

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014384.D
 Acq On : 22 Jun 2023 17:12
 Operator : KP/MD
 Sample : 03256-25RE
 Misc : 9.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TP6-5-4-10WRE

Quant Time: Jun 23 05:00:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

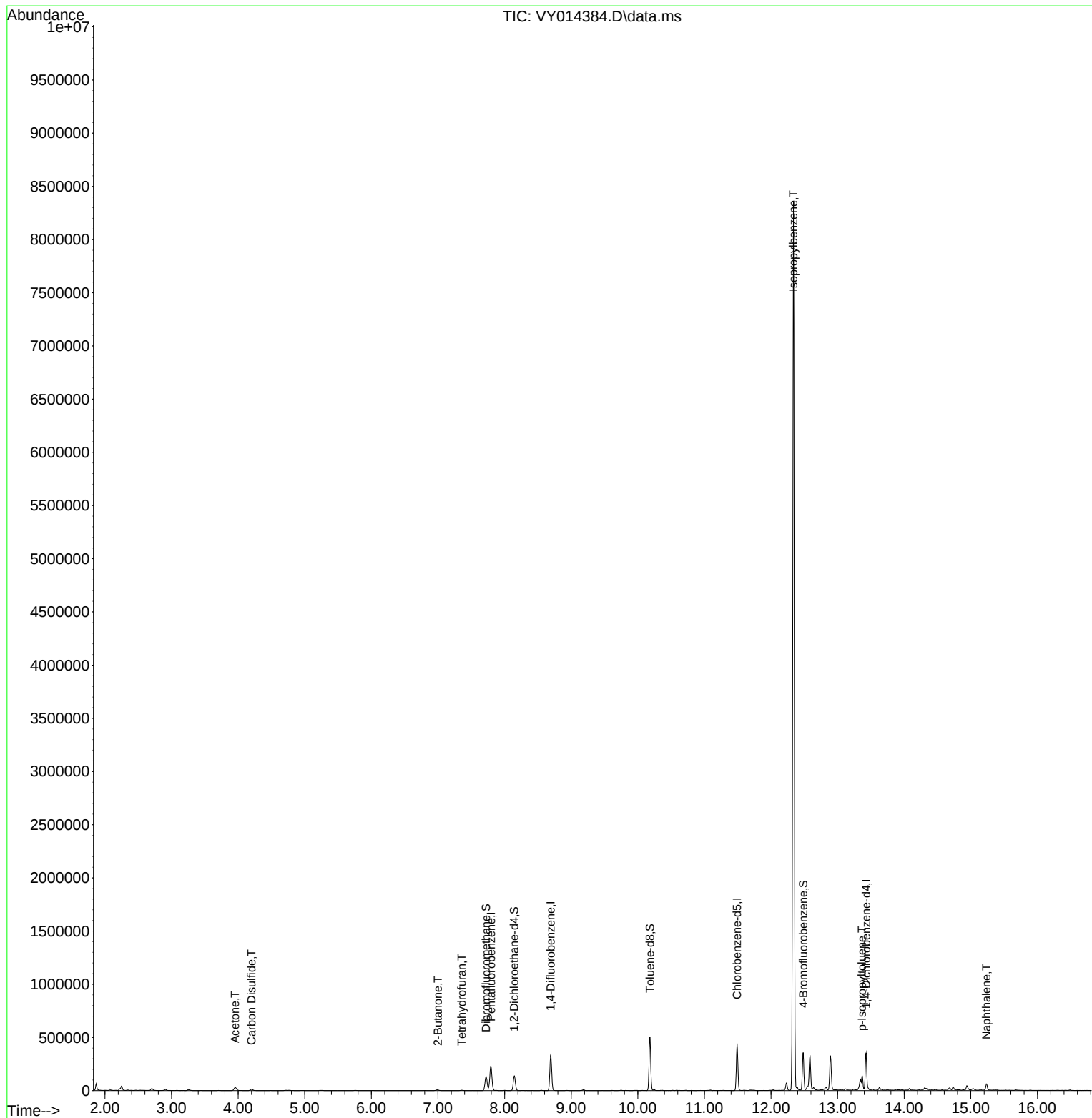
Internal Standards						
1) Pentafluorobenzene	7.795	168	181375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	116948	46.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.600%
35) Dibromofluoromethane	7.722	113	88599	44.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.220%
50) Toluene-d8	10.185	98	332757	44.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.640%
62) 4-Bromofluorobenzene	12.483	95	98872	37.489	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.980%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	52183	68.543	ug/l	98
17) Carbon Disulfide	4.198	76	24370	3.632	ug/l	97
25) 2-Butanone	6.996	43	4988	5.323	ug/l	95
29) Tetrahydrofuran	7.356	42	2708	4.557	ug/l	95
73) Isopropylbenzene	12.337	105	328664	47.893	ug/l #	59
86) p-Isopropyltoluene	13.367	119	71714	11.542	ug/l	90
95) Naphthalene	15.233	128	48564	12.211	ug/l	97

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

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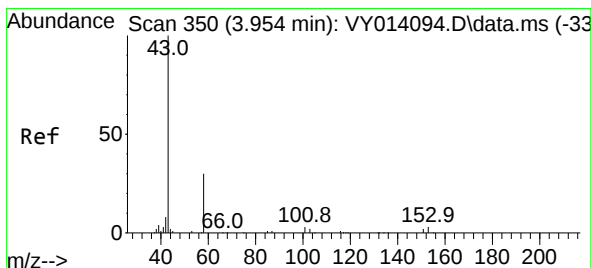
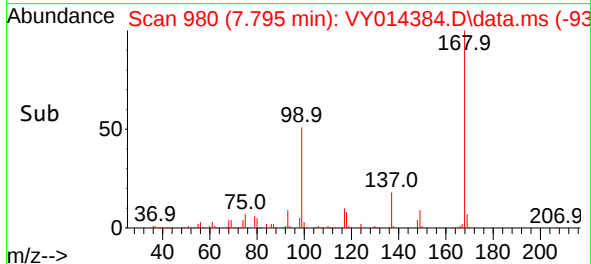
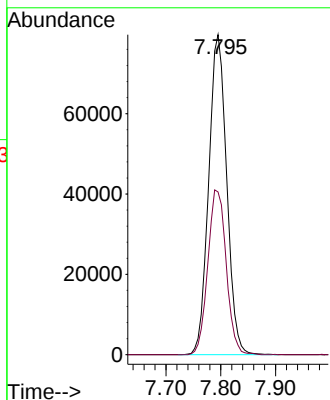
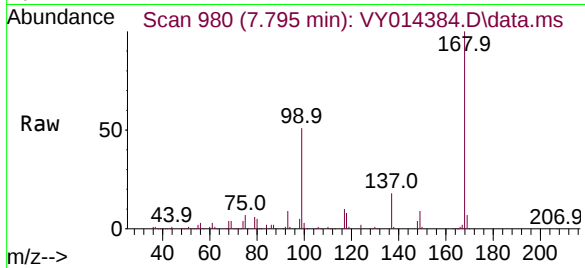




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014384.D
Acq: 22 Jun 2023 17:12

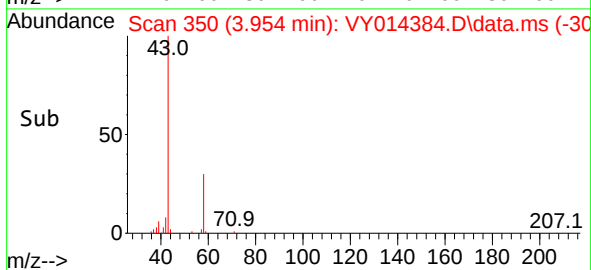
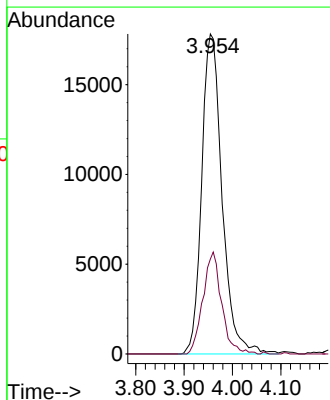
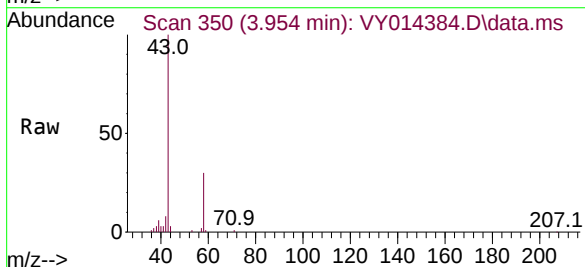
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-5-4-10WRE

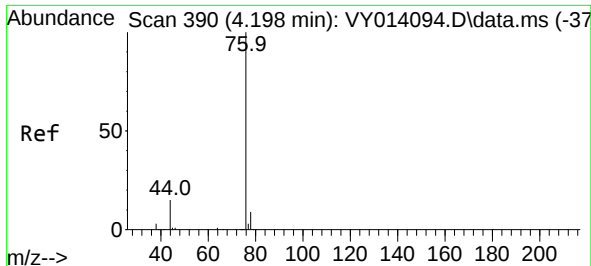
Tgt Ion:168 Resp: 181375
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#16
Acetone
Concen: 68.543 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014384.D
Acq: 22 Jun 2023 17:12

Tgt Ion: 43 Resp: 52183
Ion Ratio Lower Upper
43 100
58 29.6 22.7 34.1

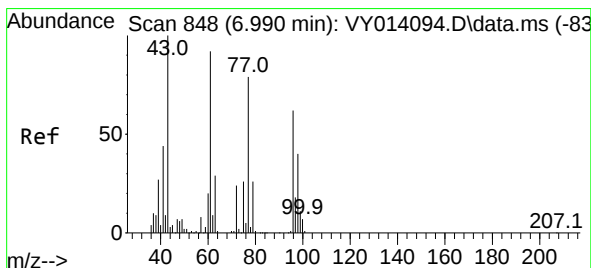
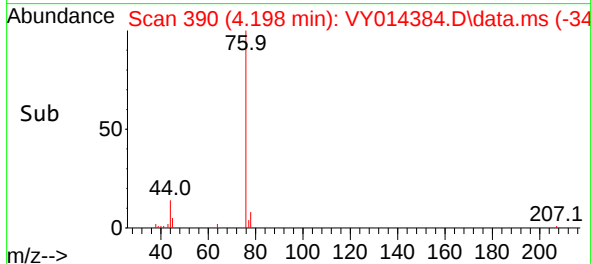
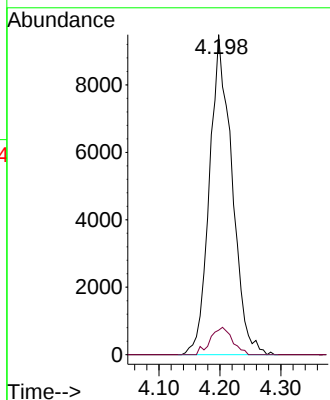
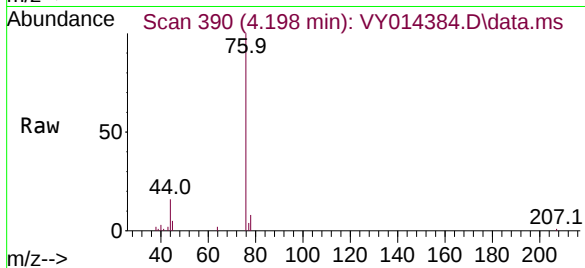




#17
Carbon Disulfide
Concen: 3.632 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014384.D
Acq: 22 Jun 2023 17:12

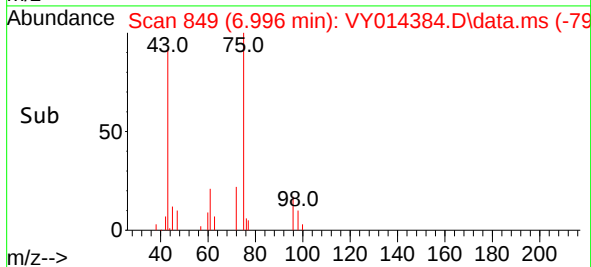
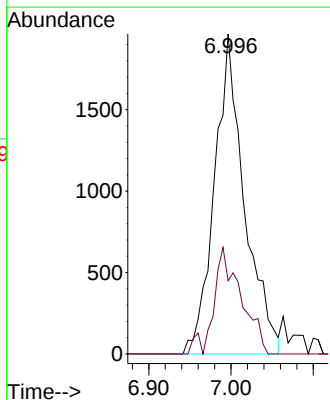
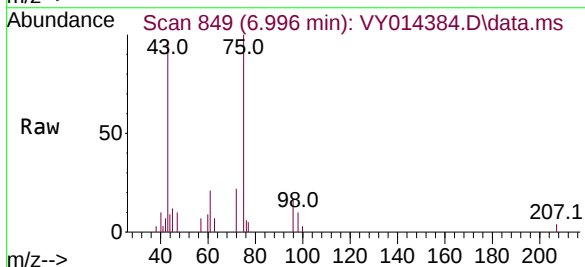
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-5-4-10WRE

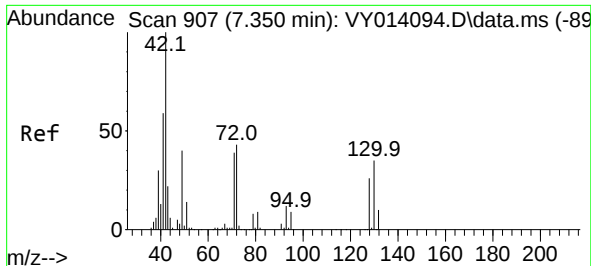
Tgt Ion: 76 Resp: 24370
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.4



#25
2-Butanone
Concen: 5.323 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY014384.D
Acq: 22 Jun 2023 17:12

Tgt Ion: 43 Resp: 4988
Ion Ratio Lower Upper
43 100
72 22.9 20.5 30.7





#29

Tetrahydrofuran

Concen: 4.557 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014384.D

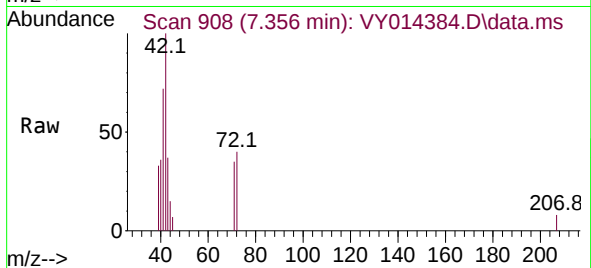
Acq: 22 Jun 2023 17:12

Instrument :

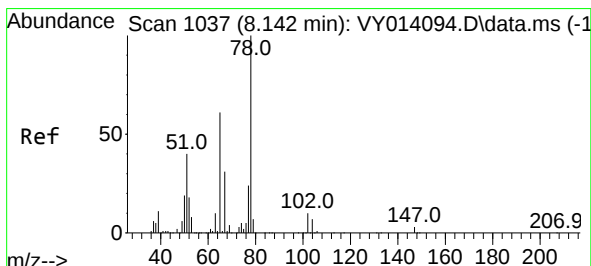
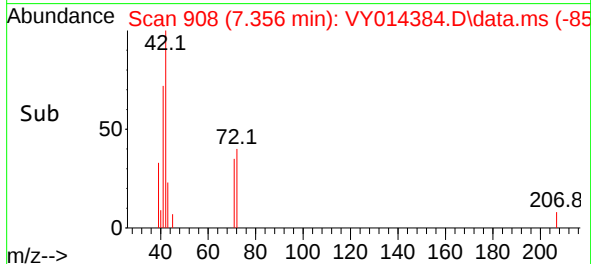
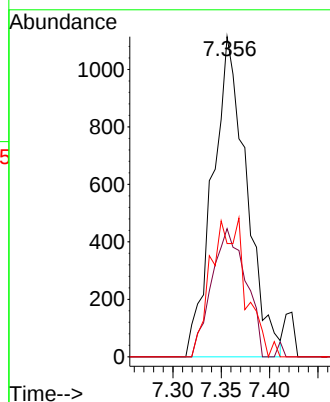
MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-5-4-10WRE



Tgt Ion:	42	Resp:	2708
Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.8	49.2
71	44.2	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 46.304 ug/l

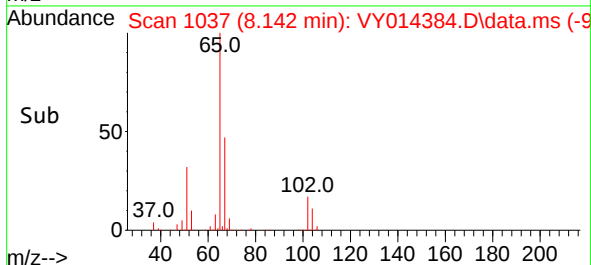
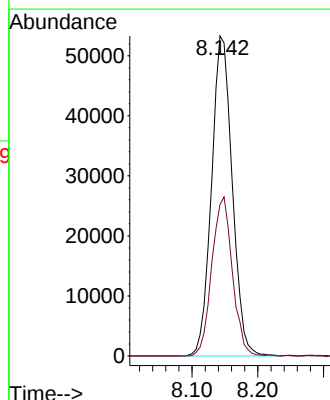
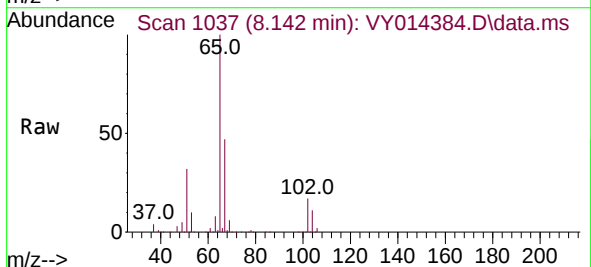
RT: 8.142 min Scan# 1037

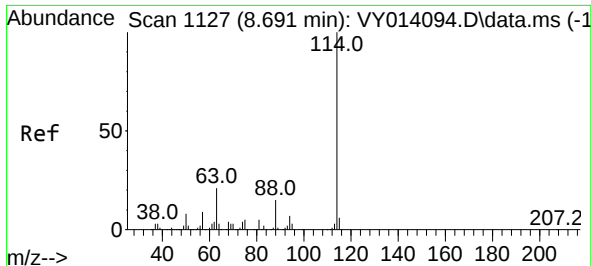
Delta R.T. 0.000 min

Lab File: VY014384.D

Acq: 22 Jun 2023 17:12

Tgt Ion:	65	Resp:	116948
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	101.8

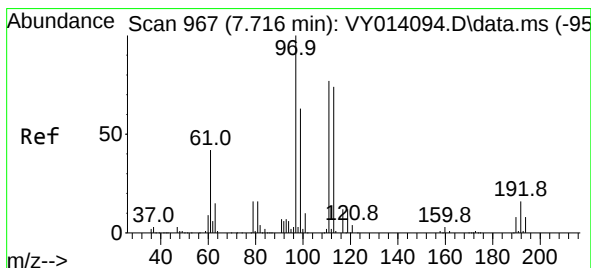
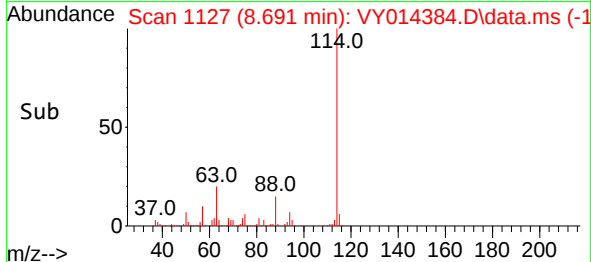
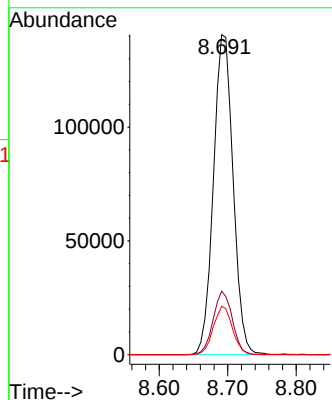
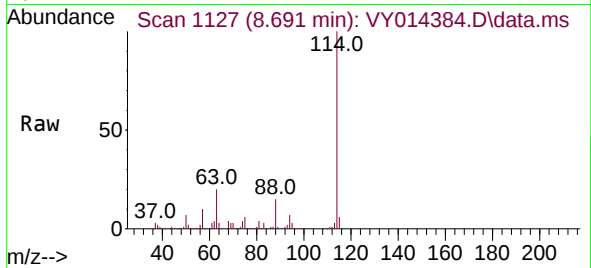




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014384.D
Acq: 22 Jun 2023 17:12

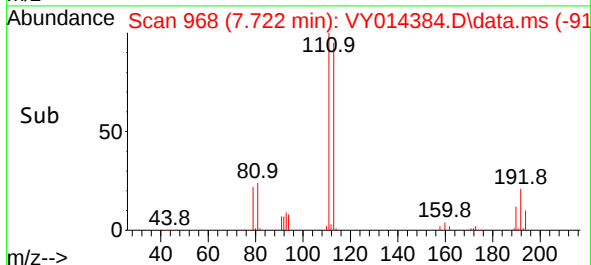
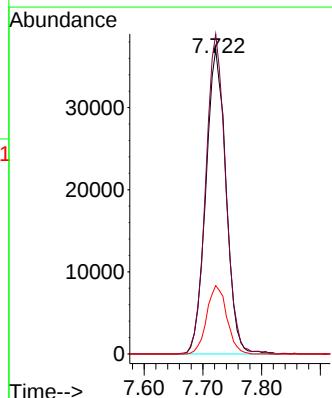
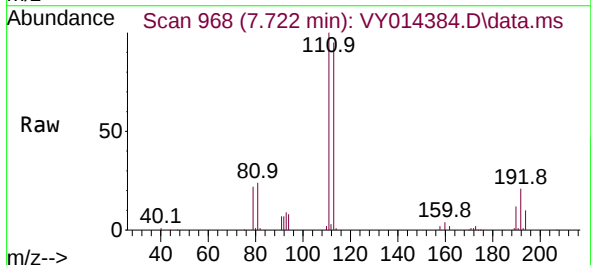
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-5-4-10WRE

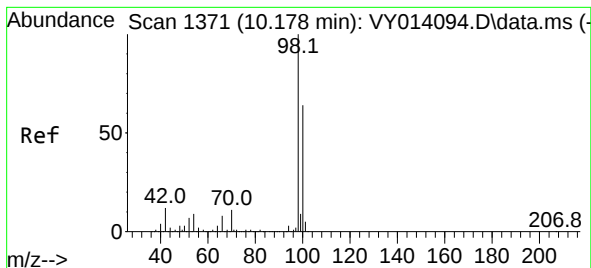
Tgt Ion:	114	Resp:	280023
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	42.4
88	15.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 44.615 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014384.D
Acq: 22 Jun 2023 17:12

Tgt Ion:	113	Resp:	88599
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.3	121.9
192	22.2	16.9	25.3

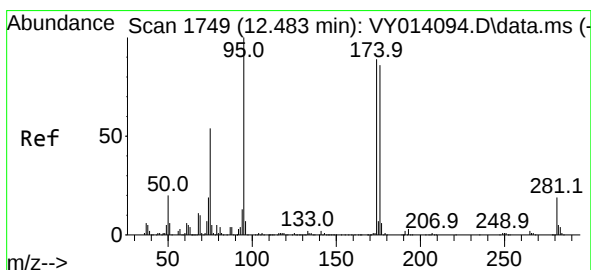
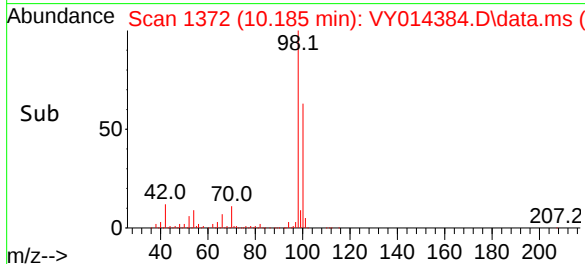
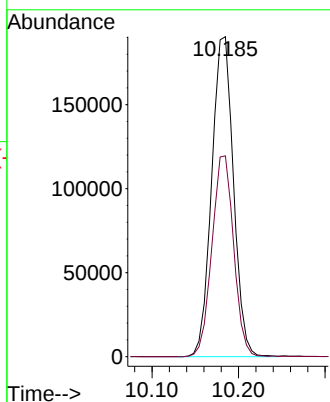
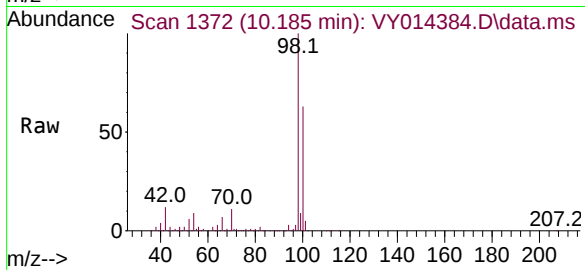




#50
Toluene-d8
Concen: 44.820 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014384.D
Acq: 22 Jun 2023 17:12

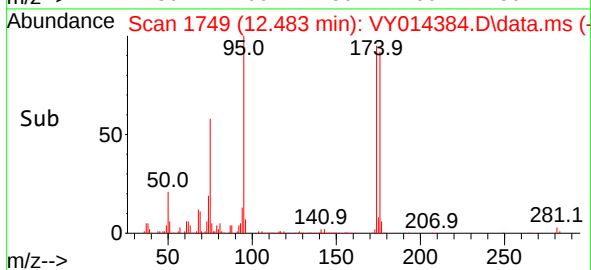
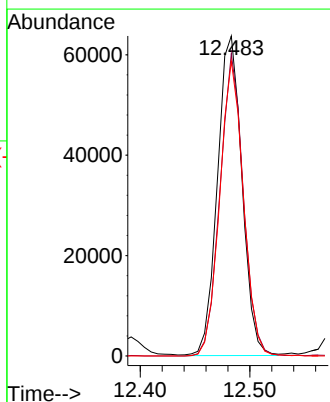
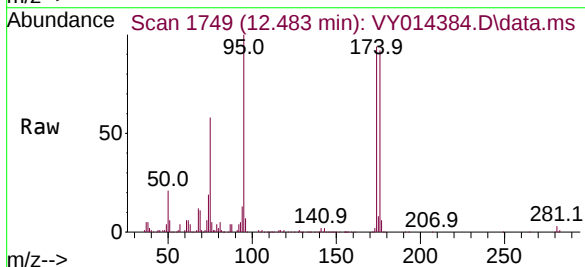
Instrument :
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TOTAL-VOC-TP6-5-4-10WRE

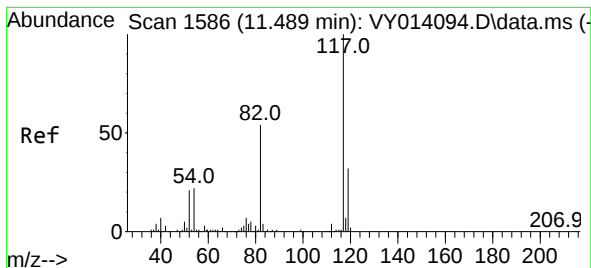
Tgt Ion: 98 Resp: 332757
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.489 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014384.D
Acq: 22 Jun 2023 17:12

Tgt Ion: 95 Resp: 98872
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.2
176 88.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014384.D

Acq: 22 Jun 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-5-4-10WRE

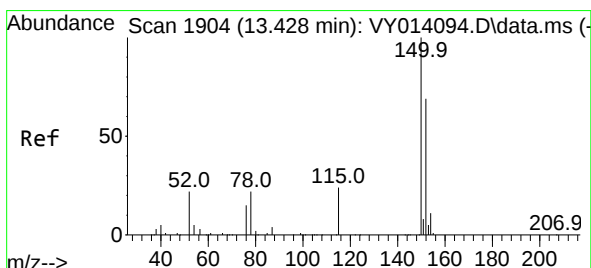
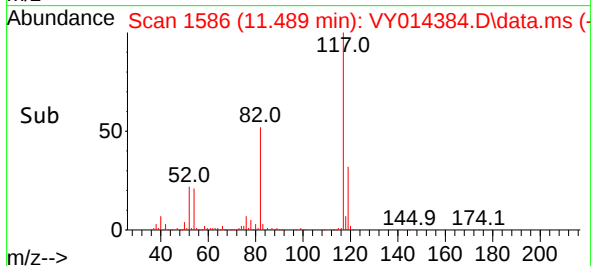
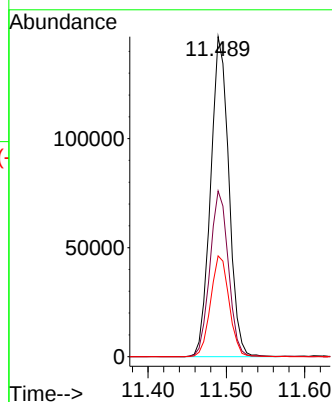
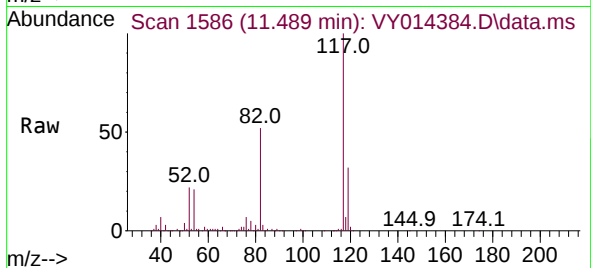
Tgt Ion:117 Resp: 237020

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 31.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014384.D

Acq: 22 Jun 2023 17:12

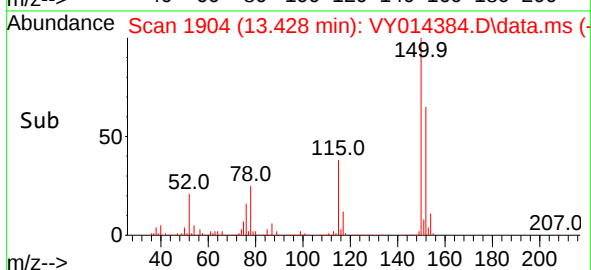
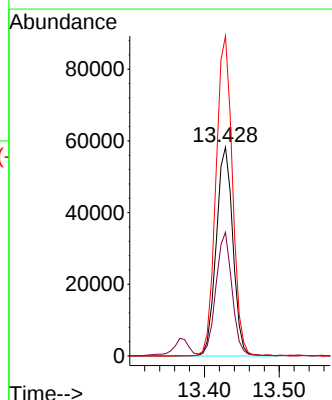
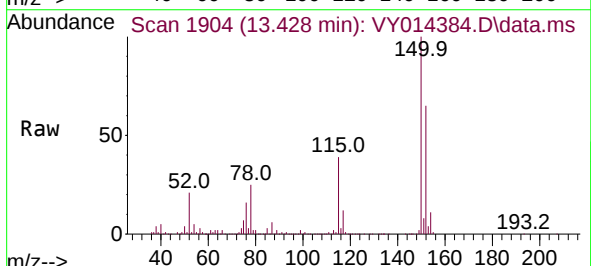
Tgt Ion:152 Resp: 89957

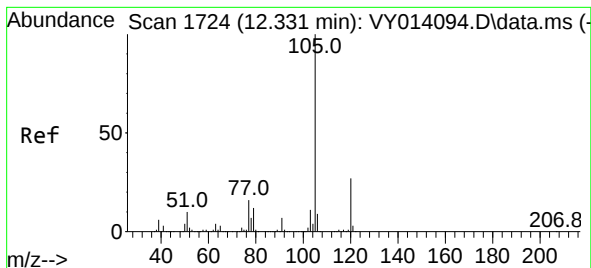
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 152.1 0.0 348.8





#73

Isopropylbenzene

Concen: 47.893 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY014384.D

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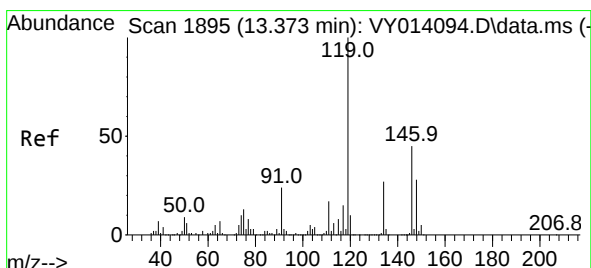
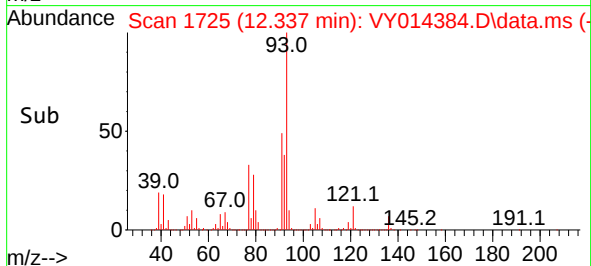
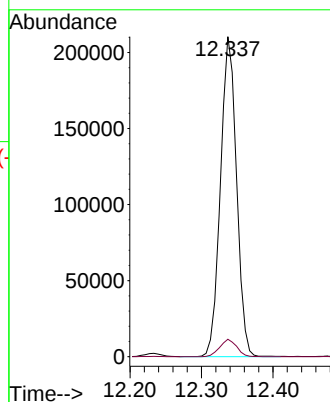
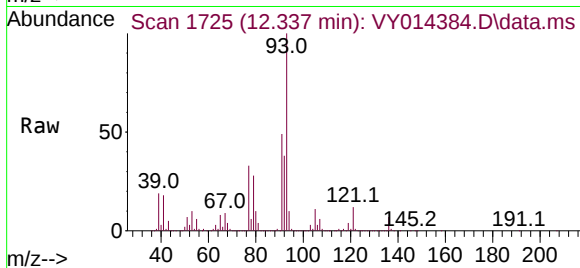
TOTAL-VOC-TP6-5-4-10WRE

Tgt Ion:105 Resp: 328664

Ion Ratio Lower Upper

105 100

120 5.7 13.3 39.9#



#86

p-Isopropyltoluene

Concen: 11.542 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014384.D

Acq: 22 Jun 2023 17:12

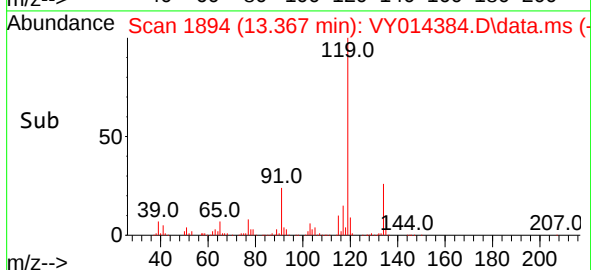
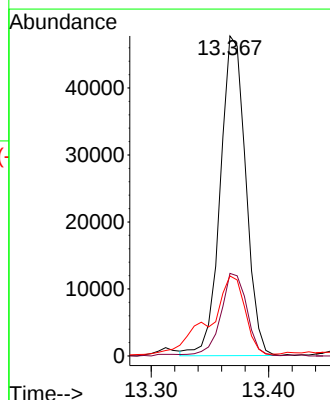
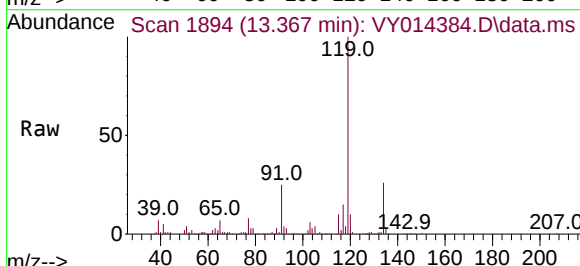
Tgt Ion:119 Resp: 71714

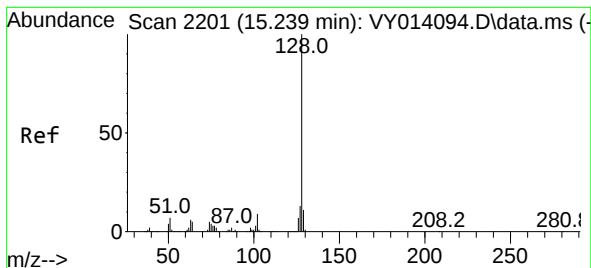
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 34.7 12.4 37.4





#95

Naphthalene

Concen: 12.211 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014384.D

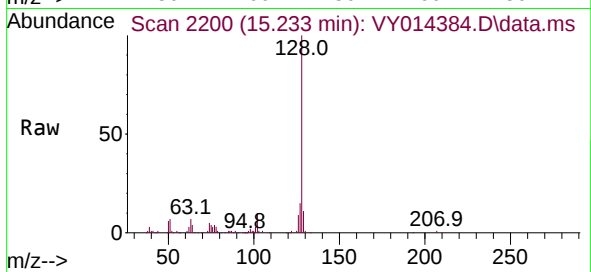
Acq: 22 Jun 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:128 Resp: 48564

Ion Ratio Lower Upper

128 100

127 14.3 10.8 16.2

129 12.5 8.6 13.0

