

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014416.D
 Acq On : 23 Jun 2023 18:35
 Operator : KP/MD
 Sample : 03362-25
 Misc : 9.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-25-GRAB-7

Quant Time: Jun 23 23:14:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

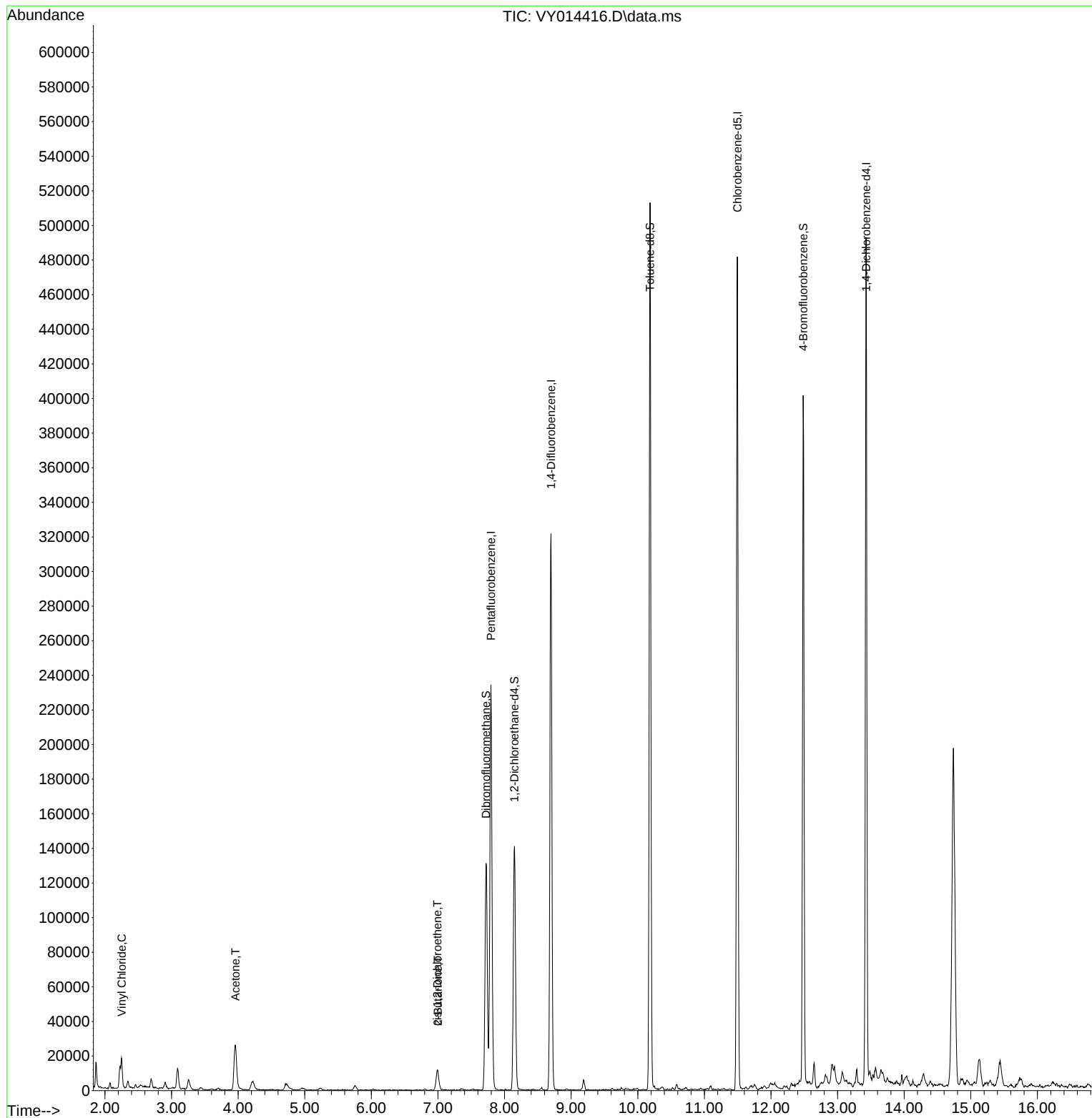
Internal Standards						
1) Pentafluorobenzene	7.795	168	178436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	275449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	259585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126298	57.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.020%
35) Dibromofluoromethane	7.722	113	87738	51.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.185	98	329341	48.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.483	95	109026	45.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.280%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	3629	2.054	ug/l #	83
16) Acetone	3.960	43	47813	68.586	ug/l	99
25) 2-Butanone	6.996	43	3573	4.115	ug/l #	76
27) cis-1,2-Dichloroethene	6.990	96	4117	2.023	ug/l	83

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

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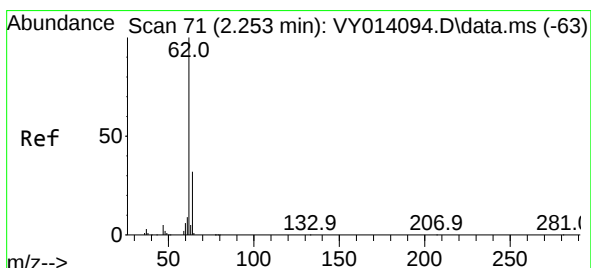
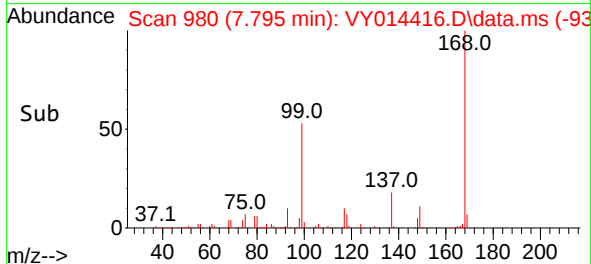
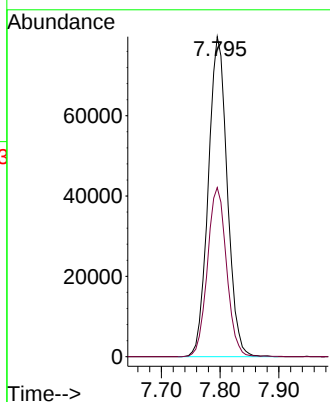
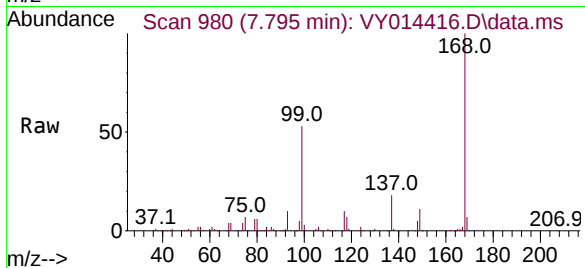




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014416.D
Acq: 23 Jun 2023 18:35

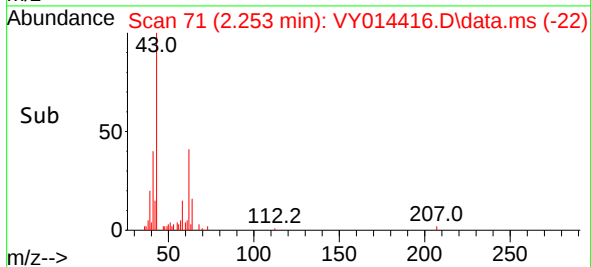
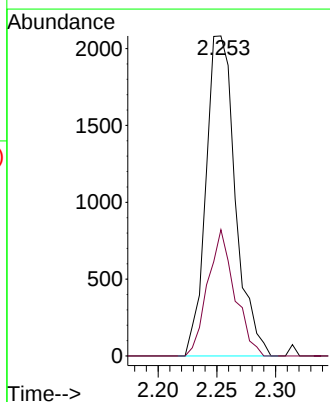
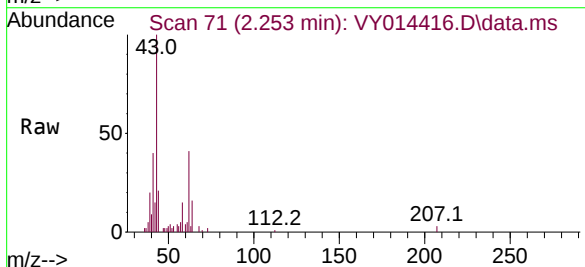
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-25-GRAB-7

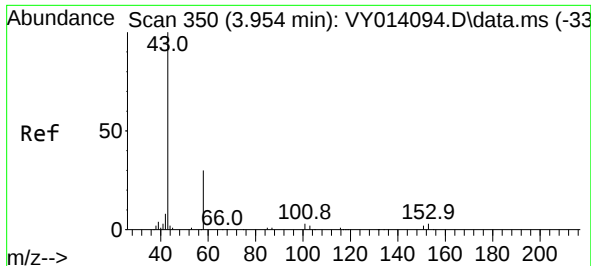
Tgt Ion:168 Resp: 178436
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#4
Vinyl Chloride
Concen: 2.054 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014416.D
Acq: 23 Jun 2023 18:35

Tgt Ion: 62 Resp: 3629
Ion Ratio Lower Upper
62 100
64 39.5 24.3 36.5#





#16

Acetone

Concen: 68.586 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY014416.D

Acq: 23 Jun 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

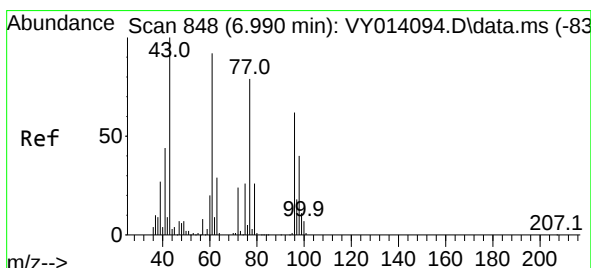
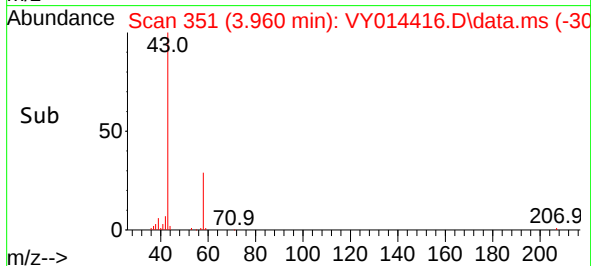
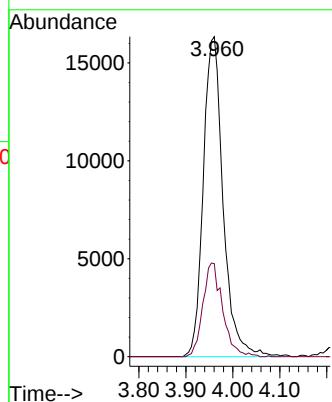
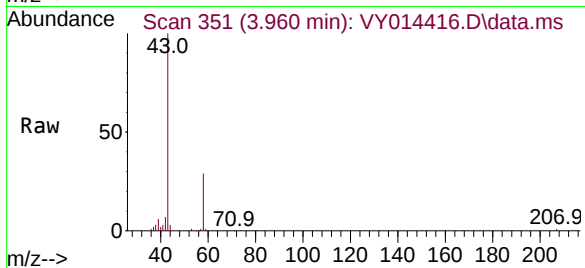
TOTAL-VOC-SB-25-GRAB-7

Tgt Ion: 43 Resp: 47813

Ion Ratio Lower Upper

43 100

58 29.1 22.7 34.1



#25

2-Butanone

Concen: 4.115 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY014416.D

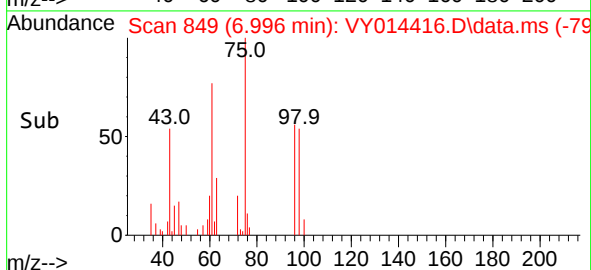
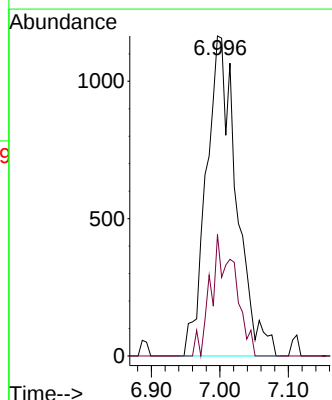
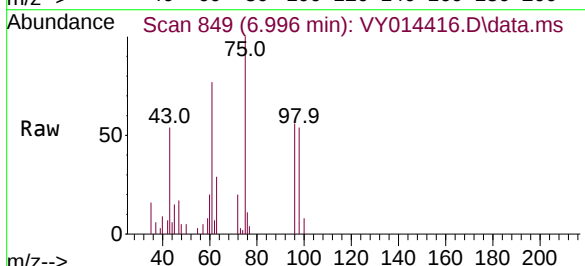
Acq: 23 Jun 2023 18:35

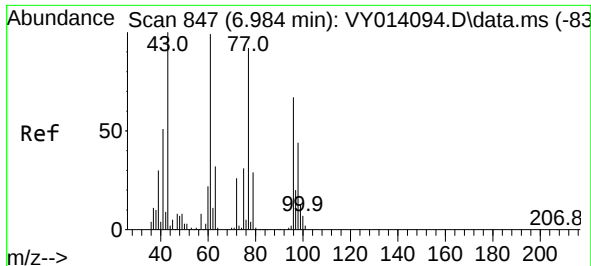
Tgt Ion: 43 Resp: 3573

Ion Ratio Lower Upper

43 100

72 37.9 20.5 30.7#





#27

cis-1,2-Dichloroethene

Concen: 2.023 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014416.D

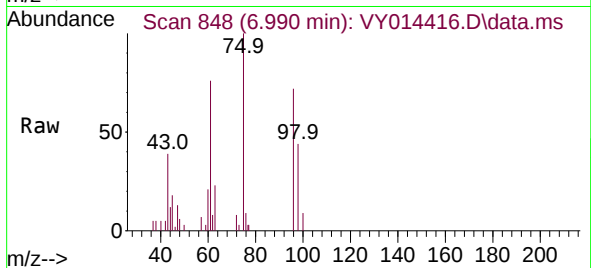
Acq: 23 Jun 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-25-GRAB-7



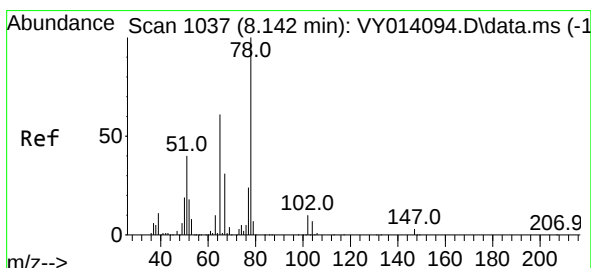
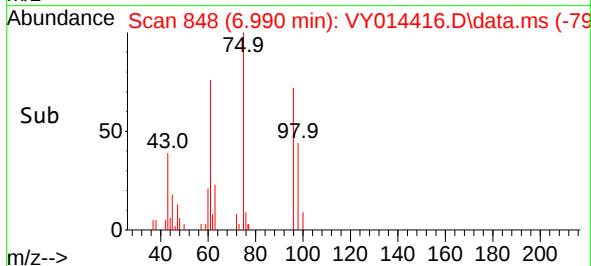
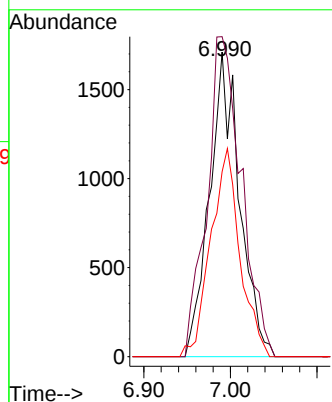
Tgt Ion: 96 Resp: 4117

Ion Ratio Lower Upper

96 100

61 120.1 0.0 301.4

98 66.6 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 57.008 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY014416.D

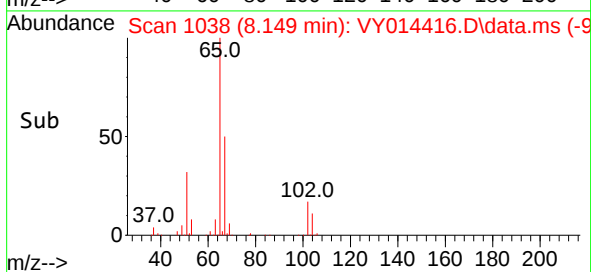
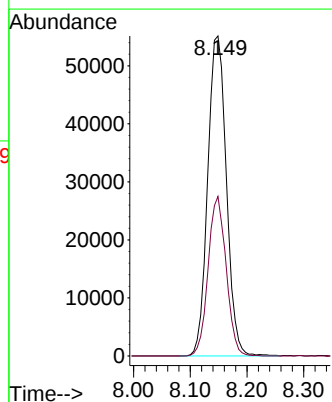
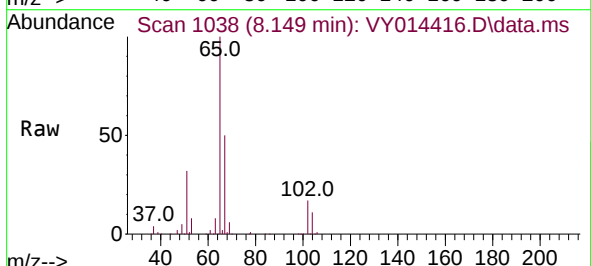
Acq: 23 Jun 2023 18:35

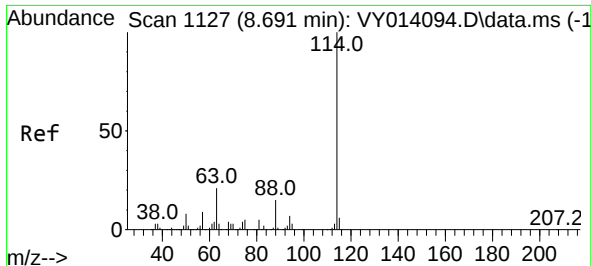
Tgt Ion: 65 Resp: 126298

Ion Ratio Lower Upper

65 100

67 48.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014416.D

Acq: 23 Jun 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-25-GRAB-7

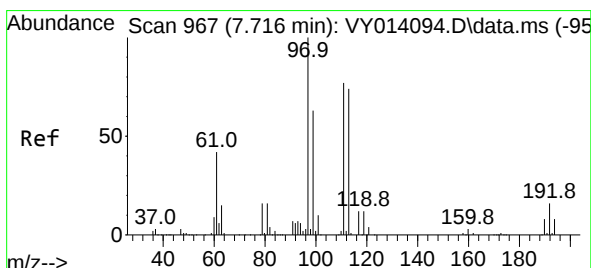
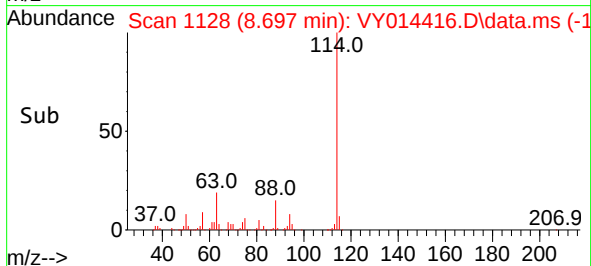
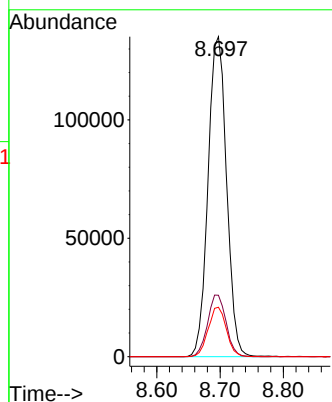
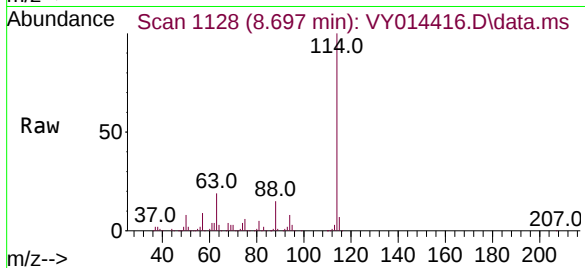
Tgt Ion:114 Resp: 275449

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.557 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014416.D

Acq: 23 Jun 2023 18:35

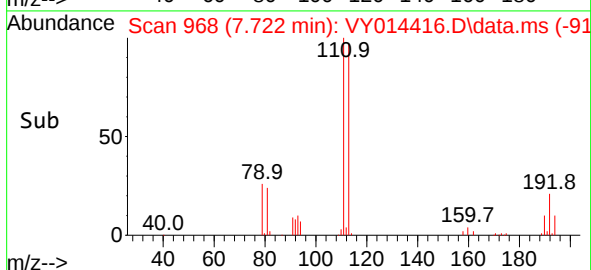
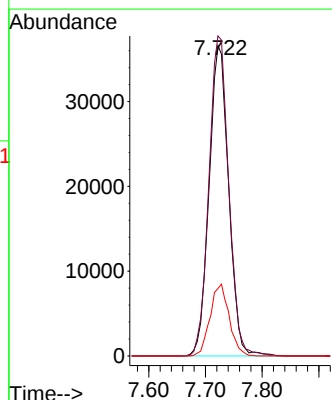
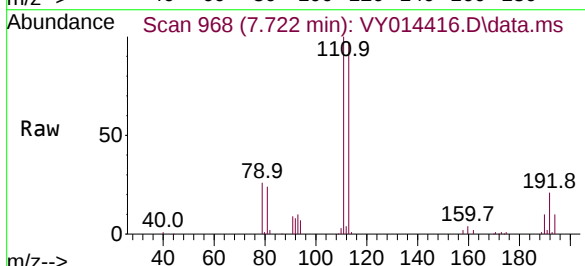
Tgt Ion:113 Resp: 87738

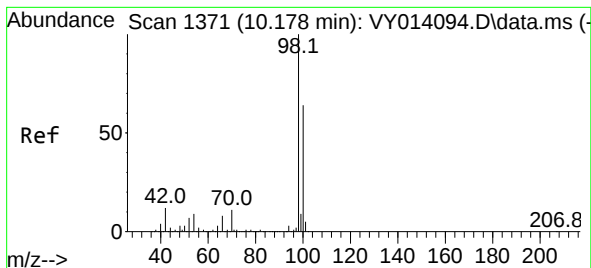
Ion Ratio Lower Upper

113 100

111 104.4 81.3 121.9

192 22.5 16.9 25.3





#50

Toluene-d8

Concen: 48.685 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014416.D

Acq: 23 Jun 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

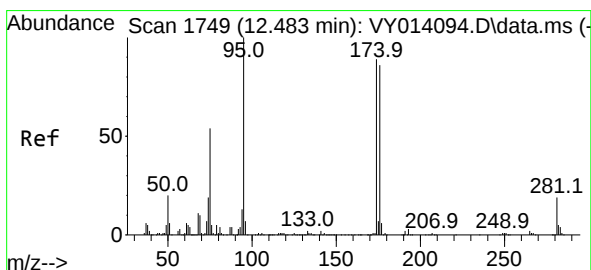
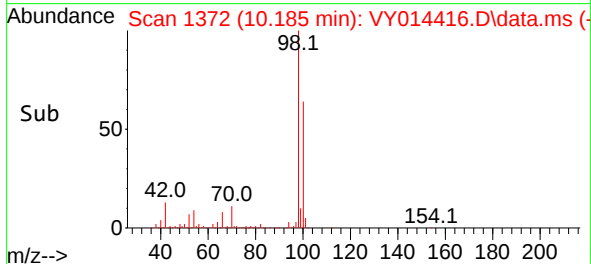
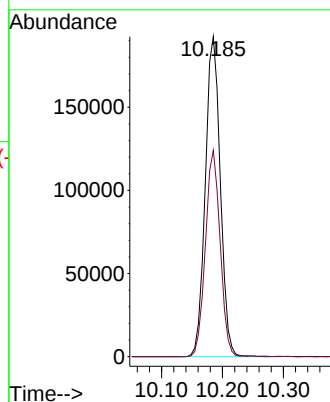
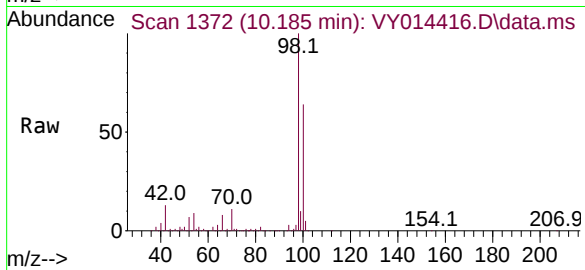
TOTAL-VOC-SB-25-GRAB-7

Tgt Ion: 98 Resp: 329341

Ion Ratio Lower Upper

98 100

100 63.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 45.144 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014416.D

Acq: 23 Jun 2023 18:35

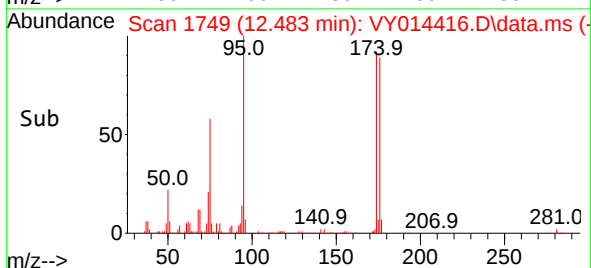
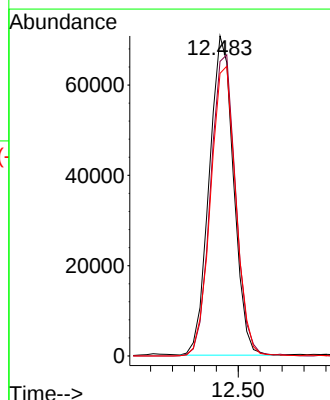
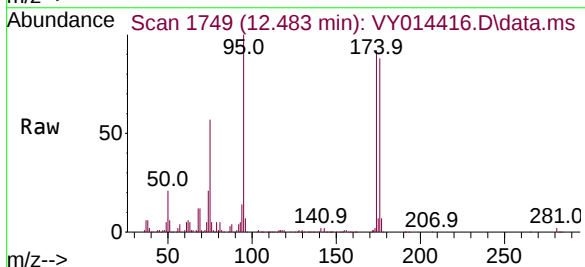
Tgt Ion: 95 Resp: 109026

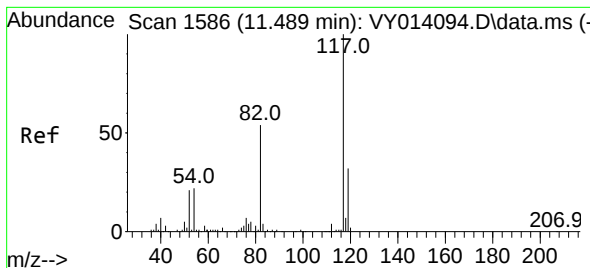
Ion Ratio Lower Upper

95 100

174 97.3 0.0 178.2

176 94.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014416.D

Acq: 23 Jun 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-25-GRAB-7

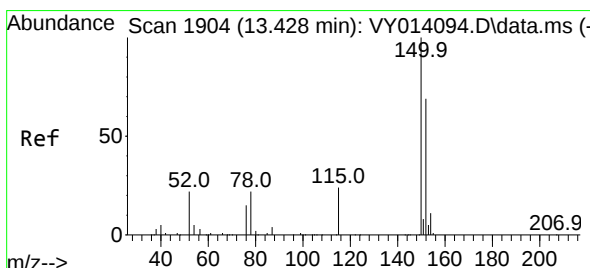
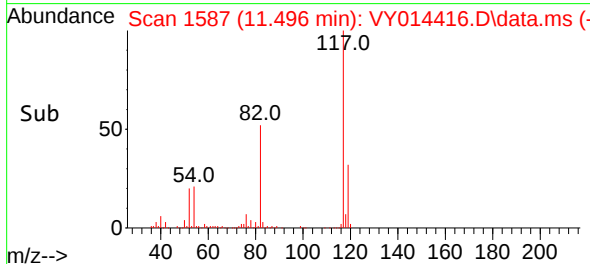
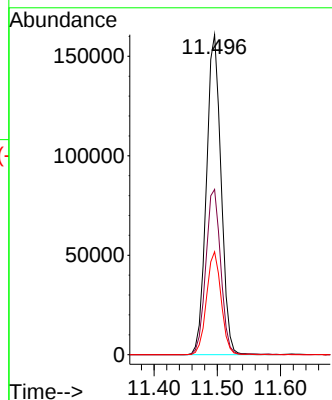
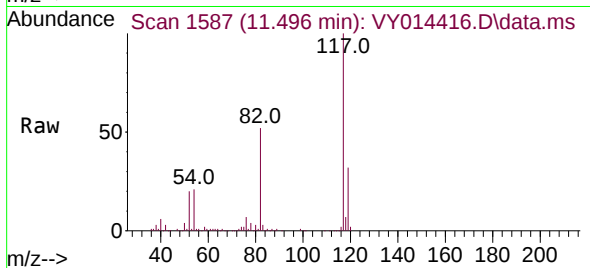
Tgt Ion:117 Resp: 259585

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 32.2 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: VY014416.D

Acq: 23 Jun 2023 18:35

Tgt Ion:152 Resp: 124349

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 158.4 0.0 348.8

