

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012552.D
 Acq On : 08 Feb 2023 18:56
 Operator : KP/MD
 Sample : 01464-07
 Misc : 2.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-60

Quant Time: Feb 09 07:16:02 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)

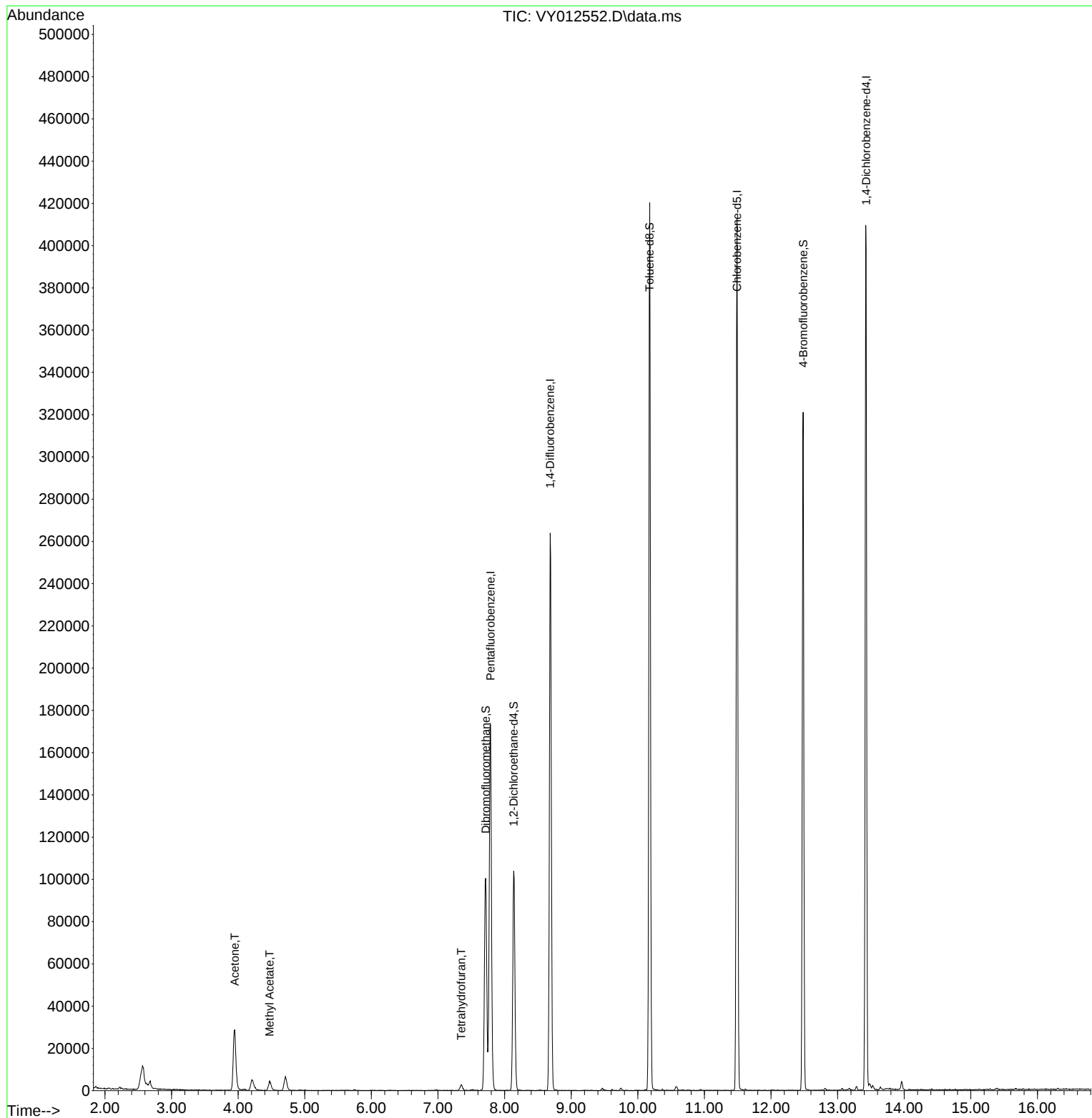
Internal Standards						
1) Pentafluorobenzene	7.789	168	144048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87047	47.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.040%
35) Dibromofluoromethane	7.716	113	71091	41.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.200%
50) Toluene-d8	10.179	98	282174	39.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.380%
62) 4-Bromofluorobenzene	12.483	95	95364	37.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.940%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	51077	115.854	ug/l	99
18) Methyl Acetate	4.472	43	7510	7.087	ug/l	100
29) Tetrahydrofuran	7.350	42	1861	7.037	ug/l	95

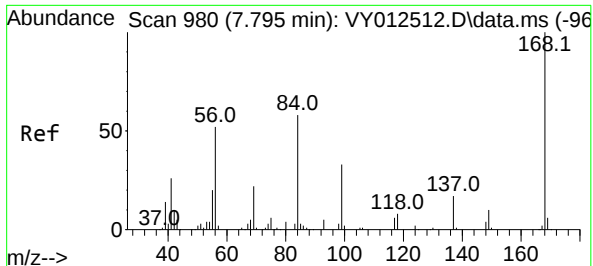
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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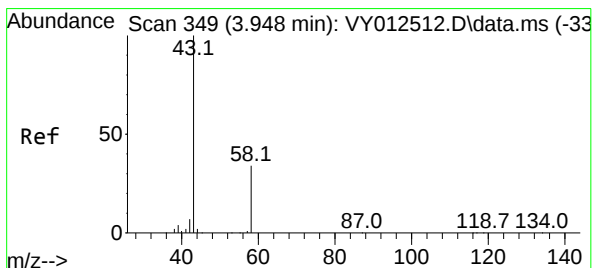
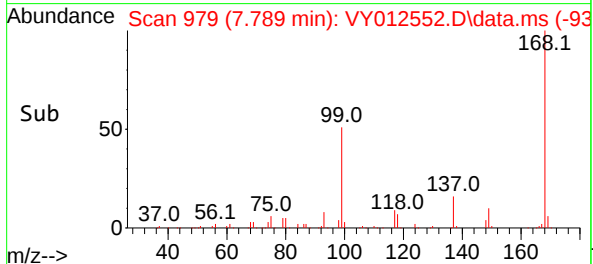
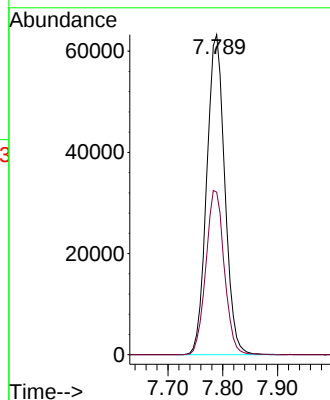
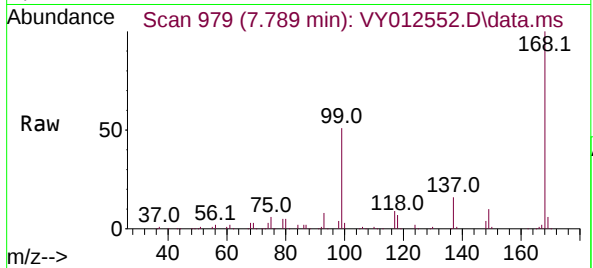




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012552.D
Acq: 08 Feb 2023 18:56

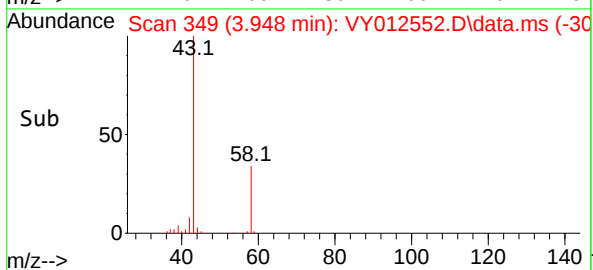
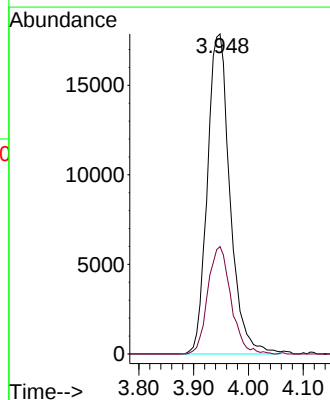
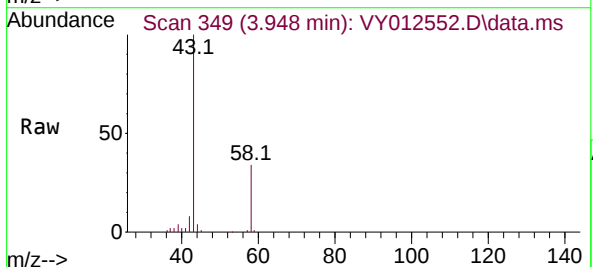
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-60

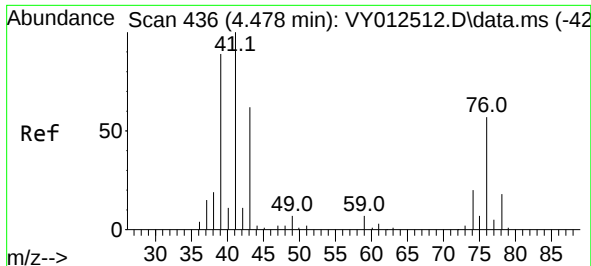
Tgt Ion:168 Resp: 144048
Ion Ratio Lower Upper
168 100
99 50.8 40.8 61.2



#16
Acetone
Concen: 115.854 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012552.D
Acq: 08 Feb 2023 18:56

Tgt Ion: 43 Resp: 51077
Ion Ratio Lower Upper
43 100
58 33.6 27.1 40.7

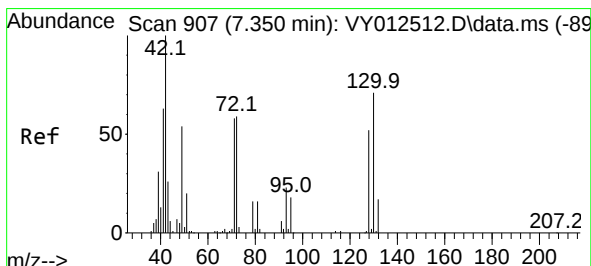
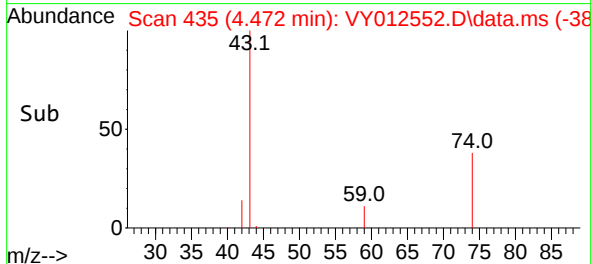
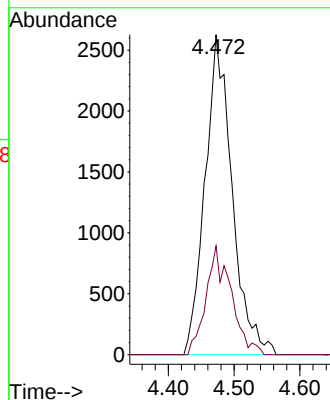
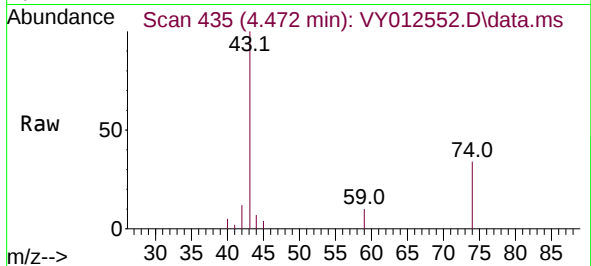




#18
Methyl Acetate
Concen: 7.087 ug/l
RT: 4.472 min Scan# 411
Delta R.T. -0.006 min
Lab File: VY012552.D
Acq: 08 Feb 2023 18:56

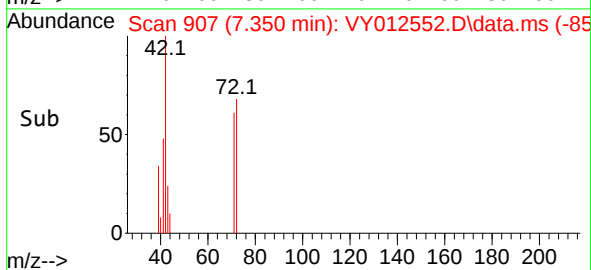
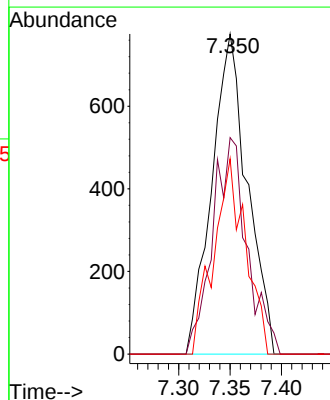
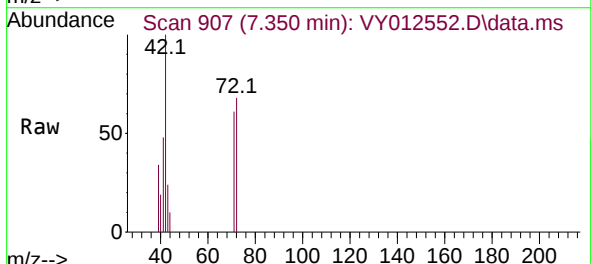
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-60

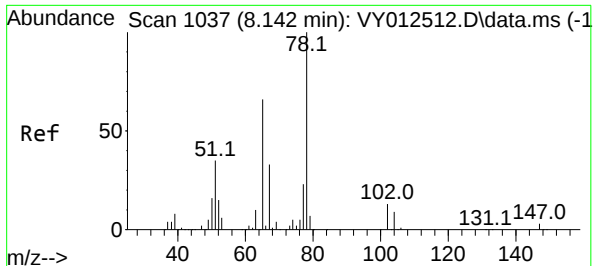
Tgt Ion: 43 Resp: 7510
Ion Ratio Lower Upper
43 100
74 31.8 25.6 38.4



#29
Tetrahydrofuran
Concen: 7.037 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY012552.D
Acq: 08 Feb 2023 18:56

Tgt Ion: 42 Resp: 1861
Ion Ratio Lower Upper
42 100
72 65.6 47.0 70.6
71 54.8 44.6 66.8





#33

1,2-Dichloroethane-d4

Concen: 47.521 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY012552.D

Acq: 08 Feb 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

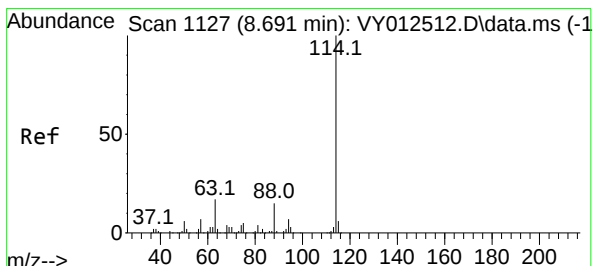
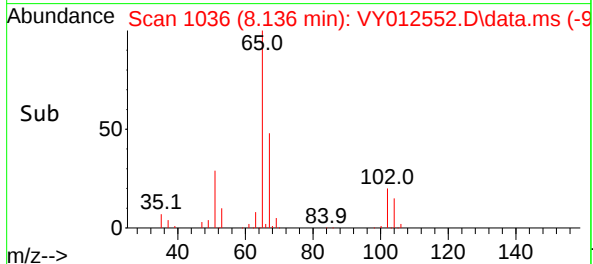
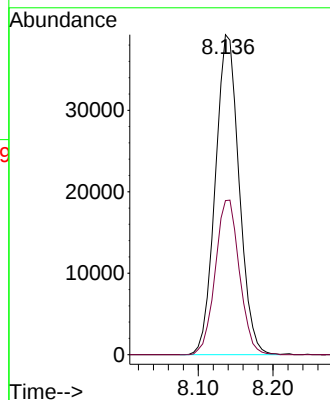
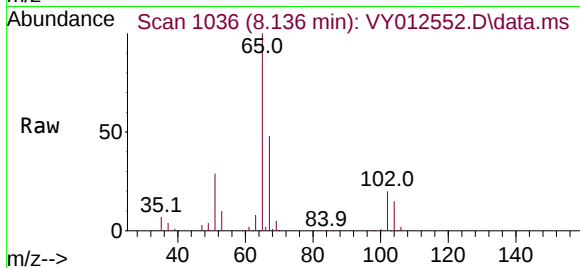
TOT-VOC-GRAB-60

Tgt Ion: 65 Resp: 87047

Ion Ratio Lower Upper

65 100

67 49.1 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012552.D

Acq: 08 Feb 2023 18:56

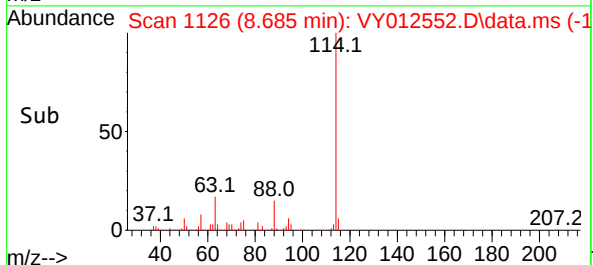
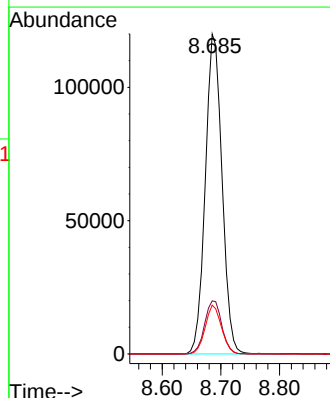
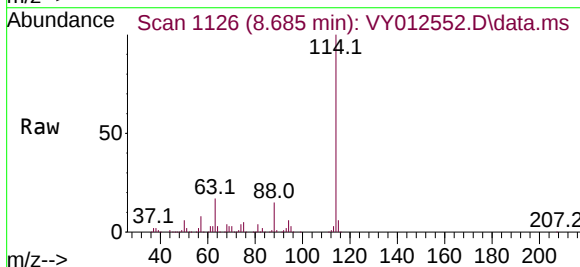
Tgt Ion: 114 Resp: 237528

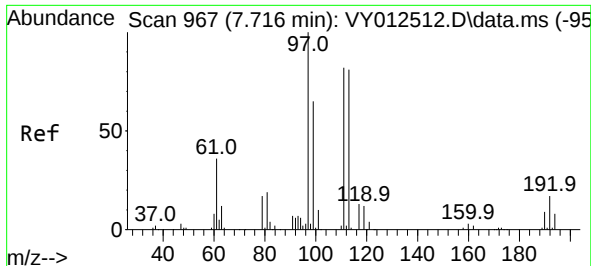
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.6

88 15.2 0.0 29.8

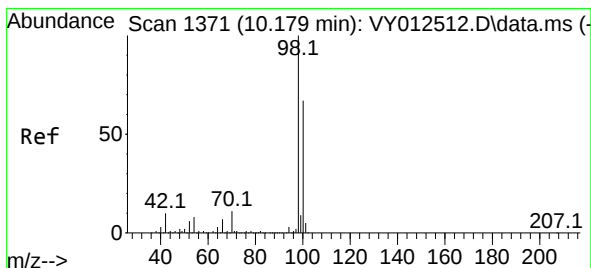
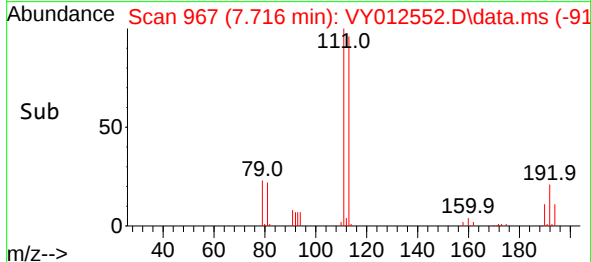
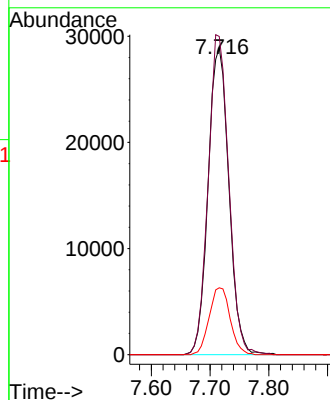
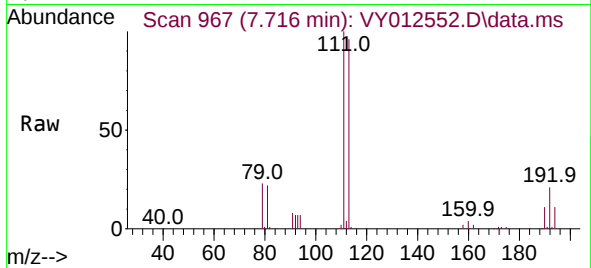




#35
Dibromofluoromethane
Concen: 41.097 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012552.D
Acq: 08 Feb 2023 18:56

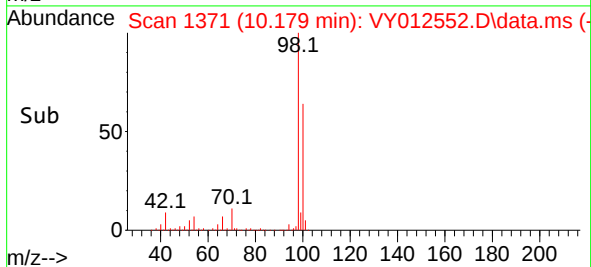
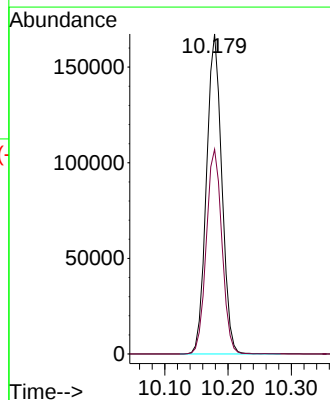
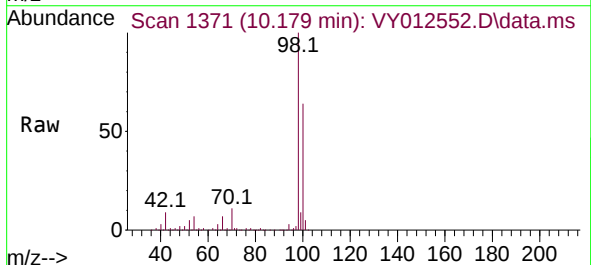
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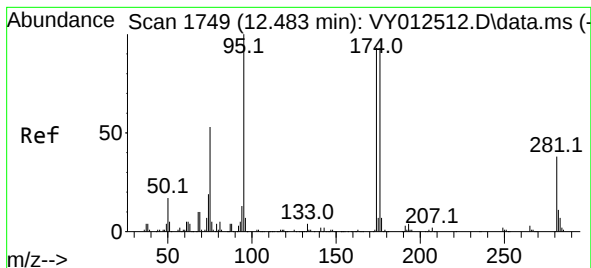
Tgt Ion:113 Resp: 71091
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 22.0 17.5 26.3



#50
Toluene-d8
Concen: 39.191 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012552.D
Acq: 08 Feb 2023 18:56

Tgt Ion: 98 Resp: 282174
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

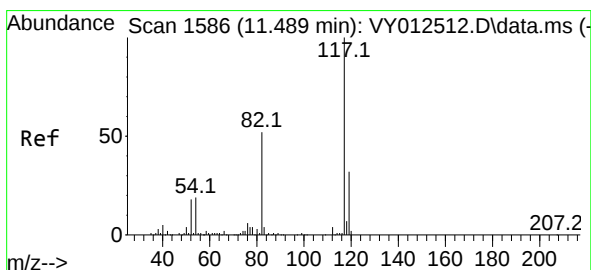
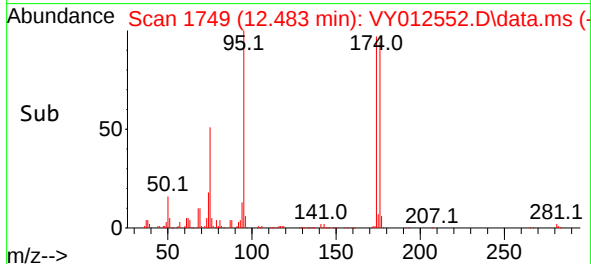
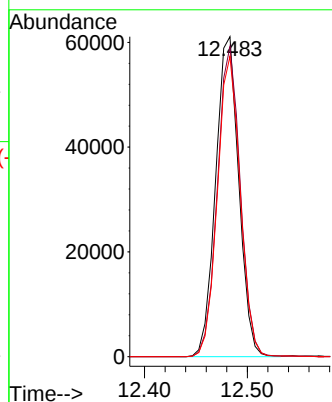
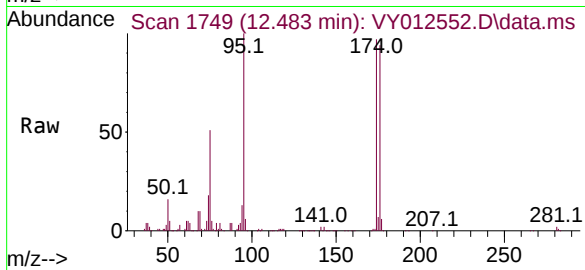




#62
4-Bromofluorobenzene
Concen: 37.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012552.D
Acq: 08 Feb 2023 18:56

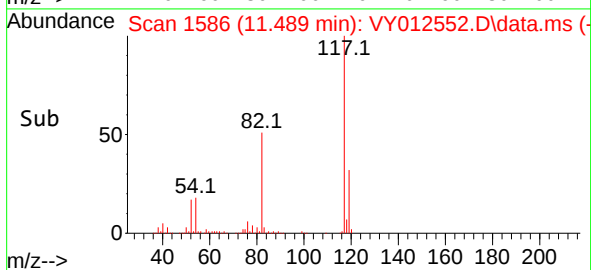
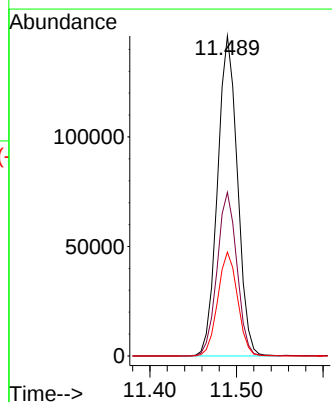
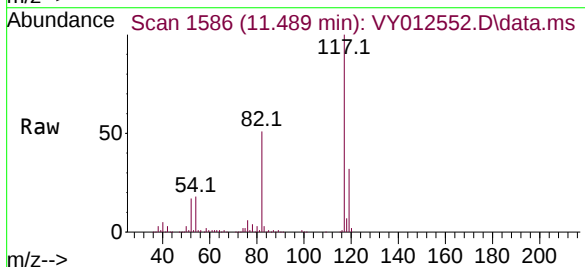
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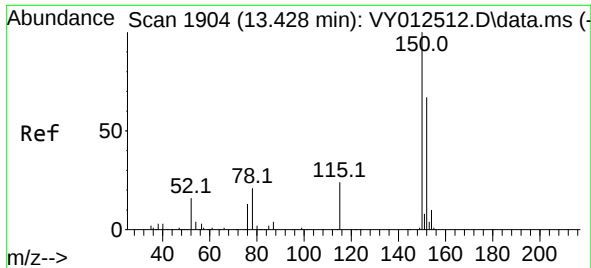
Tgt Ion:	95	Resp:	95364
Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	188.0
176	92.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012552.D
Acq: 08 Feb 2023 18:56

Tgt Ion:	117	Resp:	233485
Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.7	62.5
119	32.5	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: VY012552.D

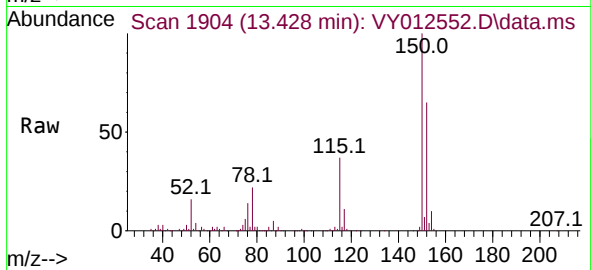
Acq: 08 Feb 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-60



Tgt Ion:152 Resp: 113360

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.3

150 155.9 0.0 351.0

