

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014383.D
 Acq On : 22 Jun 2023 16:49
 Operator : KP/MD
 Sample : 03298-14RE
 Misc : 10.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TP6-09-10S-4RE

Quant Time: Jun 22 17:26:15 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)

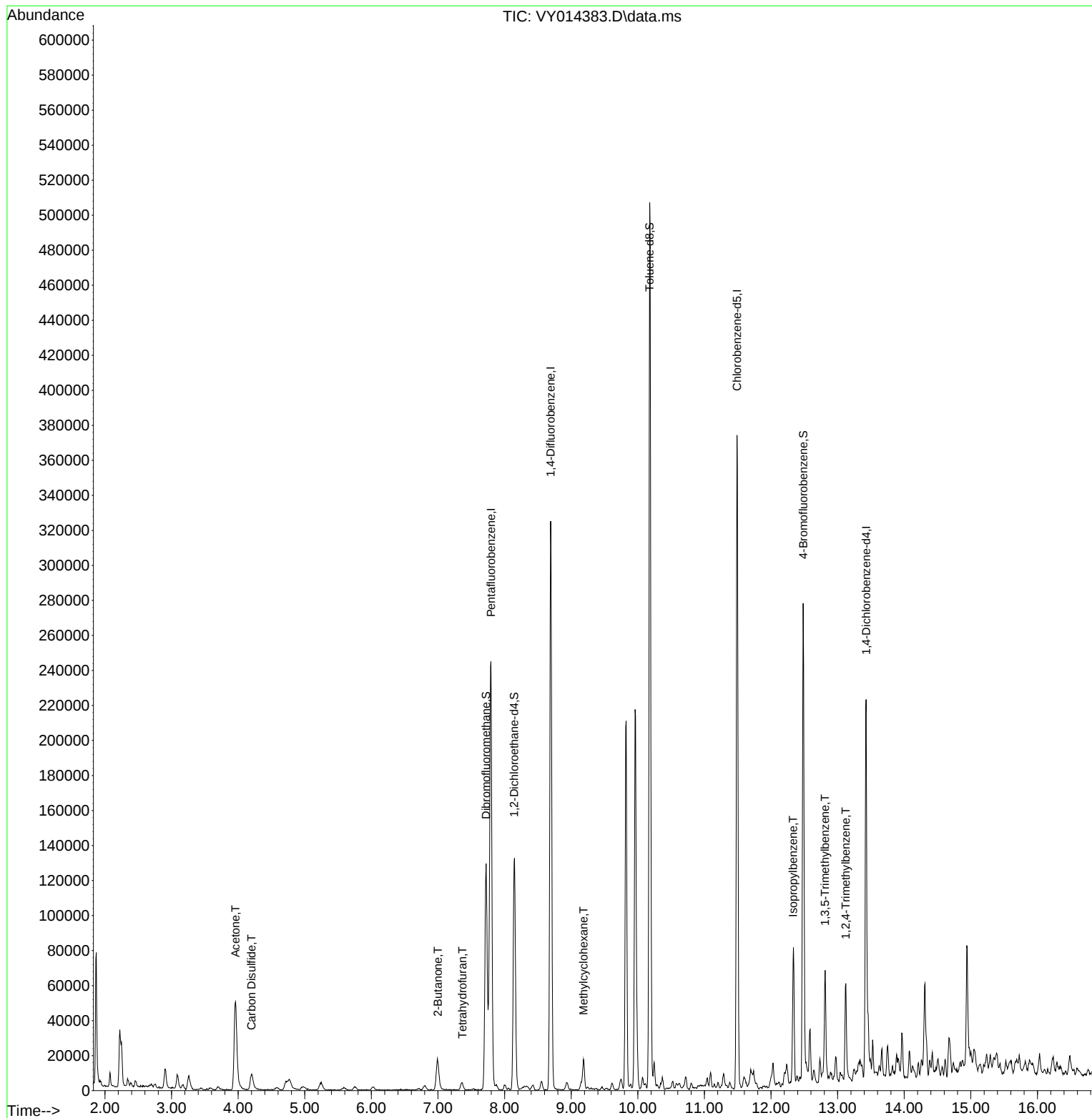
Internal Standards						
1) Pentafluorobenzene	7.795	168	179851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112937	45.094	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.180%
35) Dibromofluoromethane	7.722	113	86237	44.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.000%
50) Toluene-d8	10.179	98	327980	45.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.483	95	67807	26.642	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.280%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	95937	127.082	ug/l	93
17) Carbon Disulfide	4.198	76	16999	2.555	ug/l	100
25) 2-Butanone	6.996	43	20440	21.996	ug/l	100
29) Tetrahydrofuran	7.368	42	3334	5.658	ug/l	98
39) Methylcyclohexane	9.185	83	6645	2.005	ug/l	88
73) Isopropylbenzene	12.331	105	6678	1.545	ug/l	85
80) 1,3,5-Trimethylbenzene	12.813	105	24940	6.737	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	29771	8.124	ug/l	98

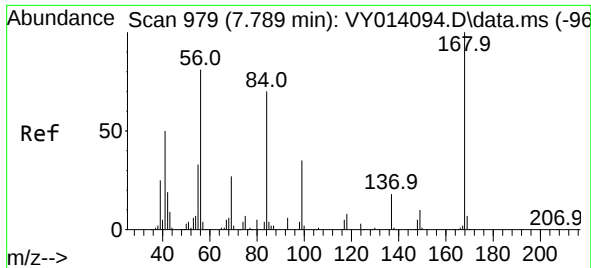
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
Data File : VY014383.D
Acq On : 22 Jun 2023 16:49
Operator : KP/MD
Sample : 03298-14RE
Misc : 10.59g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-09-10S-4RE

Quant Time: Jun 22 17:26:15 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

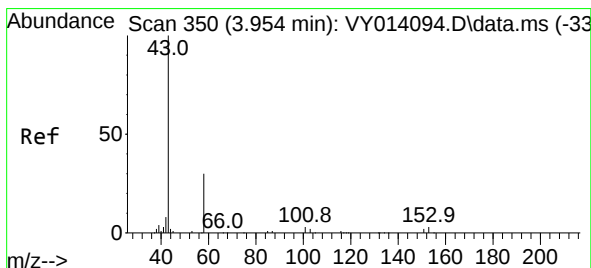
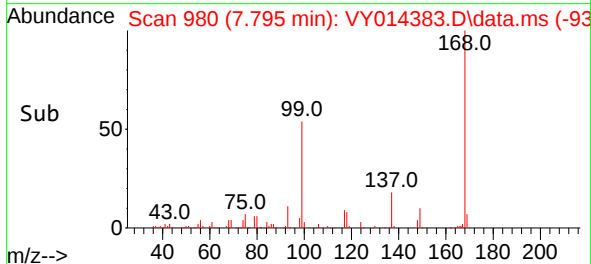
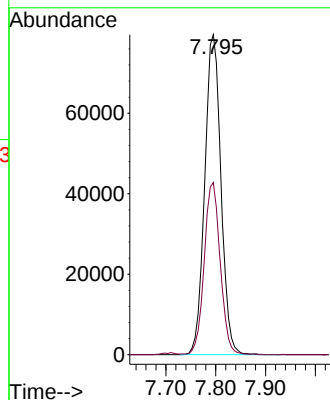
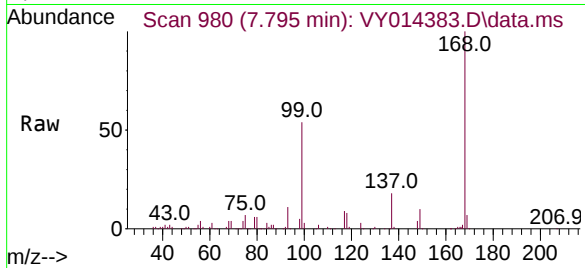




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

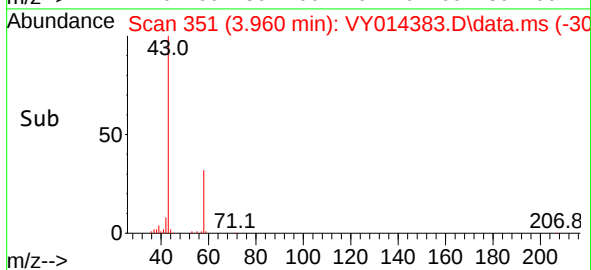
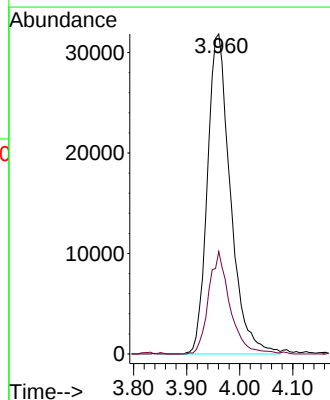
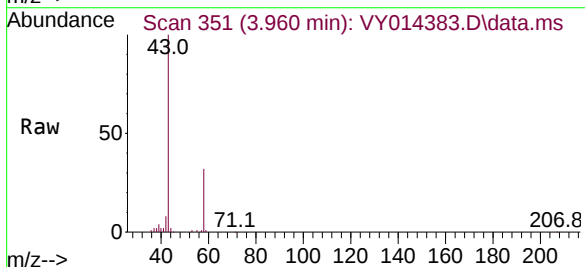
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-09-10S-4RE

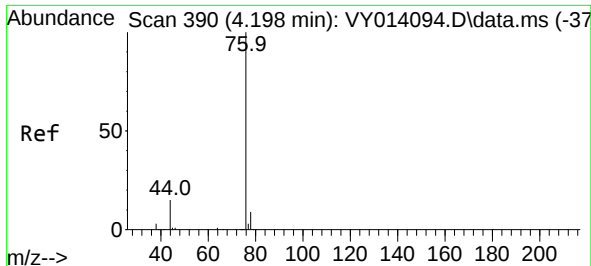
Tgt Ion:168 Resp: 179851
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 127.082 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

Tgt Ion: 43 Resp: 95937
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

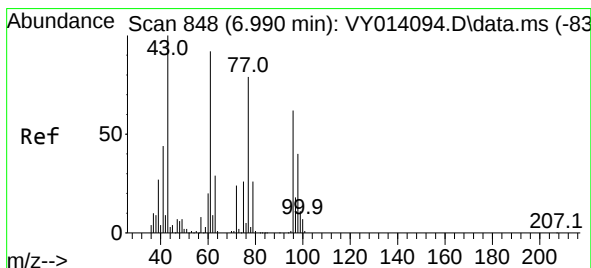
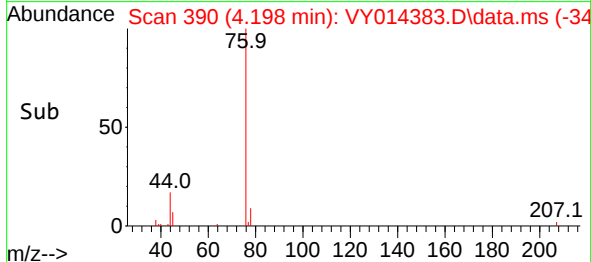
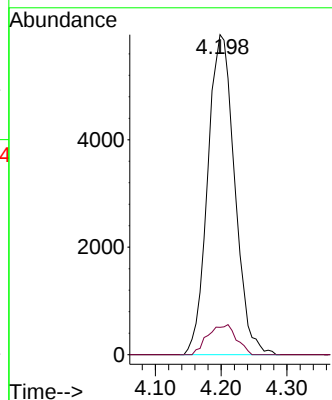
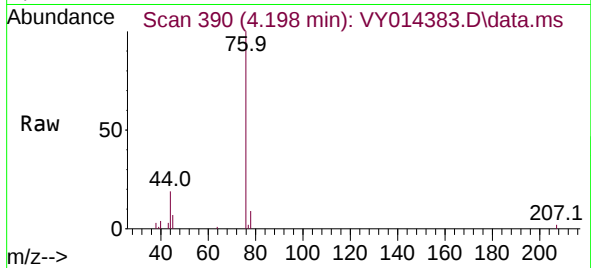




#17
Carbon Disulfide
Concen: 2.555 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

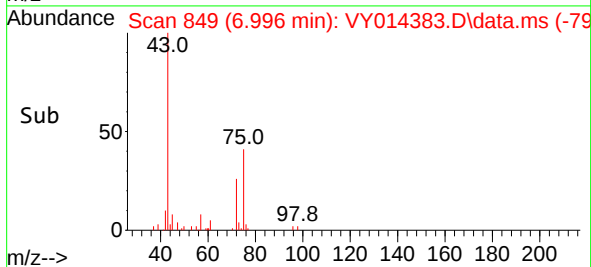
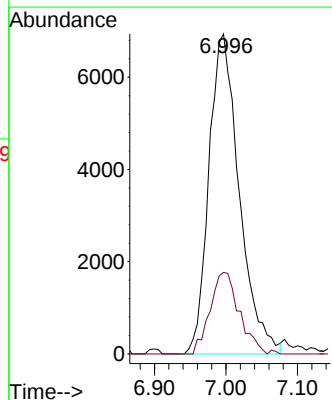
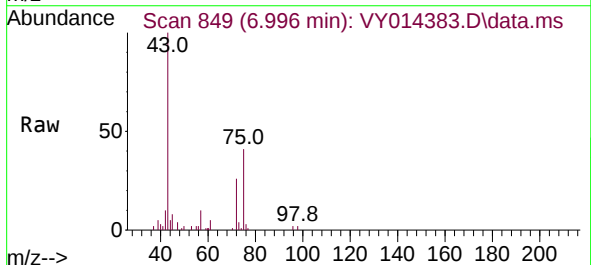
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-09-10S-4RE

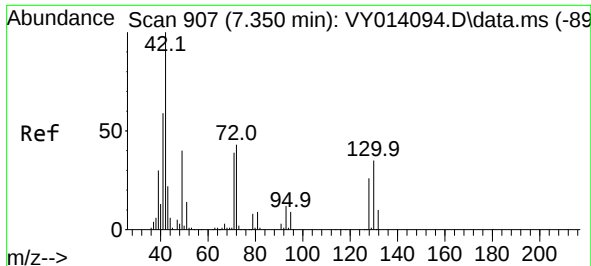
Tgt Ion: 76 Resp: 16999
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#25
2-Butanone
Concen: 21.996 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

Tgt Ion: 43 Resp: 20440
Ion Ratio Lower Upper
43 100
72 25.5 20.5 30.7





#29

Tetrahydrofuran

Concen: 5.658 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY014383.D

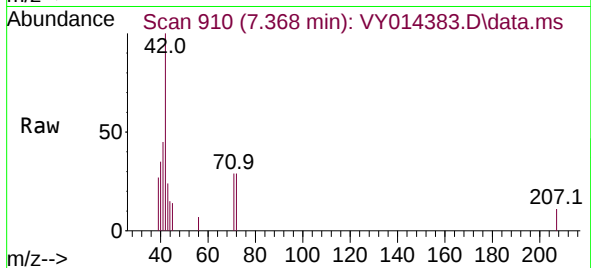
Acq: 22 Jun 2023 16:49

Instrument :

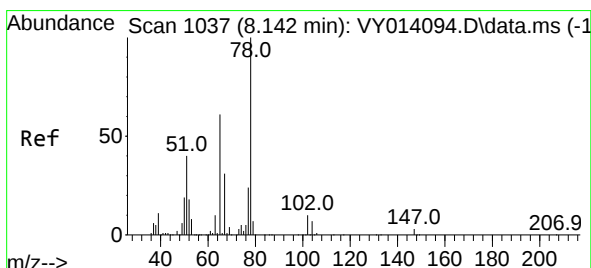
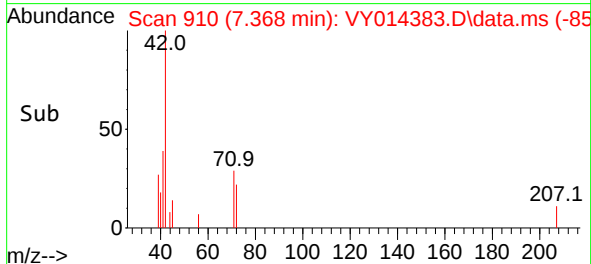
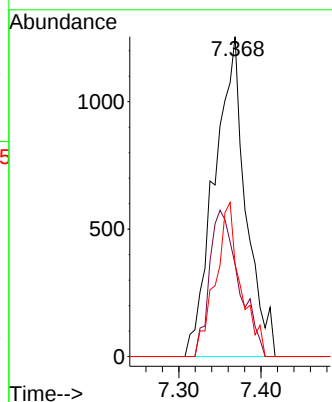
MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-09-10S-4RE



Tgt Ion:	42	Resp:	3334
Ion	Ratio	Lower	Upper
42	100		
72	42.7	32.8	49.2
71	38.5	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 45.094 ug/l

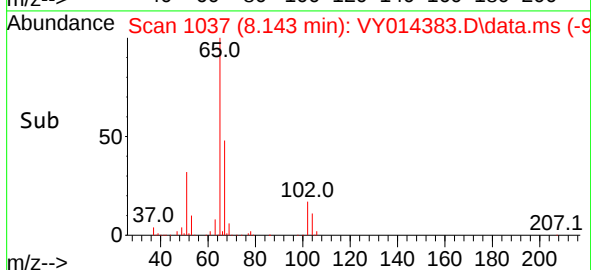
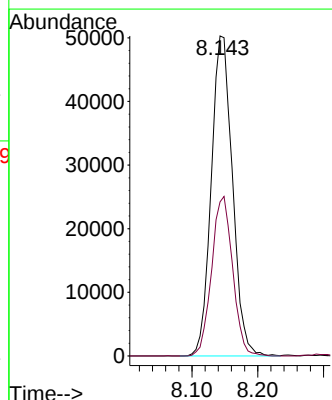
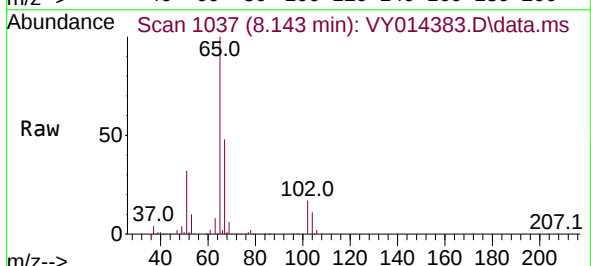
RT: 8.143 min Scan# 1037

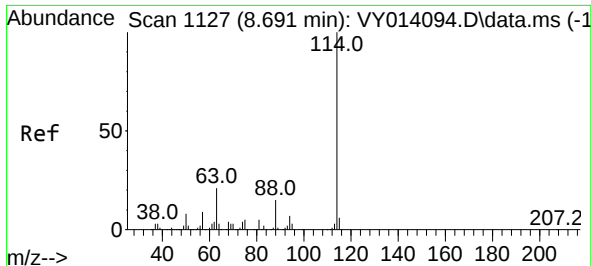
Delta R.T. 0.001 min

Lab File: VY014383.D

Acq: 22 Jun 2023 16:49

Tgt Ion:	65	Resp:	112937
Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	101.8

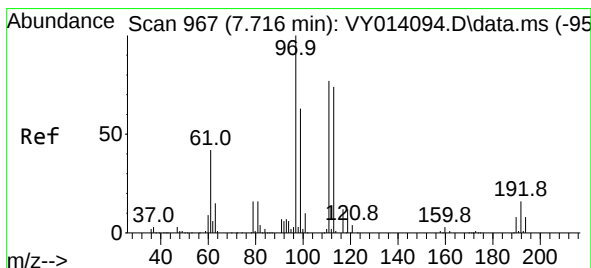
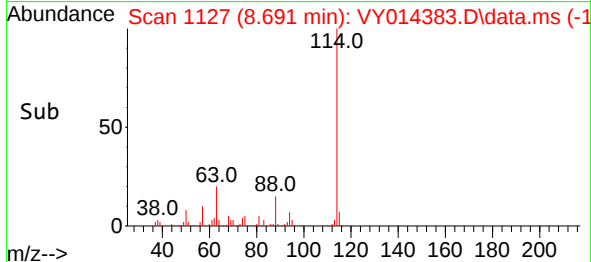
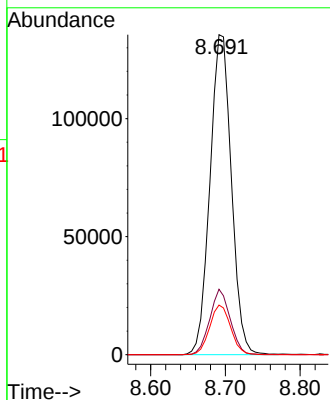
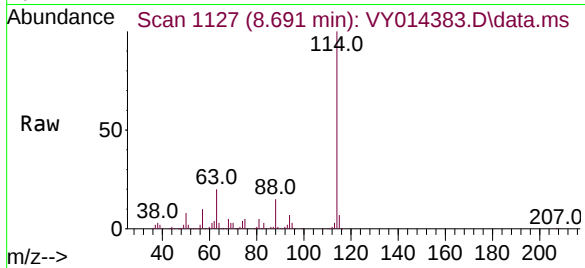




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

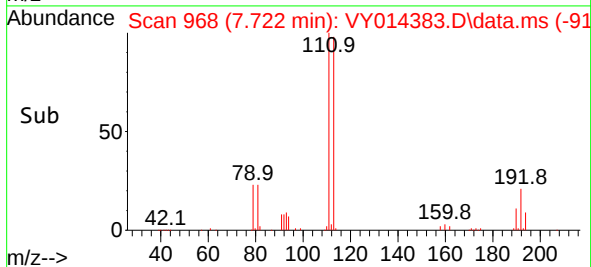
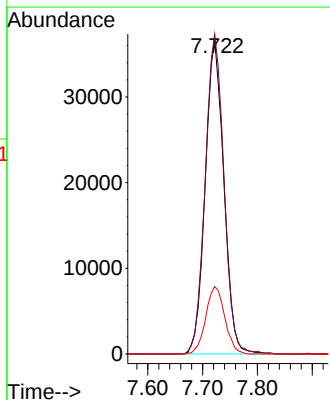
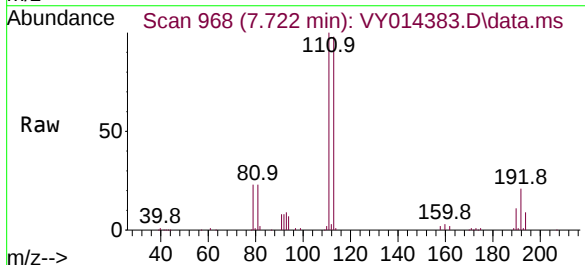
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-09-10S-4RE

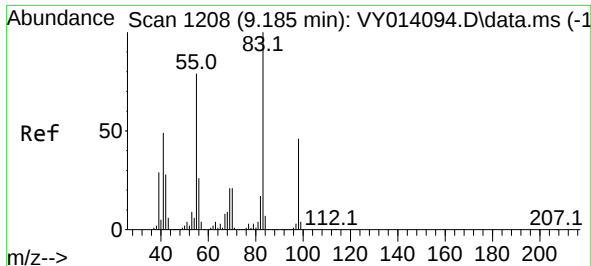
Tgt Ion:114 Resp: 270230
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 44.999 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

Tgt Ion:113 Resp: 86237
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 21.9 16.9 25.3





#39

Methylcyclohexane

Concen: 2.005 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014383.D

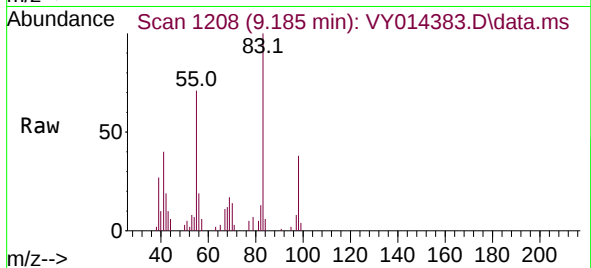
Acq: 22 Jun 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-09-10S-4RE



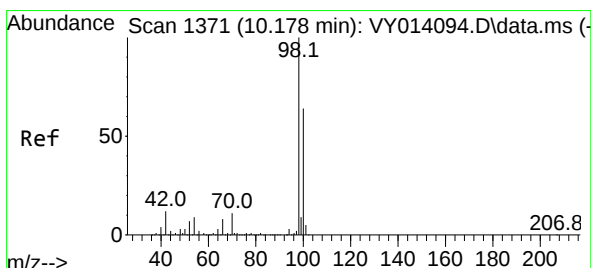
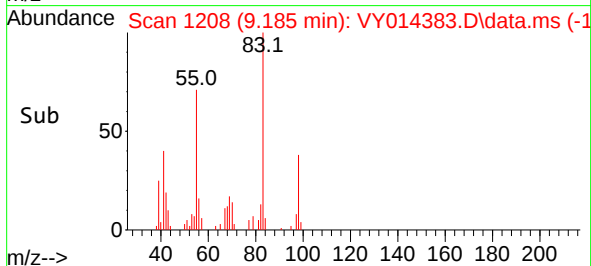
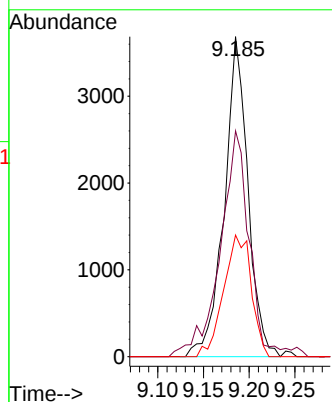
Tgt Ion: 83 Resp: 6645

Ion Ratio Lower Upper

83 100

55 68.4 63.0 94.4

98 38.0 37.4 56.2



#50

Toluene-d8

Concen: 45.777 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014383.D

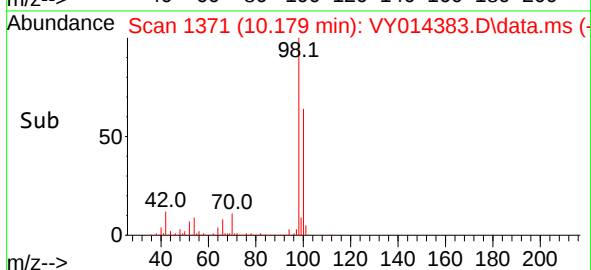
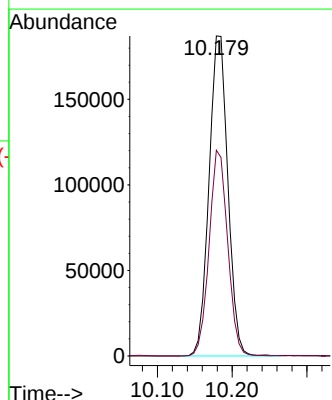
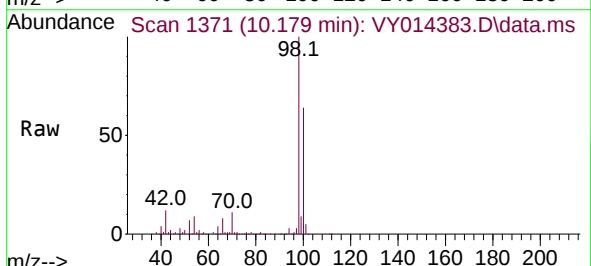
Acq: 22 Jun 2023 16:49

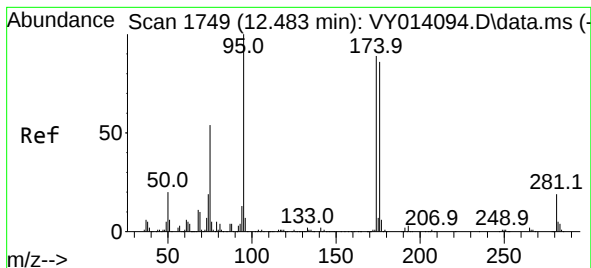
Tgt Ion: 98 Resp: 327980

Ion Ratio Lower Upper

98 100

100 63.3 50.1 75.1

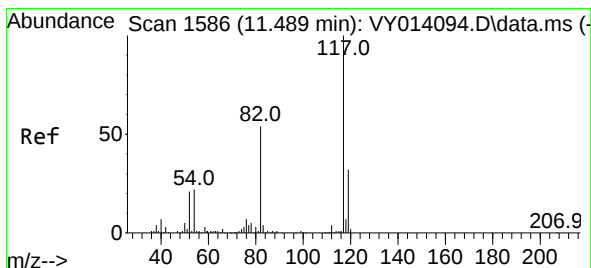
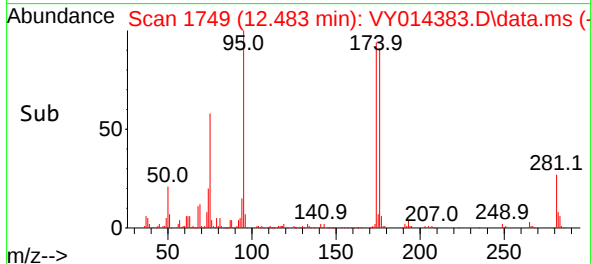
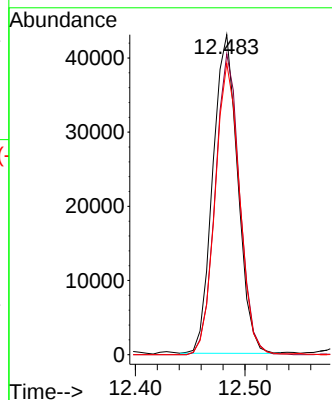
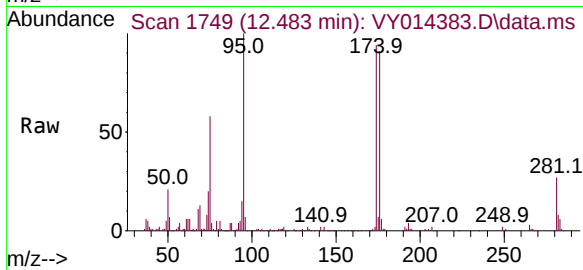




#62
4-Bromofluorobenzene
Concen: 26.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

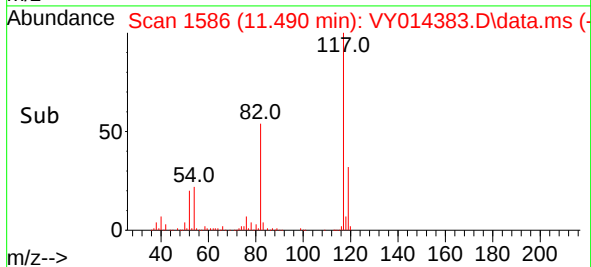
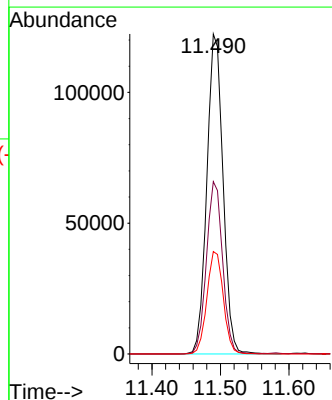
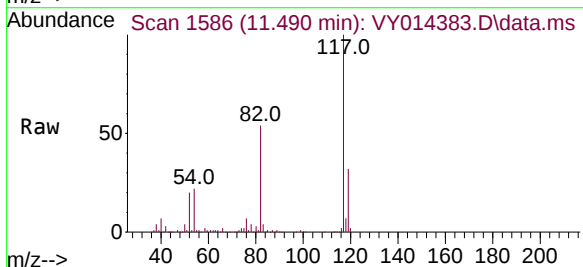
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-09-10S-4RE

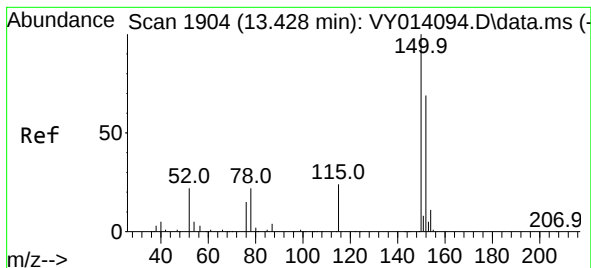
Tgt Ion: 95 Resp: 67807
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.2
176 90.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

Tgt Ion: 117 Resp: 201055
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.0 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: VY014383.D

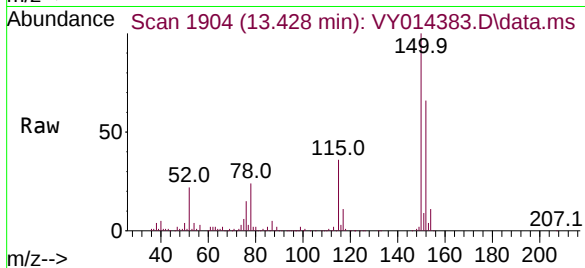
Acq: 22 Jun 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TP6-09-10S-4RE



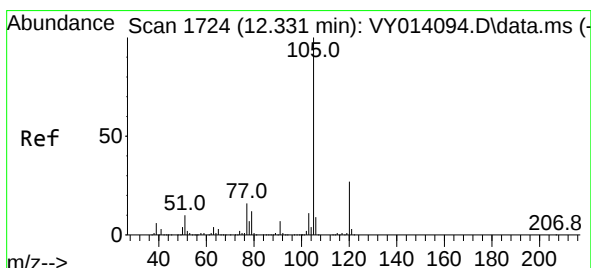
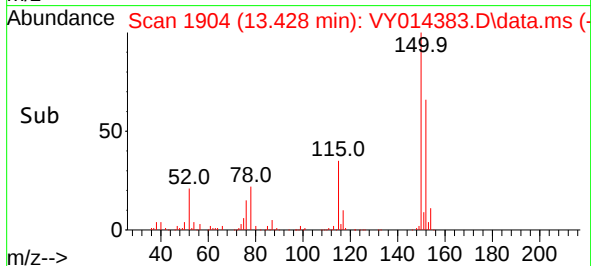
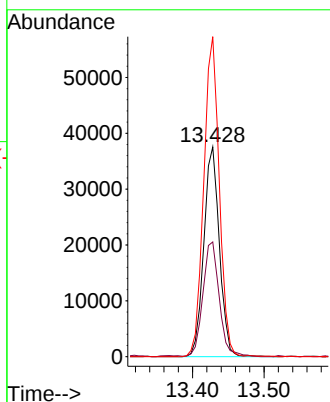
Tgt Ion:152 Resp: 56677

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 152.6 0.0 348.8



#73

Isopropylbenzene

Concen: 1.545 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY014383.D

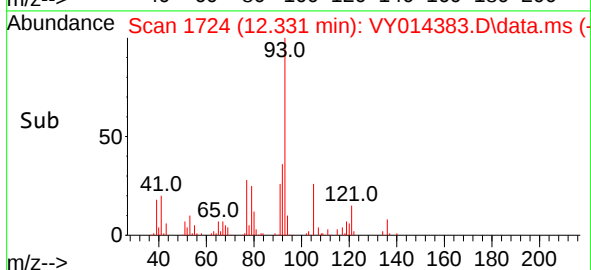
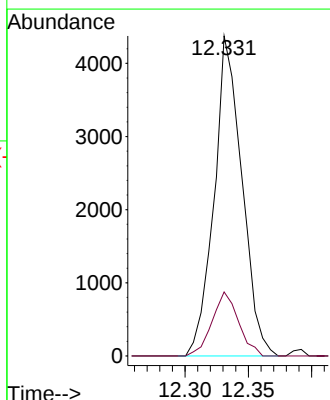
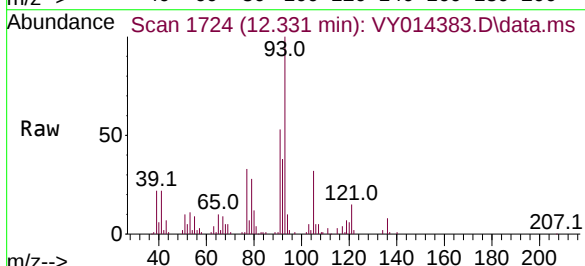
Acq: 22 Jun 2023 16:49

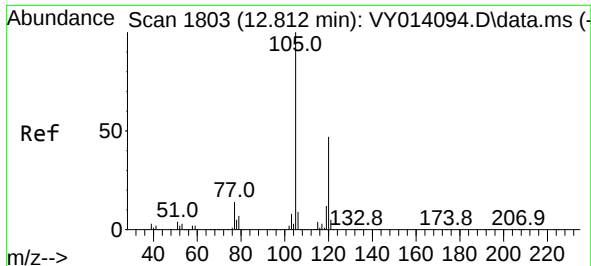
Tgt Ion:105 Resp: 6678

Ion Ratio Lower Upper

105 100

120 19.1 13.3 39.9

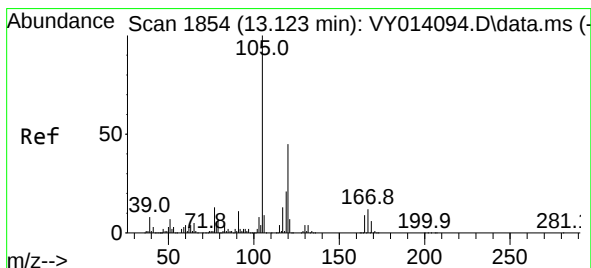
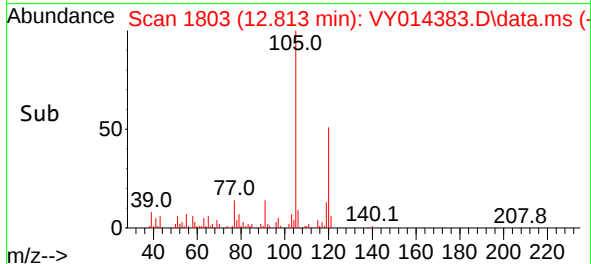
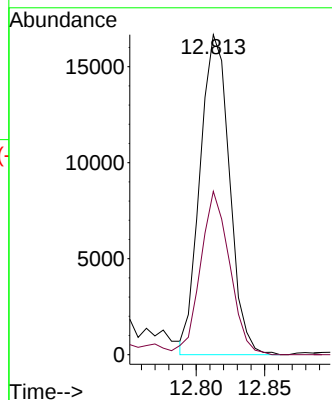
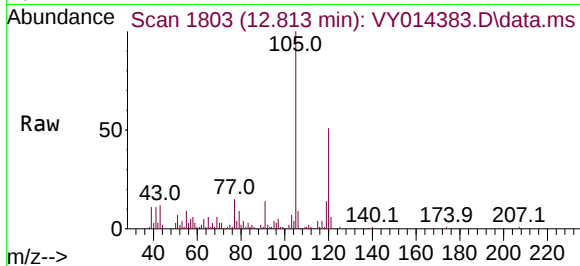




#80
1,3,5-Trimethylbenzene
Concen: 6.737 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TP6-09-10S-4RE

Tgt Ion:105 Resp: 24940
Ion Ratio Lower Upper
105 100
120 50.5 23.9 71.7



#84
1,2,4-Trimethylbenzene
Concen: 8.124 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014383.D
Acq: 22 Jun 2023 16:49

Tgt Ion:105 Resp: 29771
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6

