

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012563.D
 Acq On : 09 Feb 2023 13:58
 Operator : KP/MD
 Sample : 01504-06
 Misc : 10.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1

Quant Time: Feb 10 05:58:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

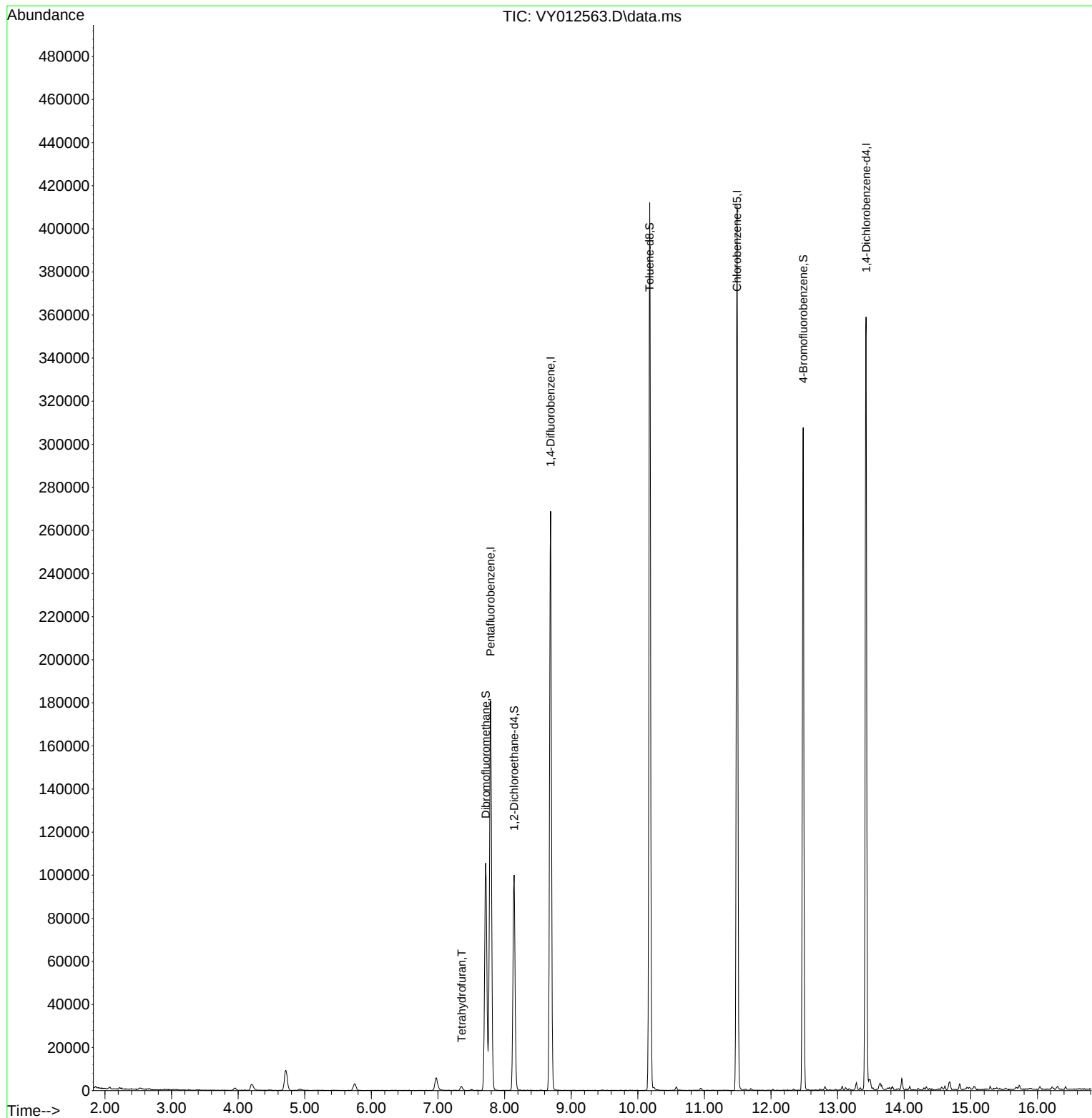
Internal Standards						
1) Pentafluorobenzene	7.789	168	142713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84372	46.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.980%
35) Dibromofluoromethane	7.716	113	71729	41.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.280%
50) Toluene-d8	10.179	98	279885	38.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.140%
62) 4-Bromofluorobenzene	12.483	95	87875	34.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.440%
Target Compounds						
29) Tetrahydrofuran	7.356	42	1261	4.813	ug/l	Qvalue 91

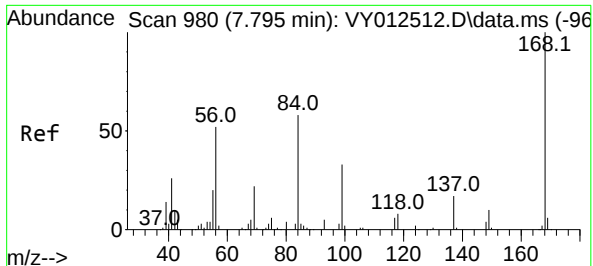
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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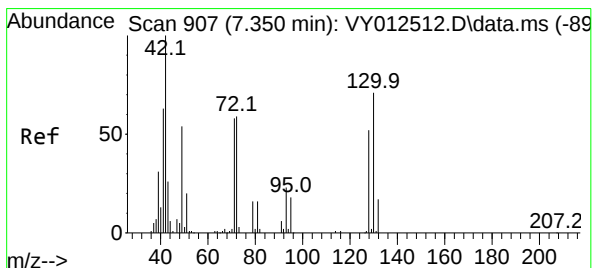
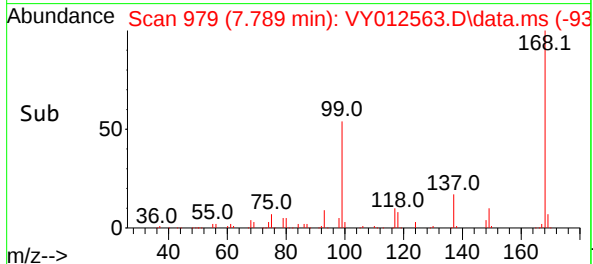
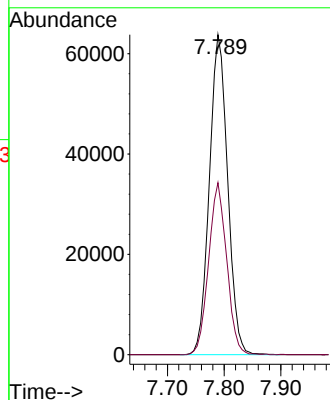
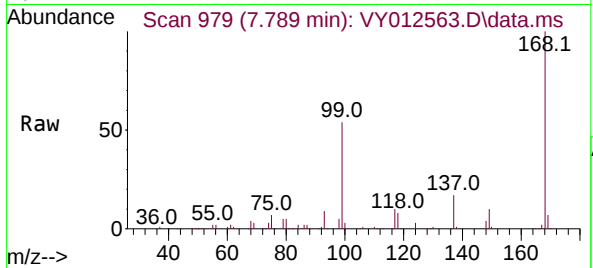




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

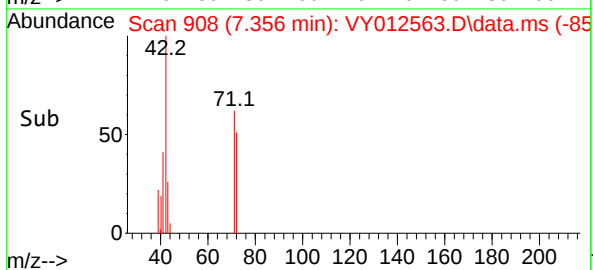
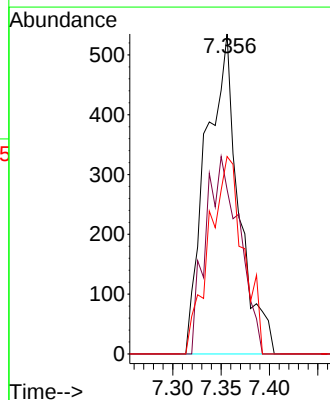
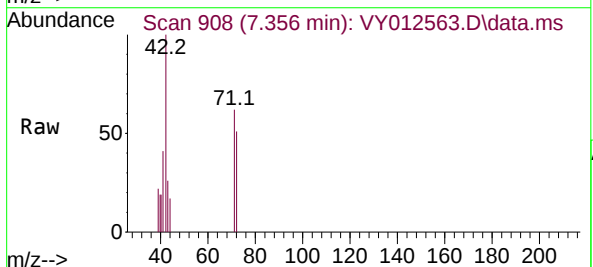
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

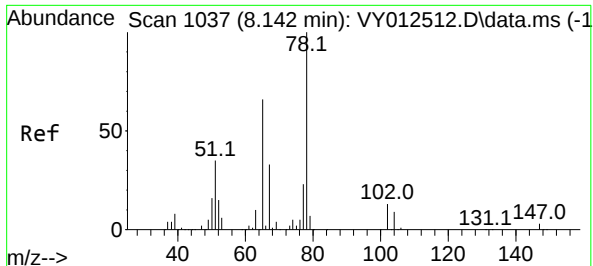
Tgt Ion:168 Resp: 142713
Ion Ratio Lower Upper
168 100
99 53.8 40.8 61.2



#29
Tetrahydrofuran
Concen: 4.813 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

Tgt Ion: 42 Resp: 1261
Ion Ratio Lower Upper
42 100
72 63.8 47.0 70.6
71 63.8 44.6 66.8





#33

1,2-Dichloroethane-d4

Concen: 46.492 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY012563.D

Acq: 09 Feb 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

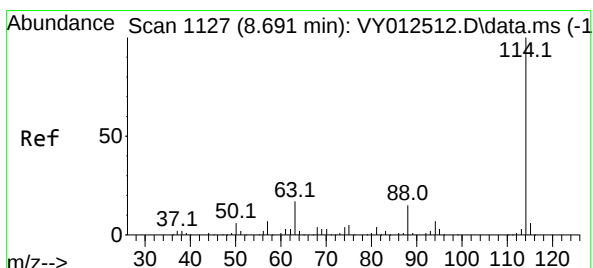
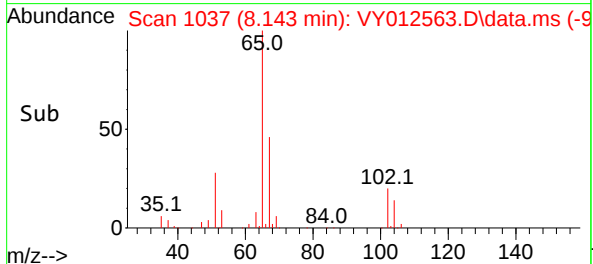
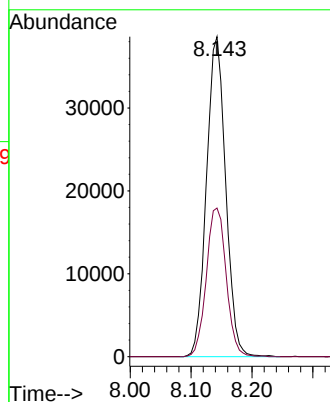
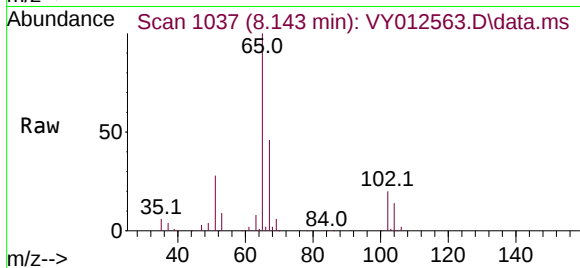
TOTAL-VOC-1

Tgt Ion: 65 Resp: 84372

Ion Ratio Lower Upper

65 100

67 48.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012563.D

Acq: 09 Feb 2023 13:58

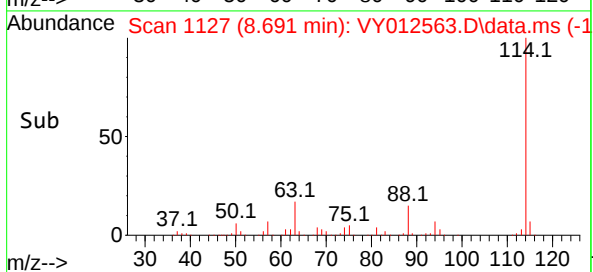
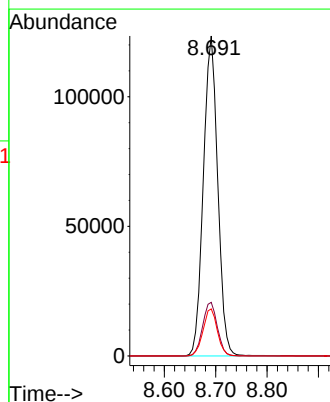
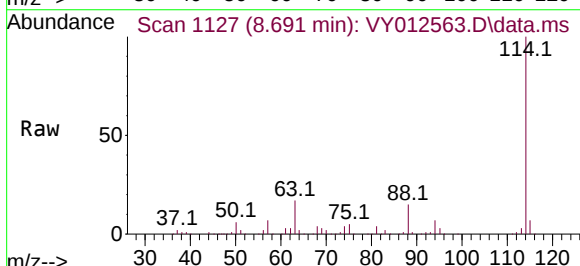
Tgt Ion: 114 Resp: 239412

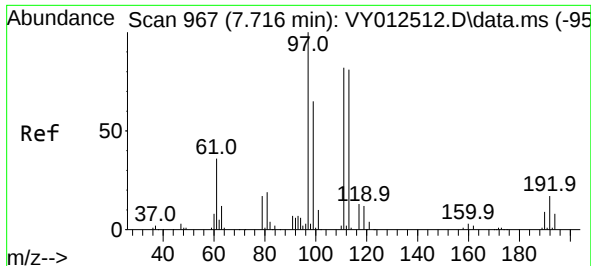
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.6

88 14.7 0.0 29.8

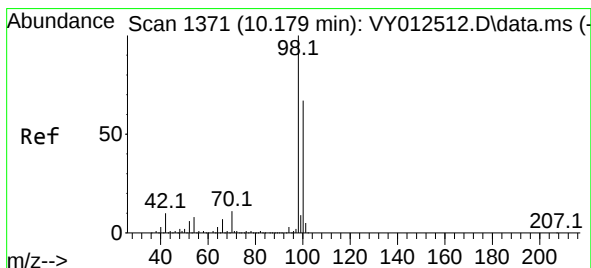
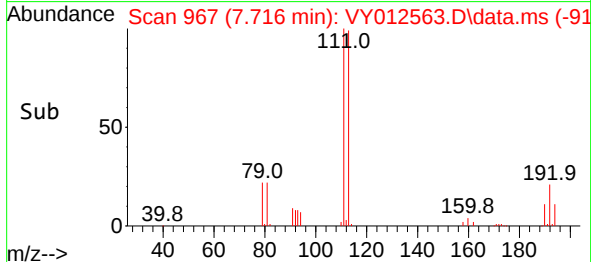
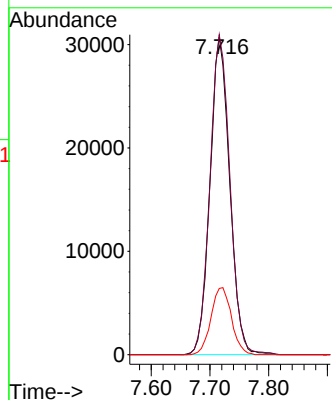
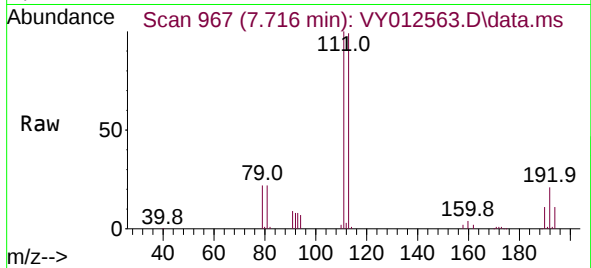




#35
Dibromofluoromethane
Concen: 41.140 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

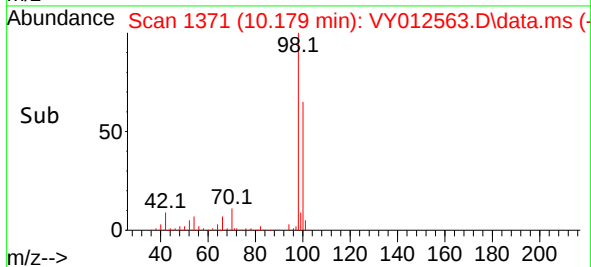
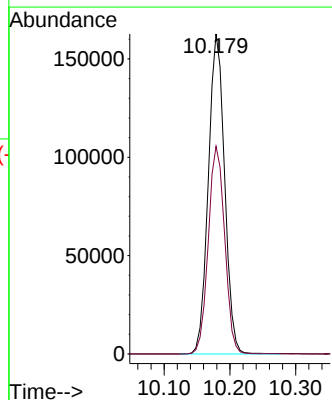
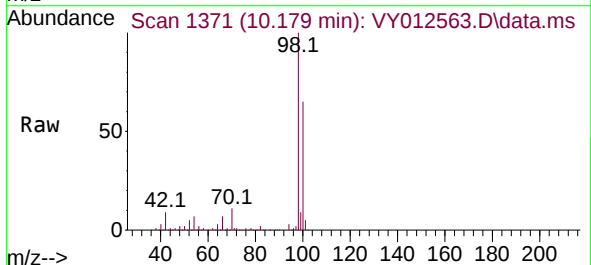
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

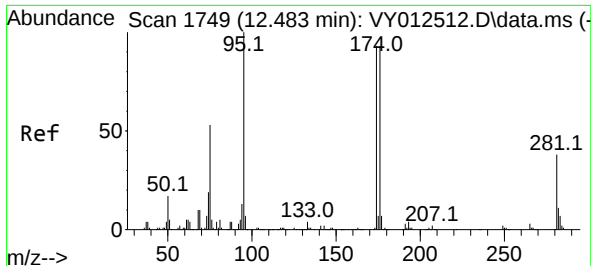
Tgt Ion:113 Resp: 71729
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 21.9 17.5 26.3



#50
Toluene-d8
Concen: 38.567 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

Tgt Ion: 98 Resp: 279885
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

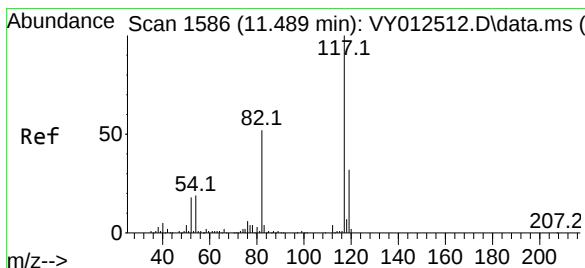
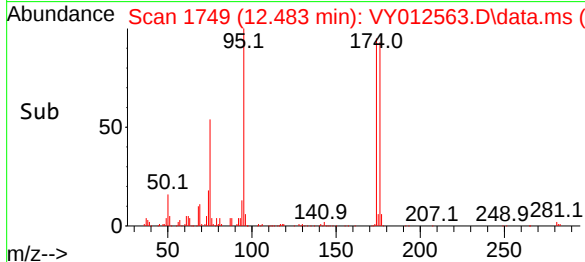
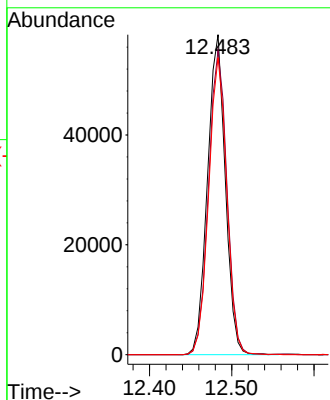
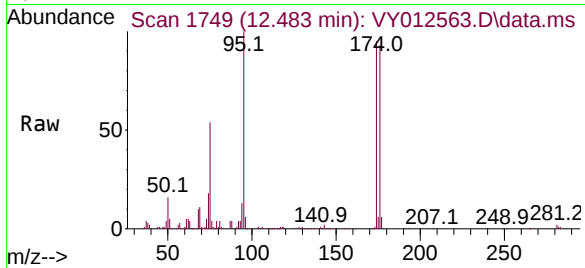




#62
4-Bromofluorobenzene
Concen: 34.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

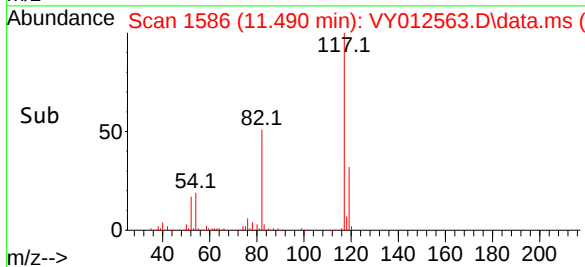
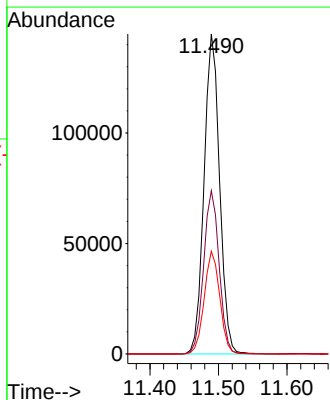
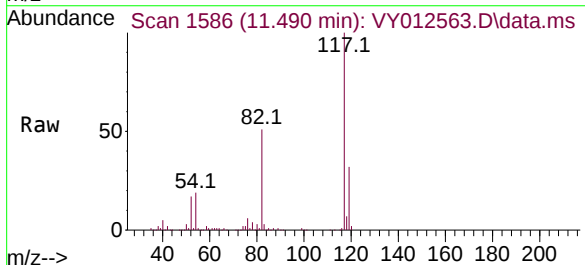
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

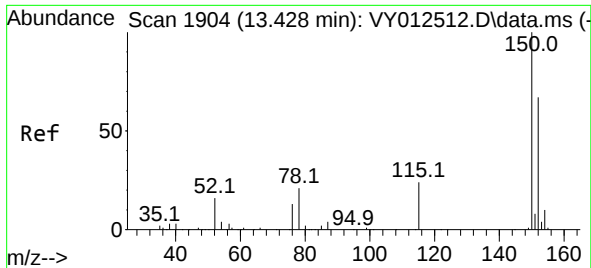
Tgt Ion: 95 Resp: 87875
Ion Ratio Lower Upper
95 100
174 98.1 0.0 188.0
176 94.2 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

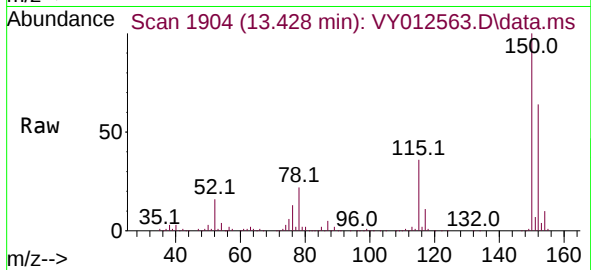
Tgt Ion: 117 Resp: 228720
Ion Ratio Lower Upper
117 100
82 51.0 41.7 62.5
119 32.1 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012563.D
 Acq: 09 Feb 2023 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1



Tgt Ion:152 Resp: 99180
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.1 84.3
 150 157.7 0.0 351.0

