

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012558.D
 Acq On : 09 Feb 2023 11:49
 Operator : KP/MD
 Sample : 01462-20
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-20

Quant Time: Feb 09 16:40:23 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)

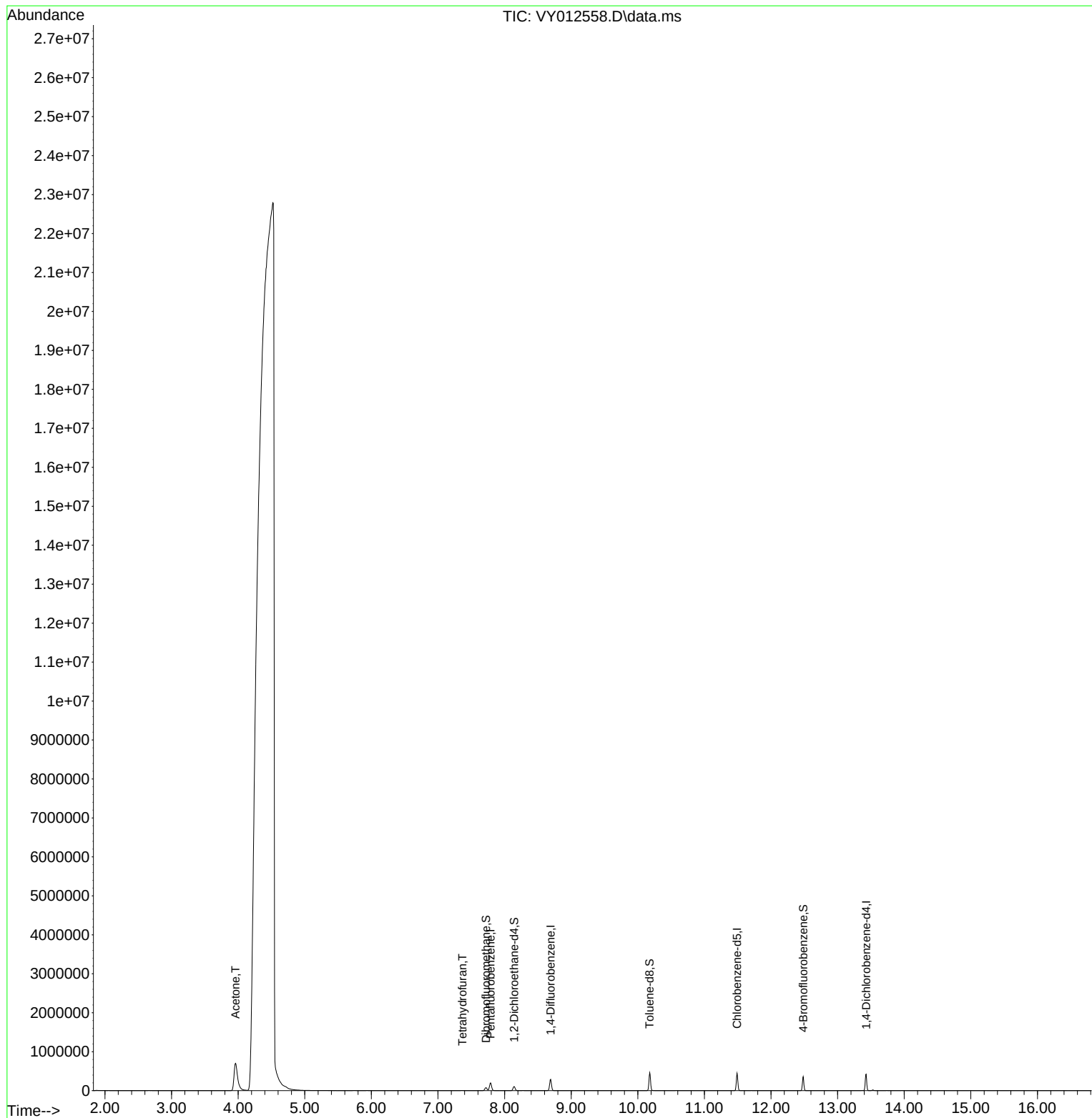
Internal Standards						
1) Pentafluorobenzene	7.789	168	158775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88688	43.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.860%
35) Dibromofluoromethane	7.722	113	53923	28.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	57.260%
50) Toluene-d8	10.179	98	307328	39.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.400%
62) 4-Bromofluorobenzene	12.483	95	101399	37.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.160%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1696940	3492.029	ug/l	98
29) Tetrahydrofuran	7.368	42	2401	8.237	ug/l	95

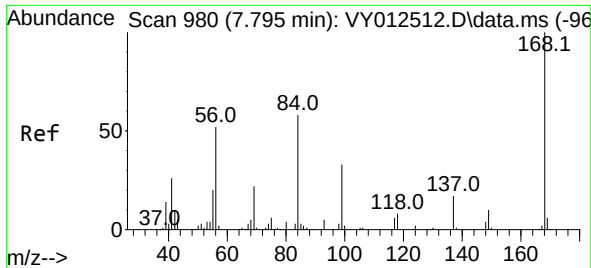
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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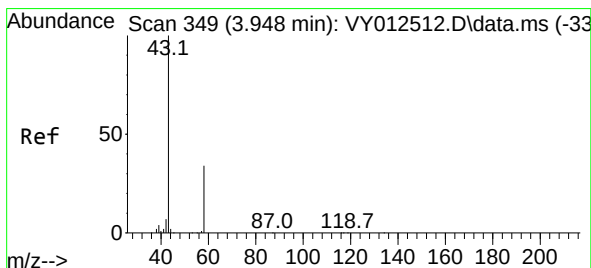
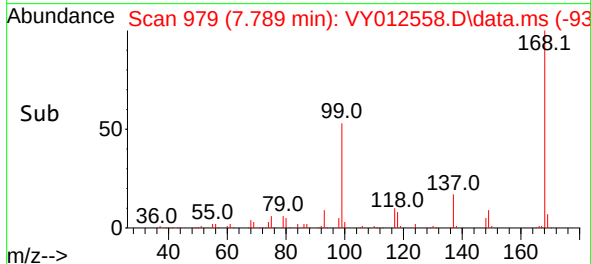
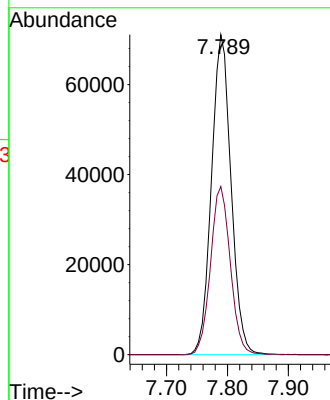
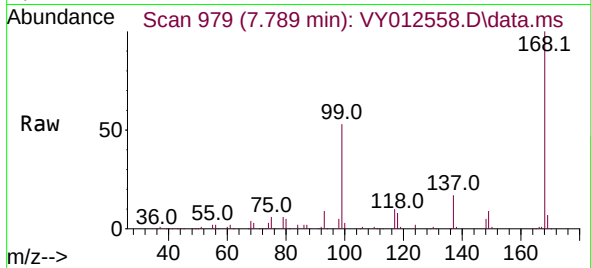




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012558.D
Acq: 09 Feb 2023 11:49

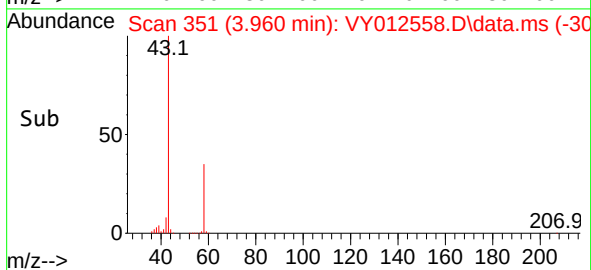
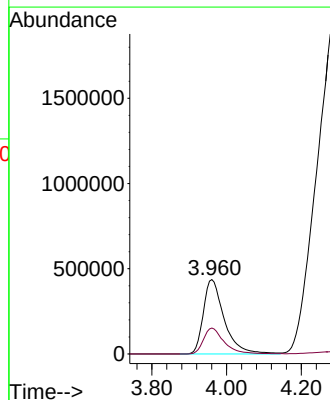
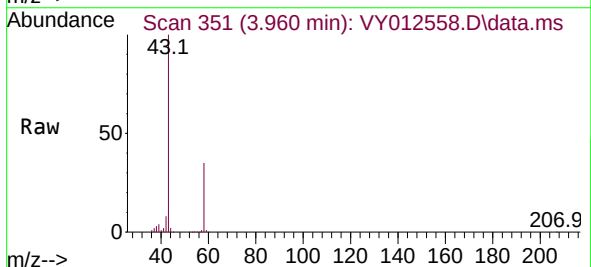
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-20

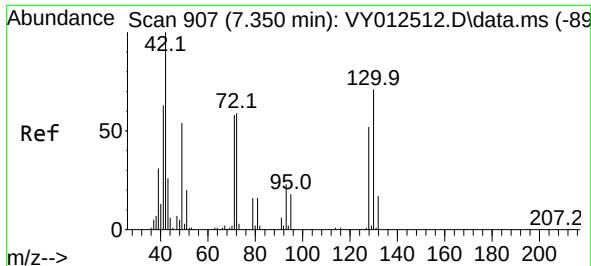
Tgt Ion:168 Resp: 158775
Ion Ratio Lower Upper
168 100
99 52.5 40.8 61.2



#16
Acetone
Concen: 3492.029 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY012558.D
Acq: 09 Feb 2023 11:49

Tgt Ion: 43 Resp: 1696940
Ion Ratio Lower Upper
43 100
58 34.9 27.1 40.7





#29

Tetrahydrofuran

Concen: 8.237 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY012558.D

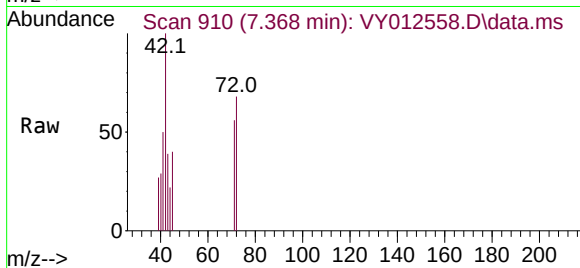
Acq: 09 Feb 2023 11:49

Instrument :

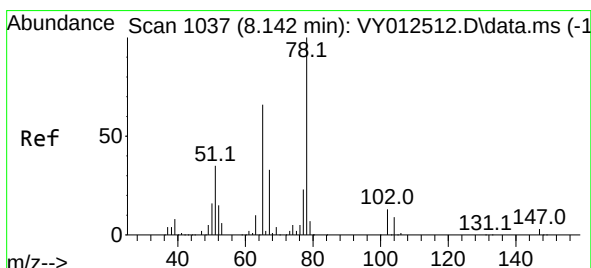
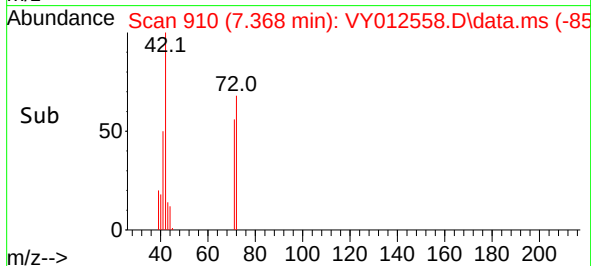
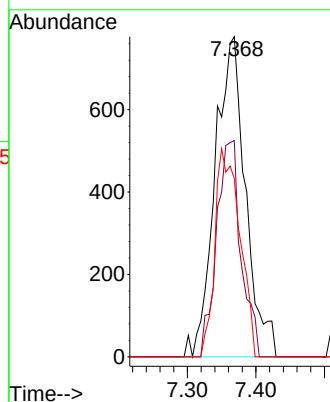
MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-20



Tgt Ion:	42	Resp:	2401
Ion Ratio	Lower	Upper	
42	100		
72	53.9	47.0	70.6
71	52.8	44.6	66.8



#33

1,2-Dichloroethane-d4

Concen: 43.926 ug/l

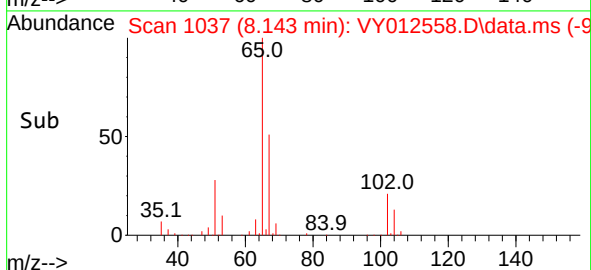
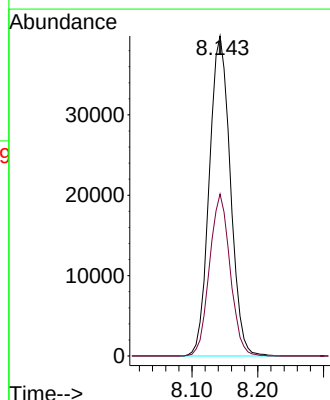
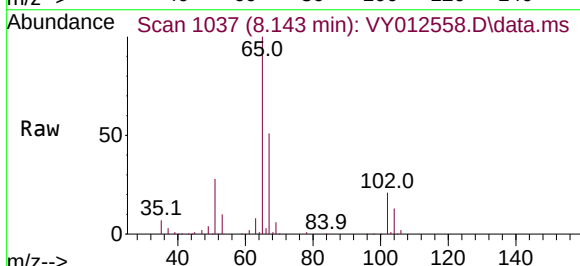
RT: 8.143 min Scan# 1037

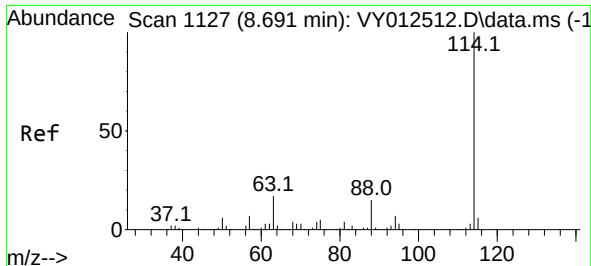
Delta R.T. 0.000 min

Lab File: VY012558.D

Acq: 09 Feb 2023 11:49

Tgt Ion:	65	Resp:	88688
Ion Ratio	Lower	Upper	
65	100		
67	49.5	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: VY012558.D

Acq: 09 Feb 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-20

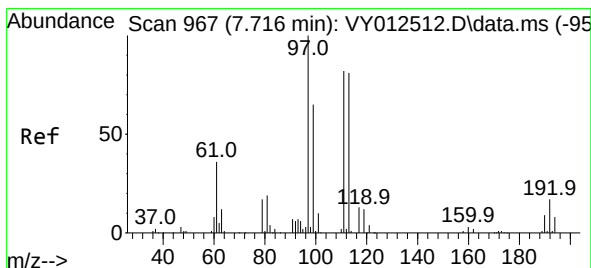
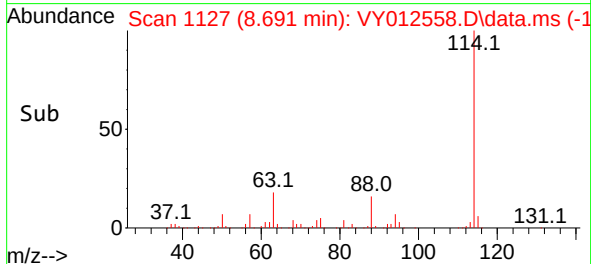
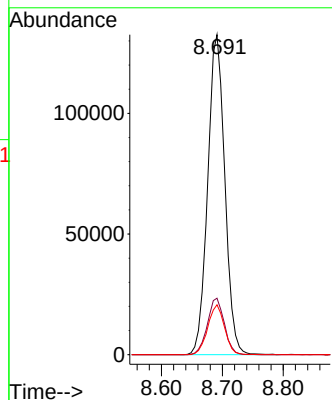
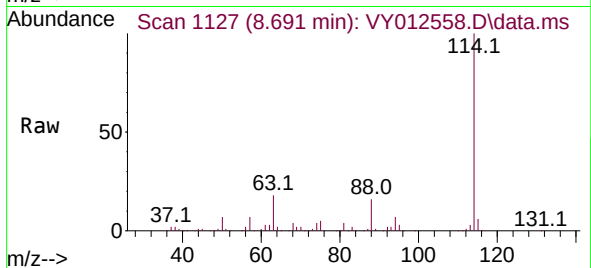
Tgt Ion:114 Resp: 258660

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.6

88 15.6 0.0 29.8



#35

Dibromofluoromethane

Concen: 28.626 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012558.D

Acq: 09 Feb 2023 11:49

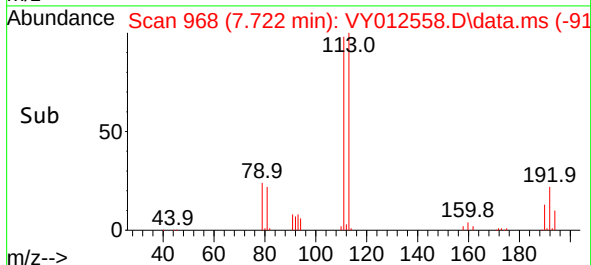
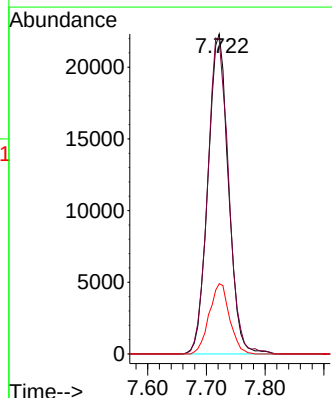
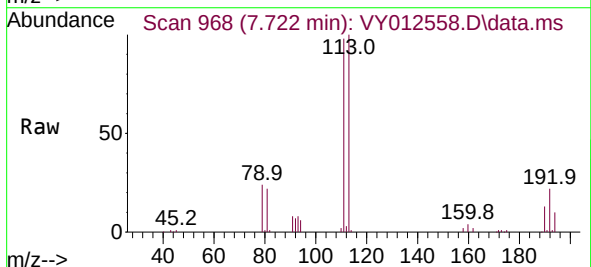
Tgt Ion:113 Resp: 53923

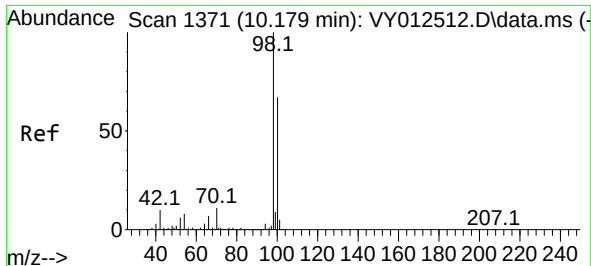
Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 21.8 17.5 26.3

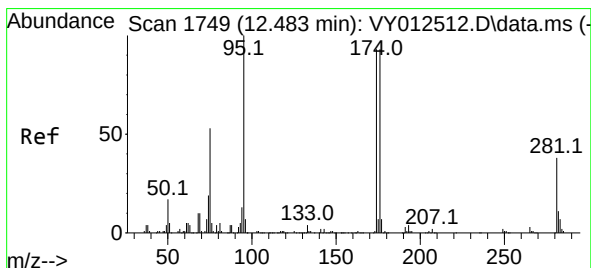
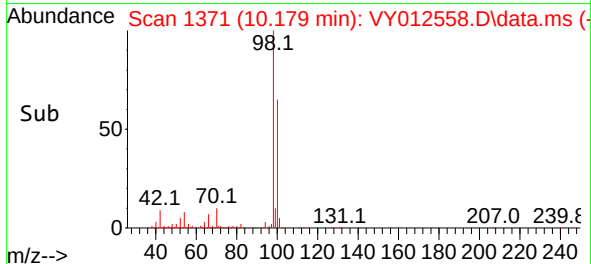
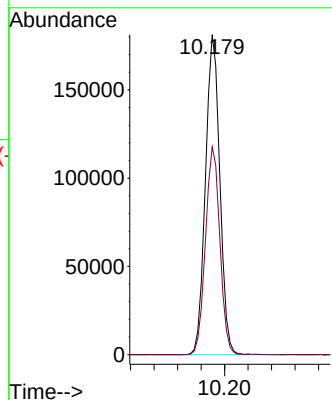
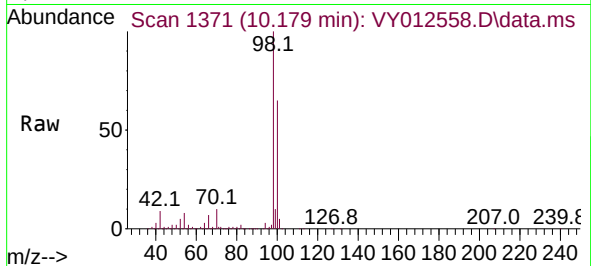




#50
Toluene-d8
Concen: 39.197 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012558.D
Acq: 09 Feb 2023 11:49

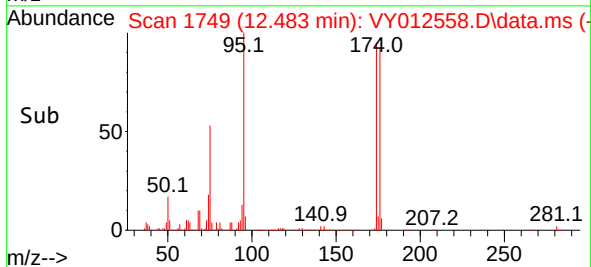
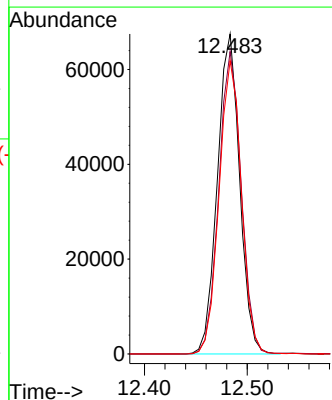
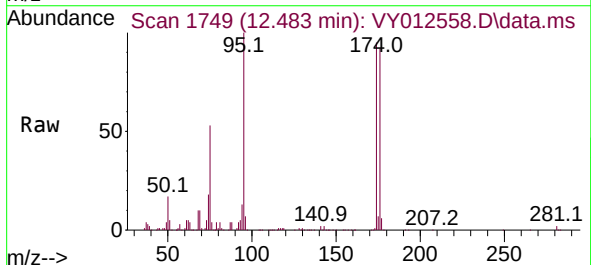
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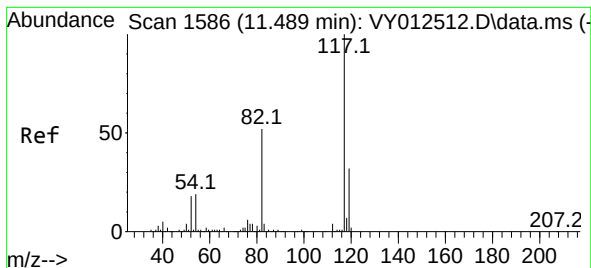
Tgt Ion: 98 Resp: 307328
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012558.D
Acq: 09 Feb 2023 11:49

Tgt Ion: 95 Resp: 101399
Ion Ratio Lower Upper
95 100
174 95.4 0.0 188.0
176 91.8 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012558.D

Acq: 09 Feb 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-20

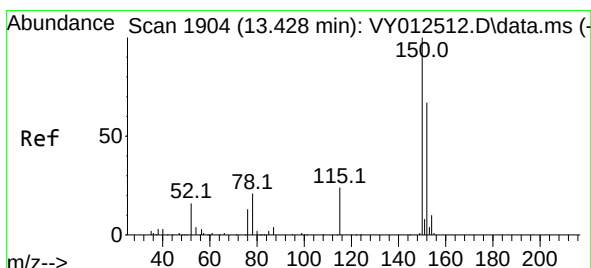
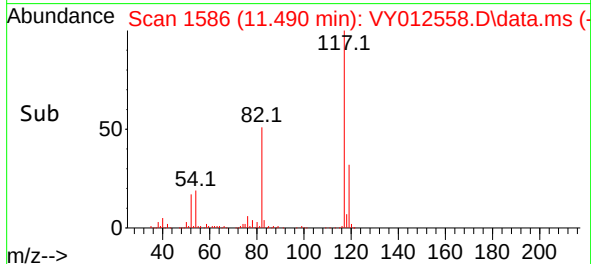
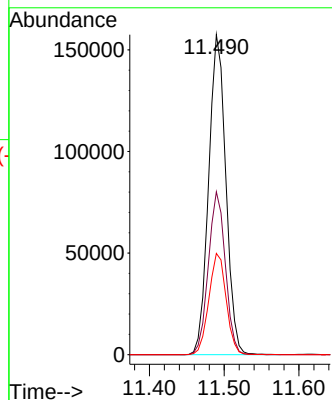
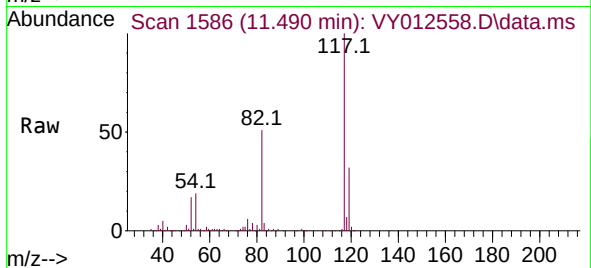
Tgt Ion:117 Resp: 251467

Ion Ratio Lower Upper

117 100

82 50.9 41.7 62.5

119 31.7 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: VY012558.D

Acq: 09 Feb 2023 11:49

Tgt Ion:152 Resp: 116049

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.3

150 157.4 0.0 351.0

