

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011659.D
 Acq On : 01 Dec 2022 13:52
 Operator : KP/MD
 Sample : N5807-09
 Misc : 3.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-2

Quant Time: Dec 02 03:20:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

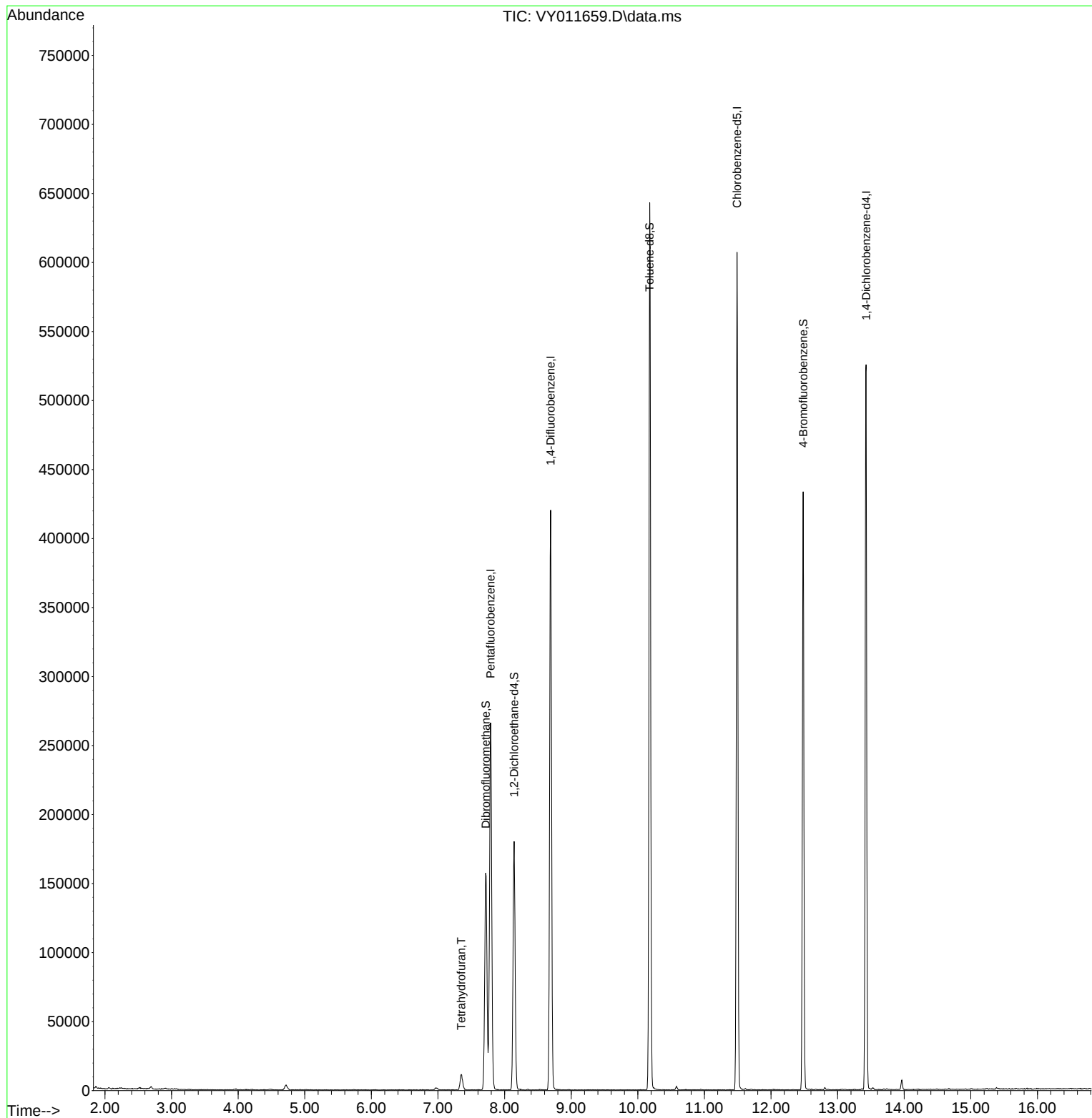
Internal Standards						
1) Pentafluorobenzene	7.789	168	203770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	356649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	138191	66.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.580%
35) Dibromofluoromethane	7.716	113	111343	50.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.179	98	425047	53.276	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.560%
62) 4-Bromofluorobenzene	12.483	95	128507	43.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.120%
Target Compounds						Qvalue
29) Tetrahydrofuran	7.350	42	9252	18.548	ug/l	92

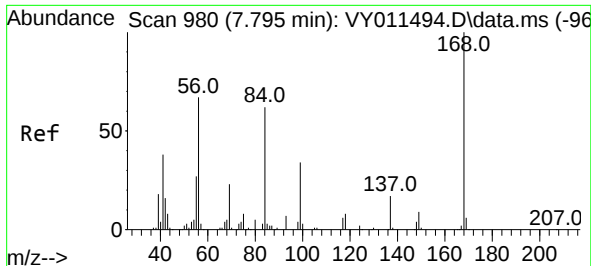
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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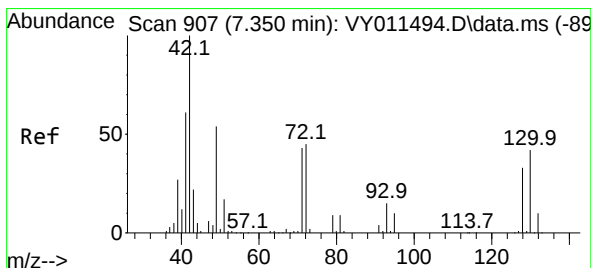
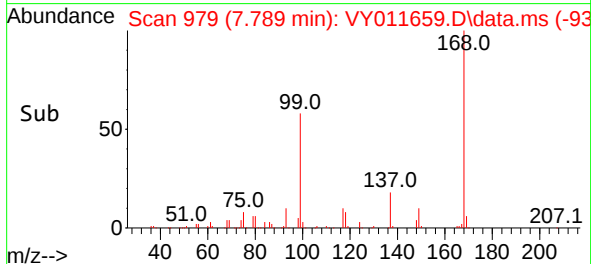
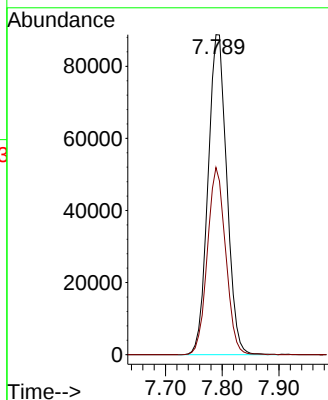
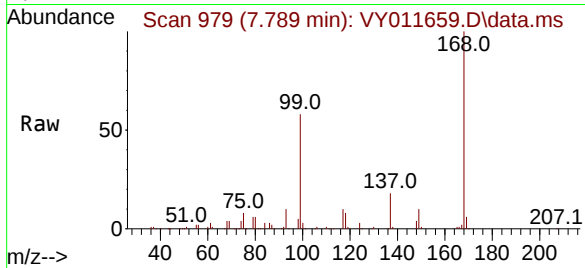




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011659.D
Acq: 01 Dec 2022 13:52

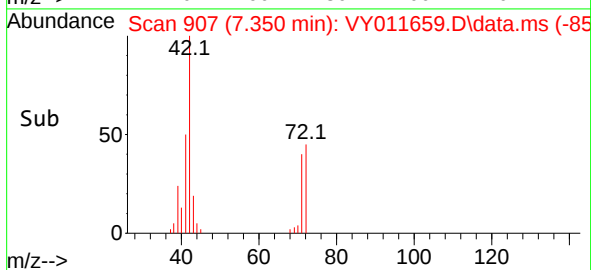
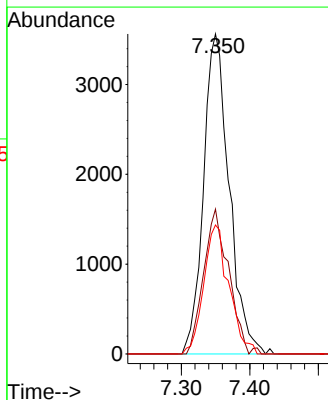
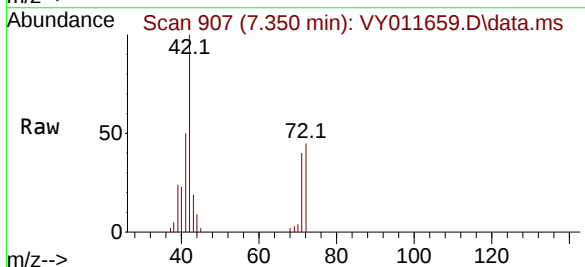
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

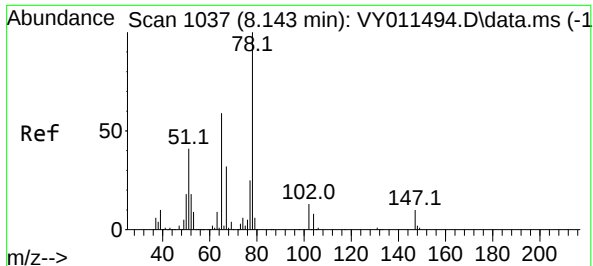
Tgt Ion:168 Resp: 203770
Ion Ratio Lower Upper
168 100
99 58.5 46.9 70.3



#29
Tetrahydrofuran
Concen: 18.548 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY011659.D
Acq: 01 Dec 2022 13:52

Tgt Ion: 42 Resp: 9252
Ion Ratio Lower Upper
42 100
72 44.3 30.3 45.5
71 39.6 29.0 43.4





#33

1,2-Dichloroethane-d4

Concen: 66.789 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011659.D

Acq: 01 Dec 2022 13:52

Instrument :

MSVOA_Y

ClientSampleId :

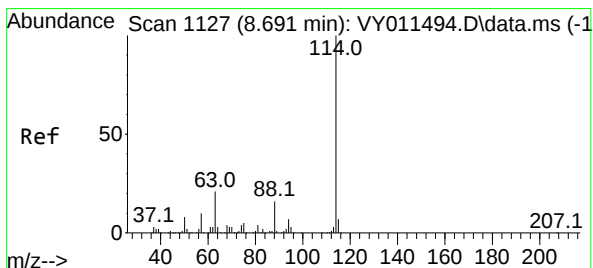
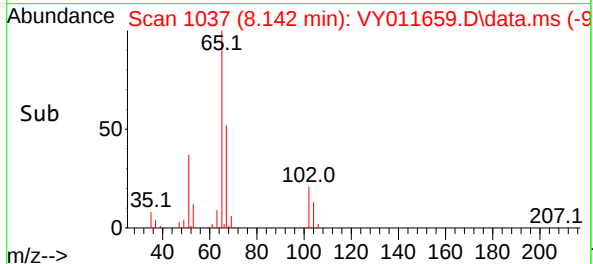
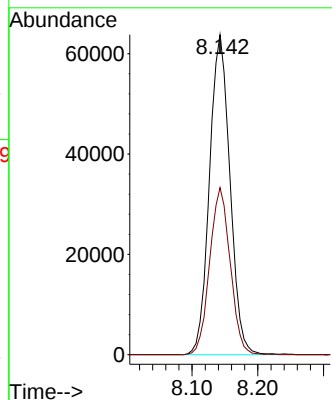
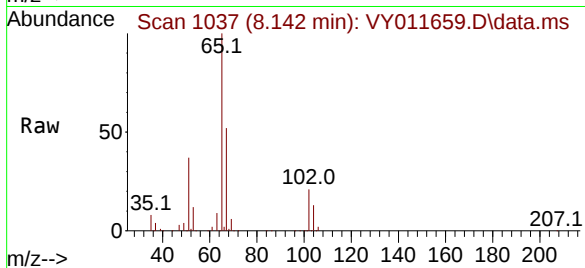
TOTAL-VOC-2

Tgt Ion: 65 Resp: 138191

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011659.D

Acq: 01 Dec 2022 13:52

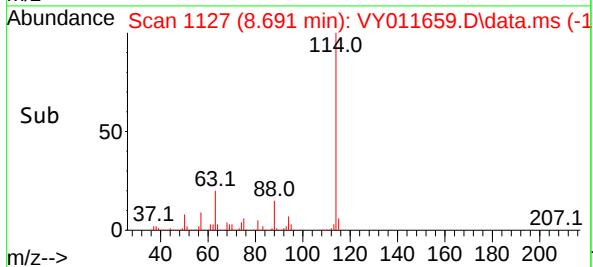
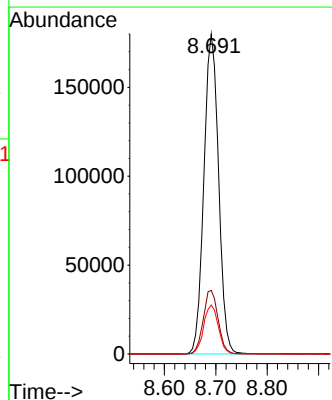
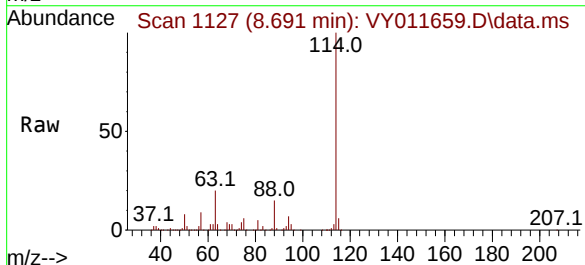
Tgt Ion: 114 Resp: 356649

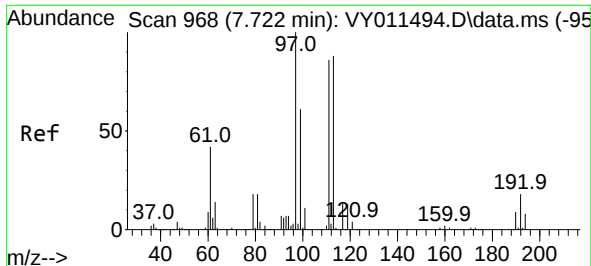
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.3 0.0 31.8

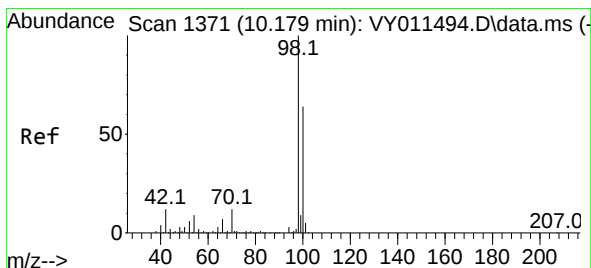
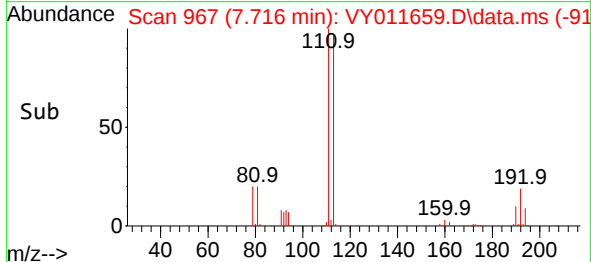
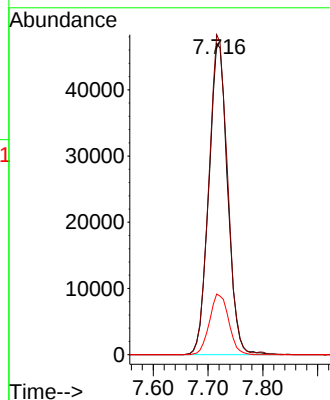
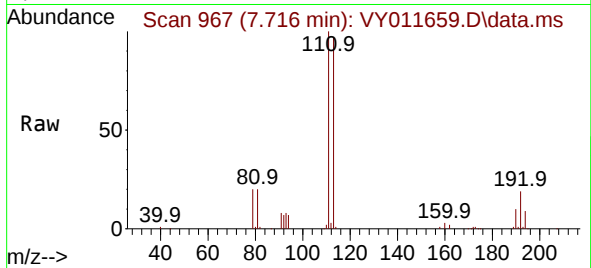




#35
Dibromofluoromethane
Concen: 50.714 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011659.D
Acq: 01 Dec 2022 13:52

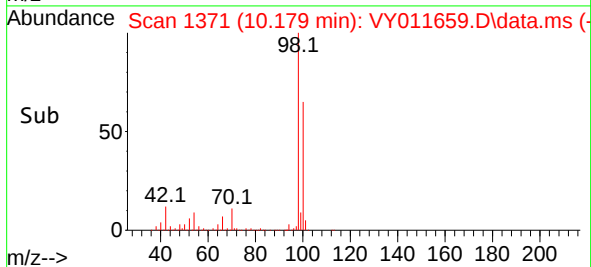
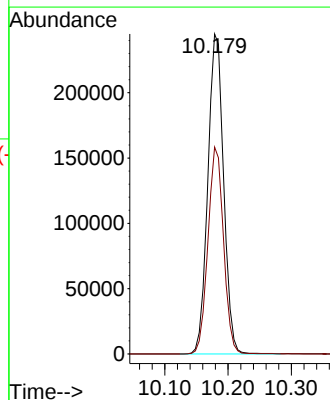
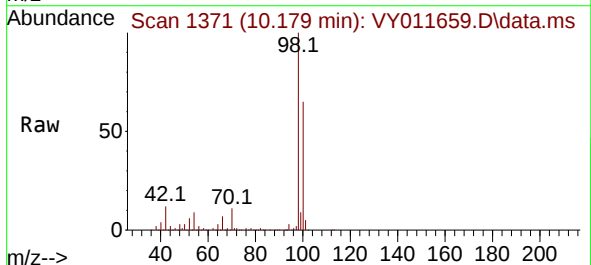
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

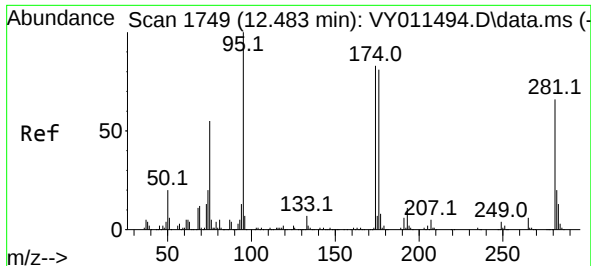
Tgt Ion:113 Resp: 111343
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.9 17.6 26.4



#50
Toluene-d8
Concen: 53.276 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011659.D
Acq: 01 Dec 2022 13:52

Tgt Ion: 98 Resp: 425047
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

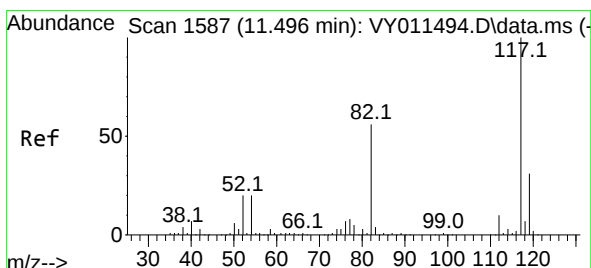
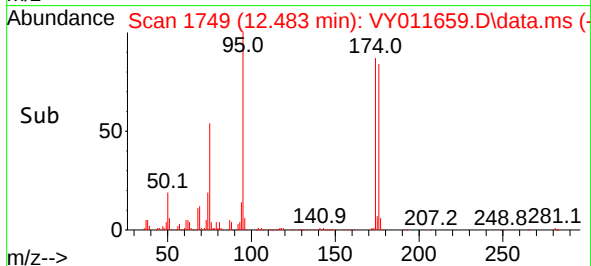
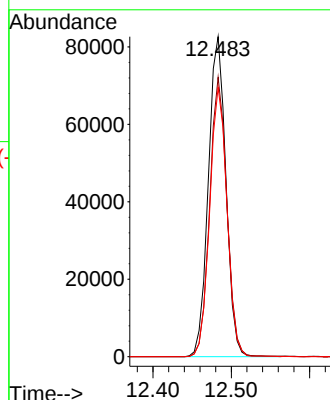
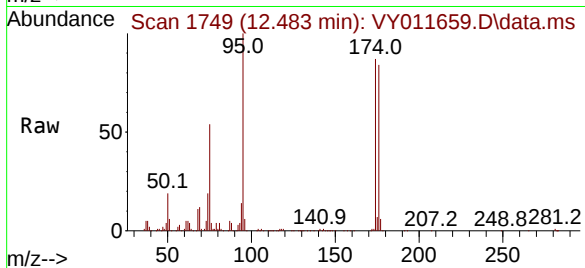




#62
4-Bromofluorobenzene
Concen: 43.565 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011659.D
Acq: 01 Dec 2022 13:52

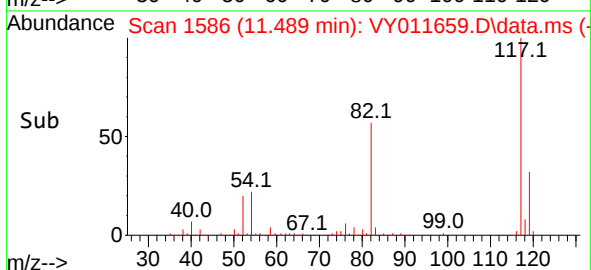
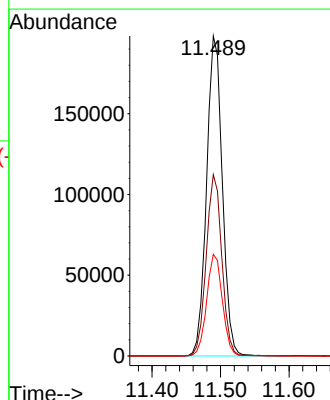
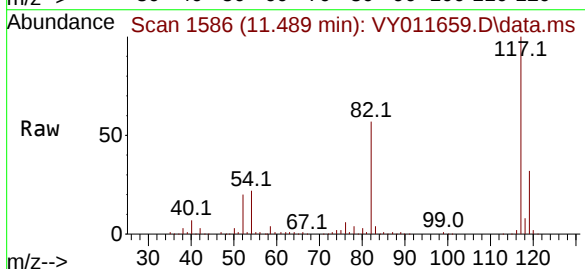
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

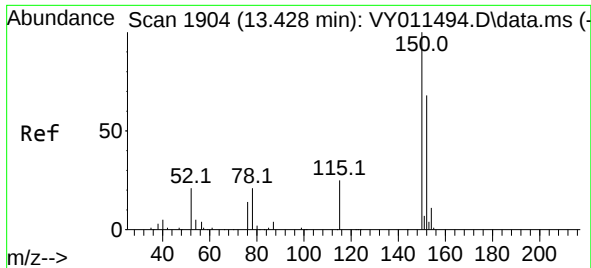
Tgt Ion: 95 Resp: 128507
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011659.D
Acq: 01 Dec 2022 13:52

Tgt Ion: 117 Resp: 317409
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011659.D

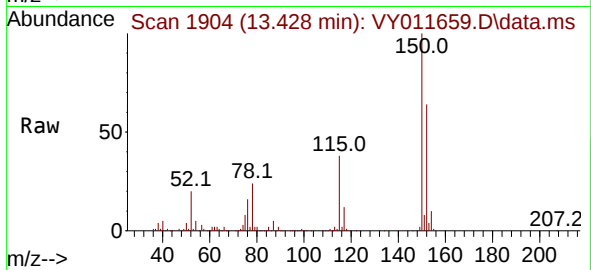
Acq: 01 Dec 2022 13:52

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-2



Tgt Ion:152 Resp: 135675

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 156.2 0.0 347.6

