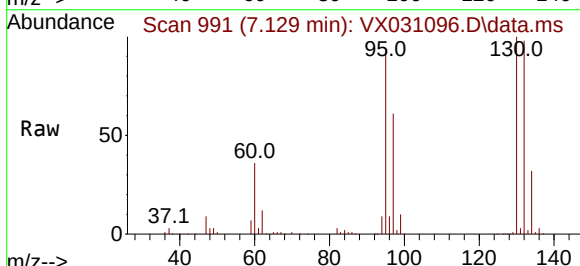
Acq: 03 Sep 2022 20:34

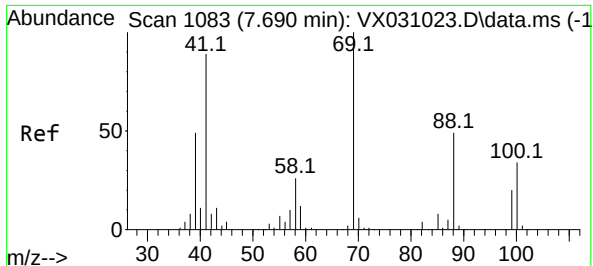
Tgt Ion:130 Resp: 324175

Ion Ratio Lower Upper

130 100

95 93.4 0.0 194.8





#49

1,4-Dioxane

Concen: 8.796 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.019 min

Lab File: VX031096.D

Acq: 03 Sep 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20220823

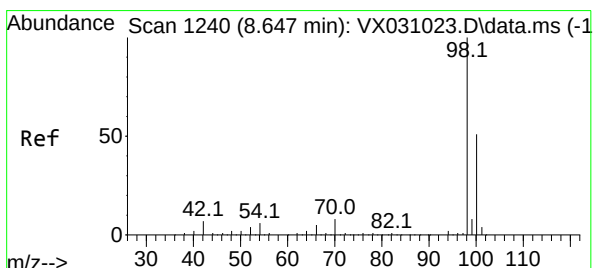
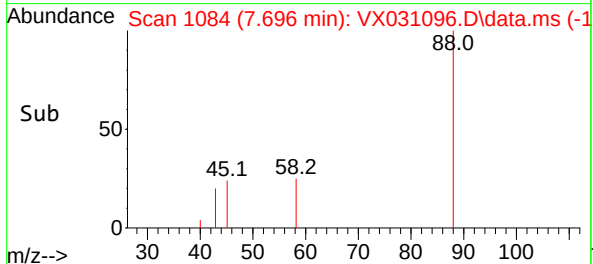
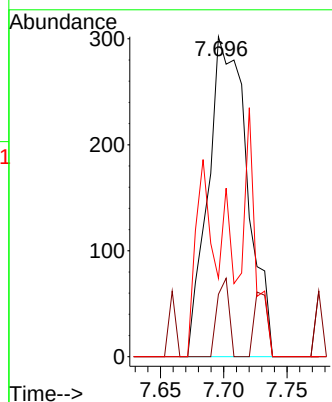
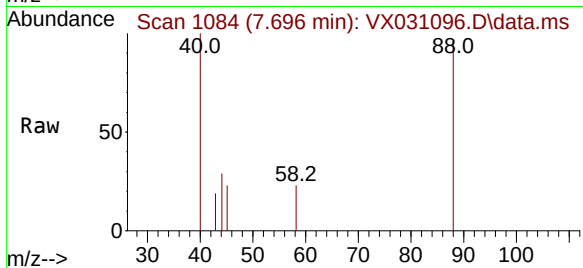
Tgt Ion: 88 Resp: 650

Ion Ratio Lower Upper

88 100

43 7.5 23.8 35.8#

58 27.4 53.8 80.6#



#50

Toluene-d8

Concen: 49.584 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031096.D

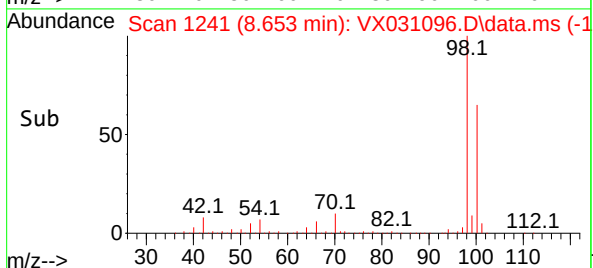
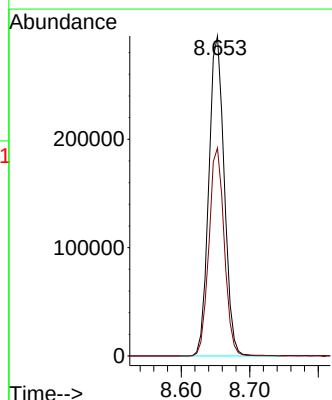
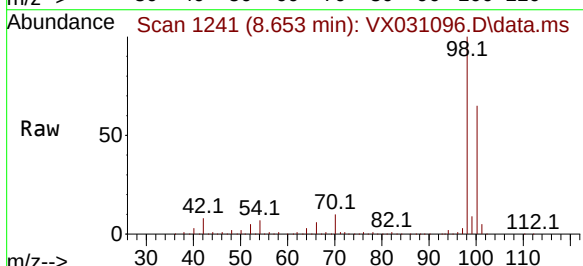
Acq: 03 Sep 2022 20:34

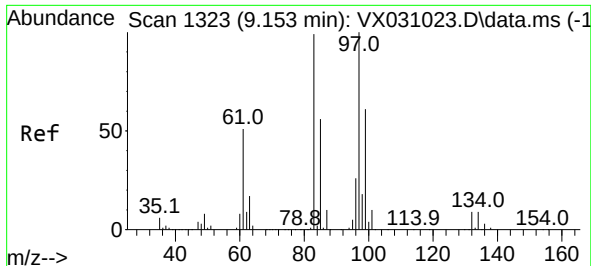
Tgt Ion: 98 Resp: 461728

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5





#55

1,1,2-Trichloroethane

Concen: 0.600 ug/l

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031096.D

Acq: 03 Sep 2022 20:34

Instrument :

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Tgt Ion: 97 Resp: 1682

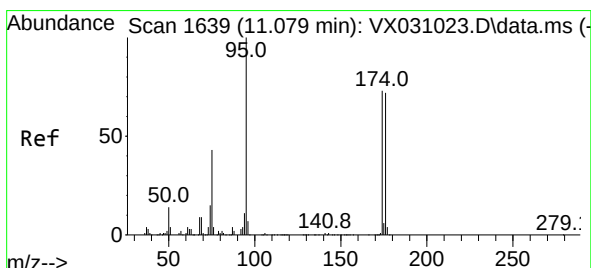
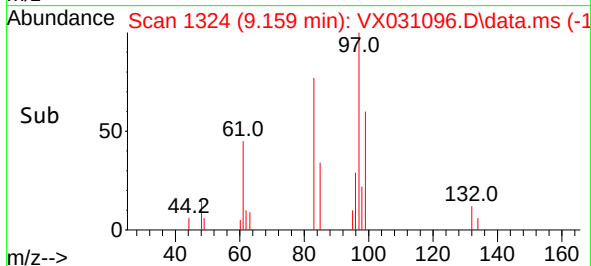
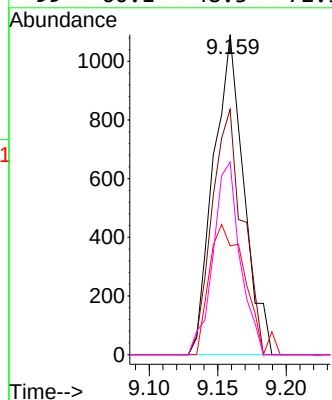
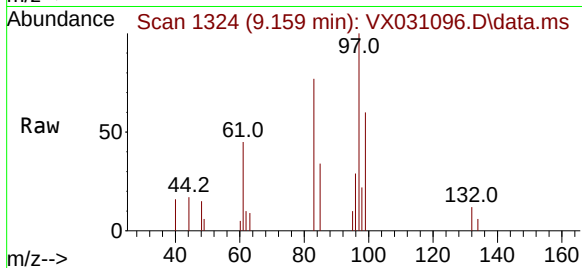
Ion Ratio Lower Upper

97 100

83 76.6 68.9 103.3

85 34.0 44.0 66.0#

99 60.1 48.3 72.5



#62

4-Bromofluorobenzene

Concen: 48.951 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX031096.D

Acq: 03 Sep 2022 20:34

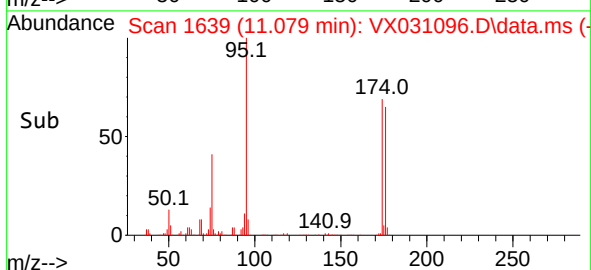
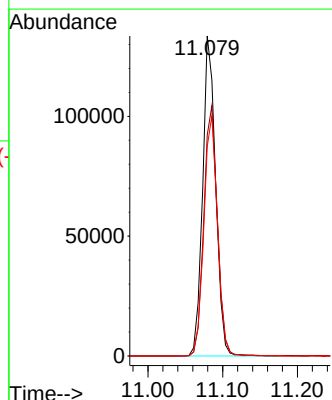
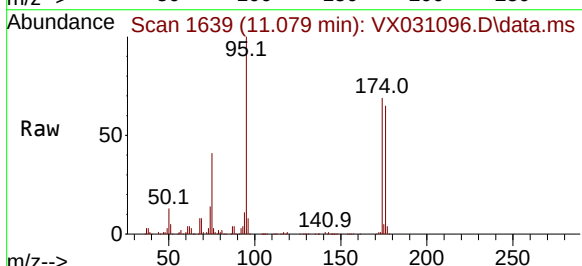
Tgt Ion: 95 Resp: 161000

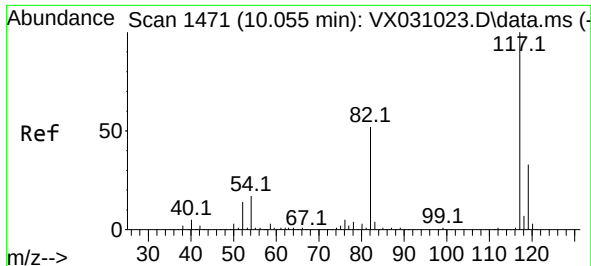
Ion Ratio Lower Upper

95 100

174 81.9 0.0 149.0

176 79.1 0.0 146.0

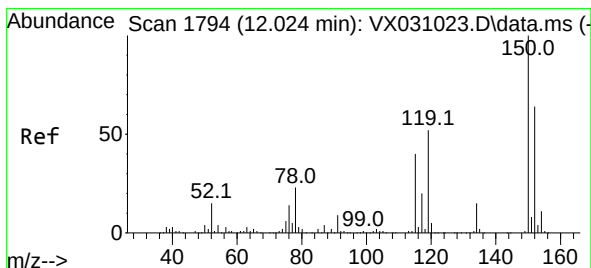
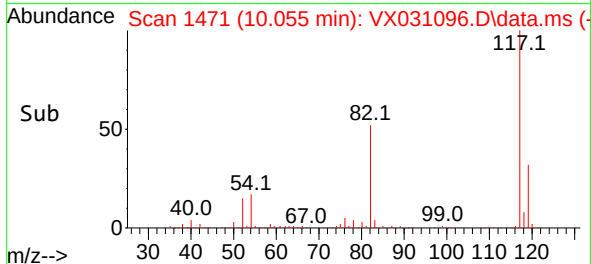
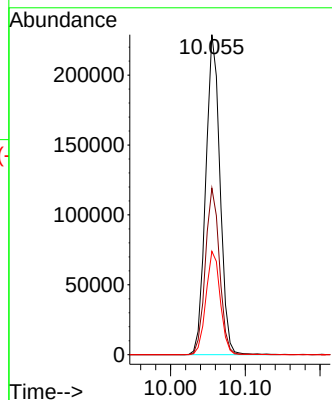
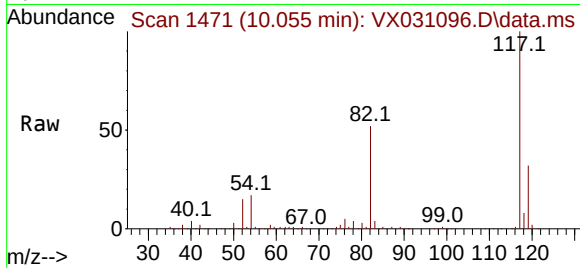




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031096.D
Acq: 03 Sep 2022 20:34

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20220823

Tgt Ion:117 Resp: 302706
Ion Ratio Lower Upper
117 100
82 52.0 42.7 64.1
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031096.D
Acq: 03 Sep 2022 20:34

Tgt Ion:152 Resp: 128398
Ion Ratio Lower Upper
152 100
115 56.5 40.5 121.5
150 152.5 0.0 347.0

