

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014171.D
 Acq On : 14 Jun 2023 22:07
 Operator : KP/MD
 Sample : 03224-06
 Misc : 8.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-01/02-GRAB-5B1

Quant Time: Jun 15 01:48:48 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)

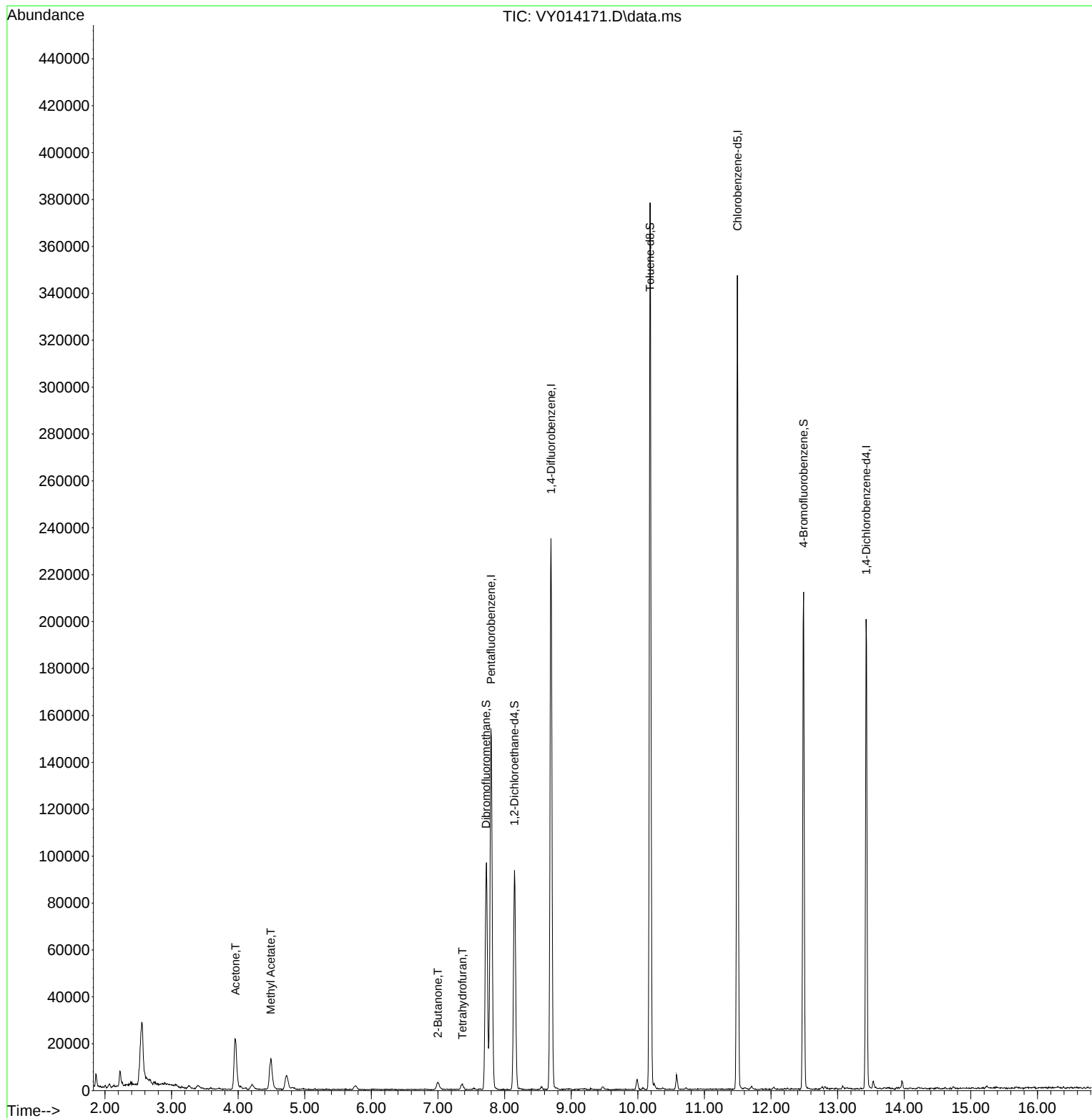
Internal Standards						
1) Pentafluorobenzene	7.795	168	119876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	176518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77356	46.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.680%
35) Dibromofluoromethane	7.722	113	65559	46.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.680%
50) Toluene-d8	10.185	98	239510	45.771	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.540%
62) 4-Bromofluorobenzene	12.489	95	59381	31.945	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.900%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	39792	79.082	ug/l	95
18) Methyl Acetate	4.491	43	26644	13.642	ug/l	100
25) 2-Butanone	6.996	43	4754	7.675	ug/l #	87
29) Tetrahydrofuran	7.368	42	1823	4.641	ug/l	98

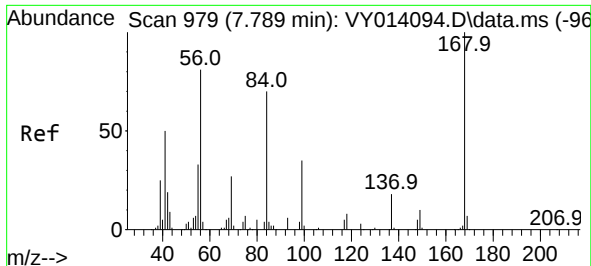
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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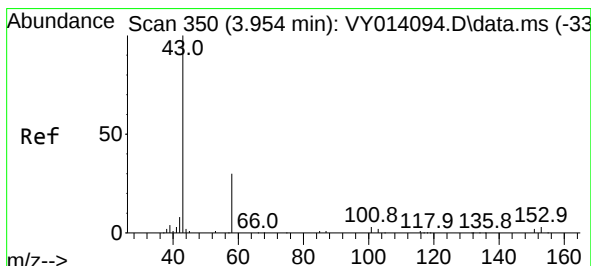
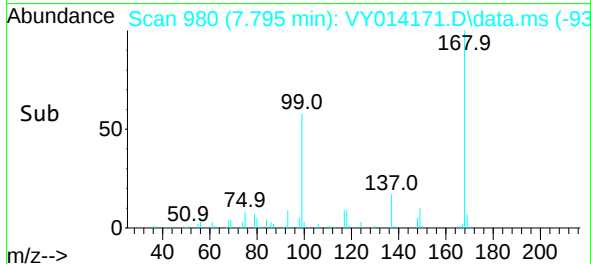
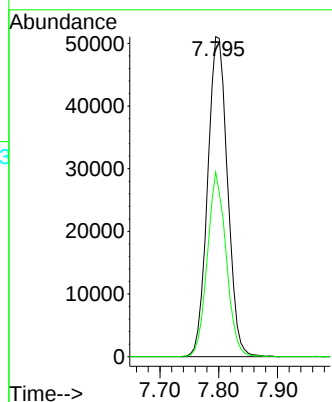
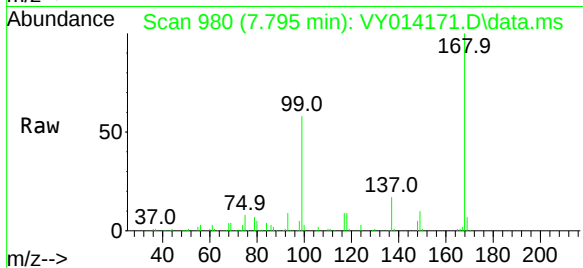




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014171.D
Acq: 14 Jun 2023 22:07

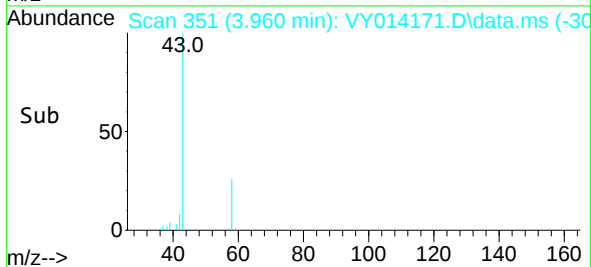
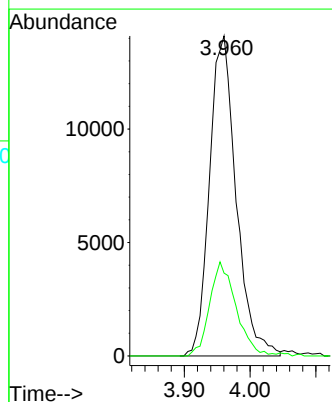
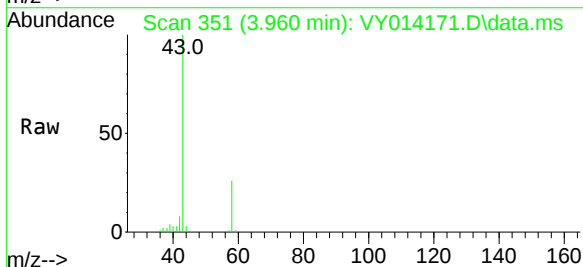
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B1

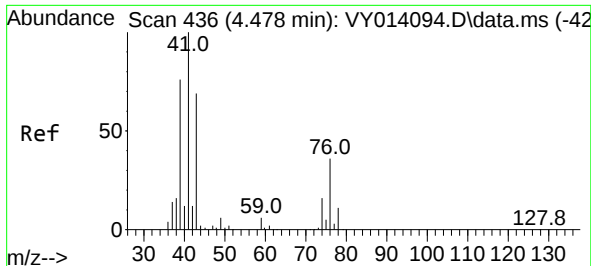
Tgt Ion:168 Resp: 119876
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#16
Acetone
Concen: 79.082 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014171.D
Acq: 14 Jun 2023 22:07

Tgt Ion: 43 Resp: 39792
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1

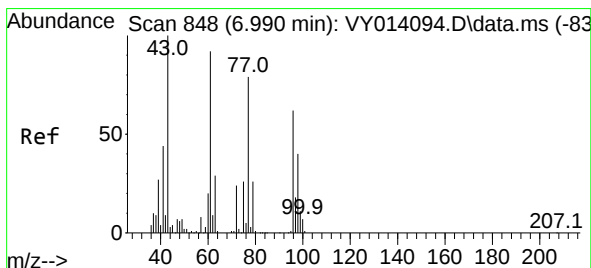
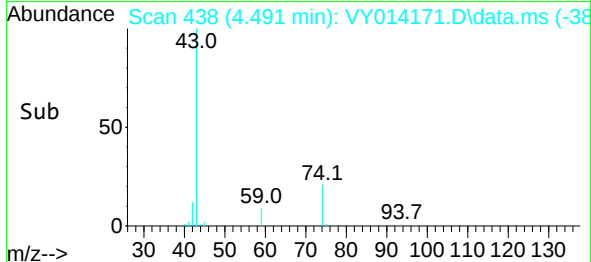
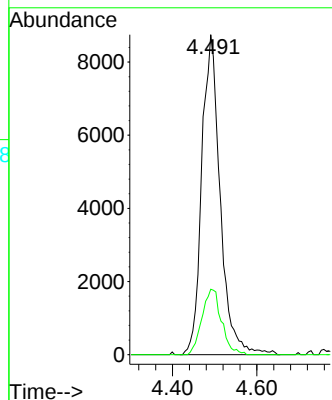
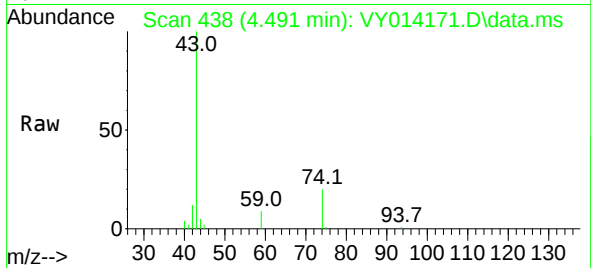




#18
Methyl Acetate
Concen: 13.642 ug/l
RT: 4.491 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY014171.D
Acq: 14 Jun 2023 22:07

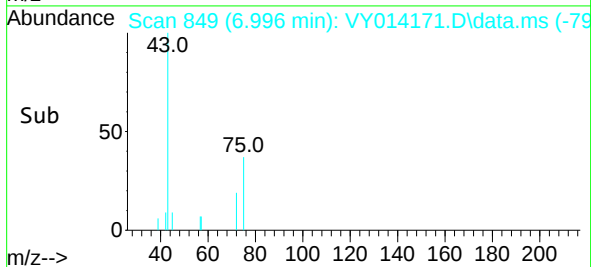
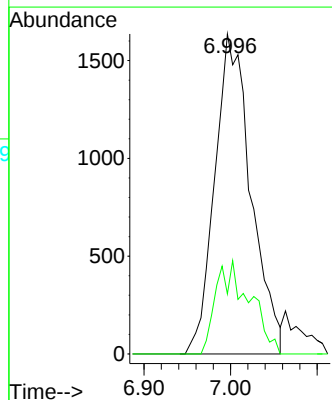
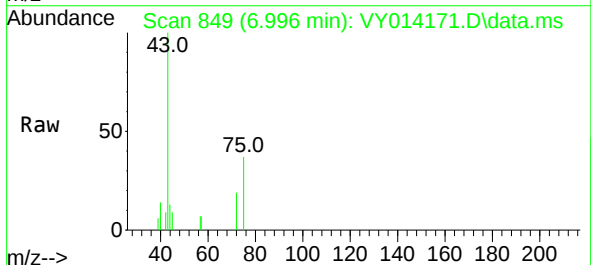
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B1

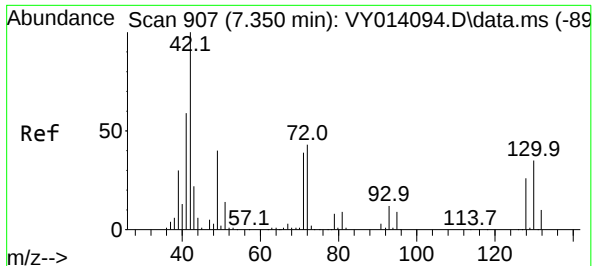
Tgt Ion: 43 Resp: 26644
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0



#25
2-Butanone
Concen: 7.675 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY014171.D
Acq: 14 Jun 2023 22:07

Tgt Ion: 43 Resp: 4754
Ion Ratio Lower Upper
43 100
72 18.8 20.5 30.7#





#29

Tetrahydrofuran

Concen: 4.641 ug/l

RT: 7.368 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY014171.D

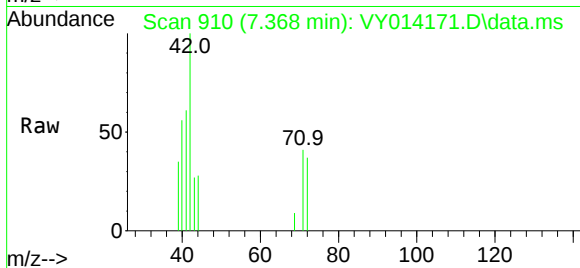
Acq: 14 Jun 2023 22:07

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B1



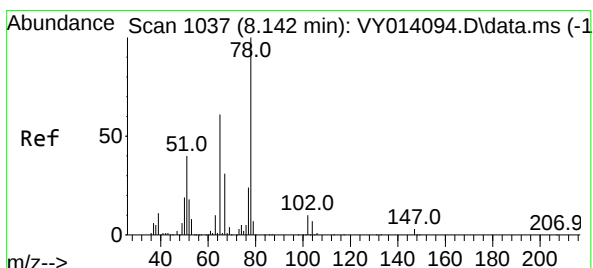
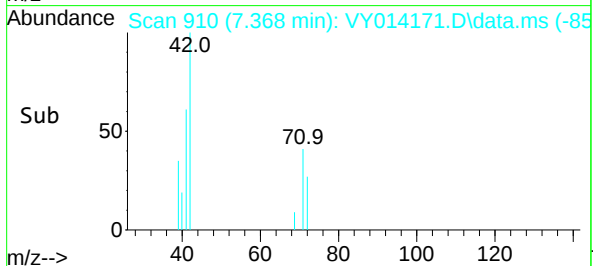
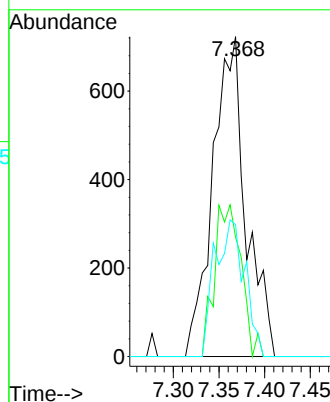
Tgt Ion: 42 Resp: 1823

Ion Ratio Lower Upper

42 100

72 38.3 32.8 49.2

71 38.5 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 46.341 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY014171.D

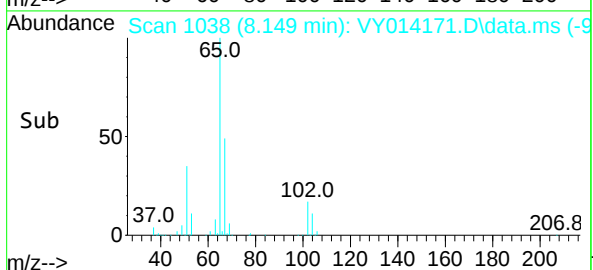
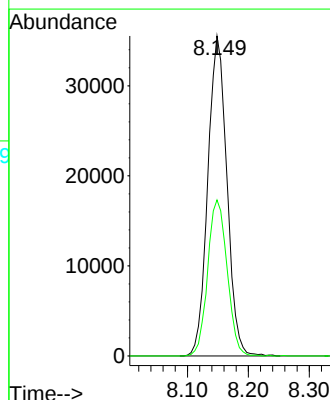
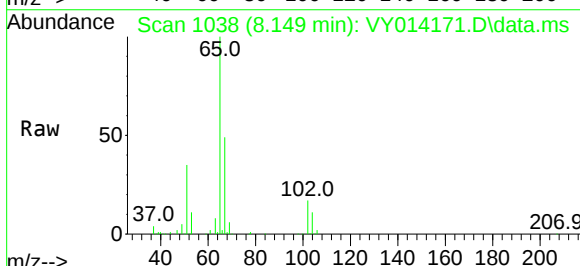
Acq: 14 Jun 2023 22:07

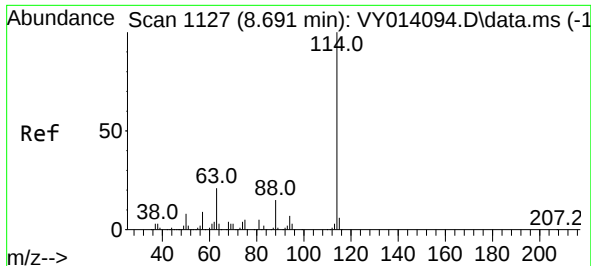
Tgt Ion: 65 Resp: 77356

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.8

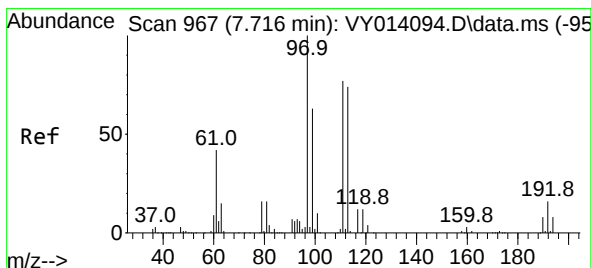
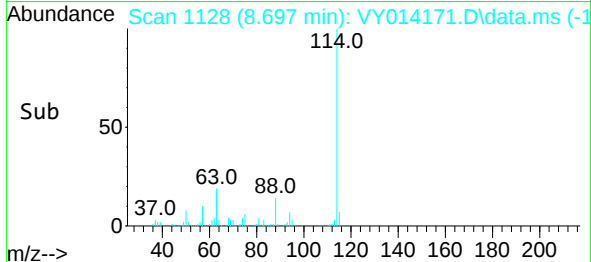
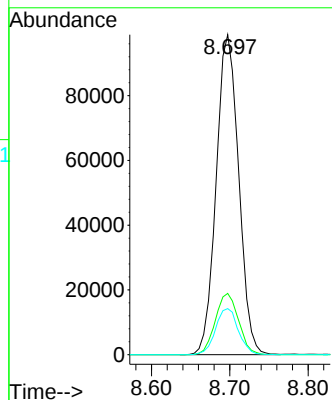
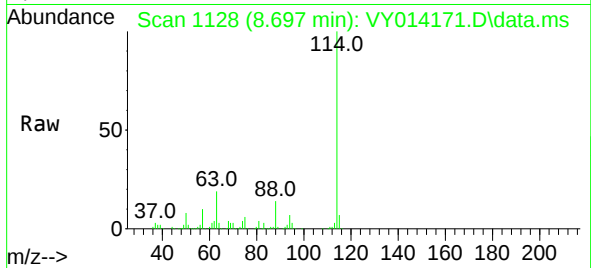




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014171.D
Acq: 14 Jun 2023 22:07

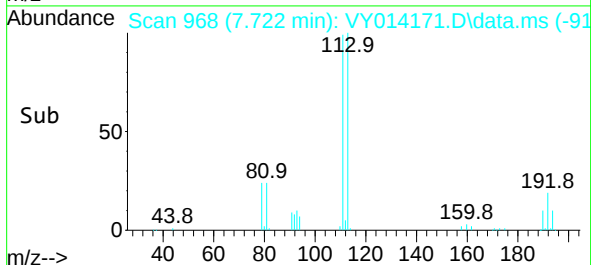
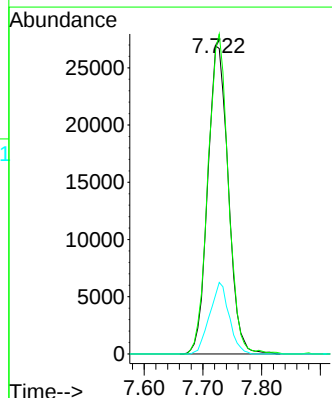
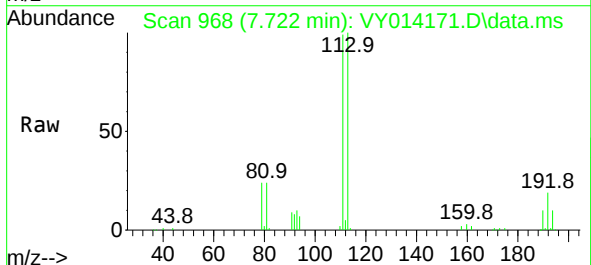
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-01/02-GRAB-5B1

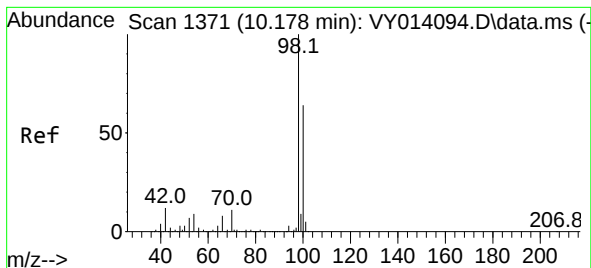
Tgt Ion:	114	Resp:	197364
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.4
88	14.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 46.839 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014171.D
Acq: 14 Jun 2023 22:07

Tgt Ion:	113	Resp:	65559
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	21.9	16.9	25.3





#50

Toluene-d8

Concen: 45.771 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014171.D

Acq: 14 Jun 2023 22:07

Instrument :

MSVOA_Y

ClientSampleId :

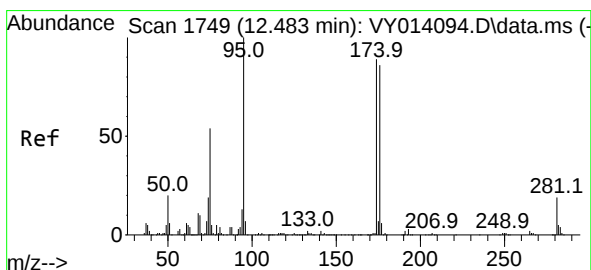
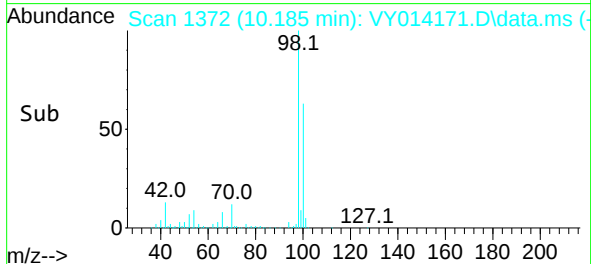
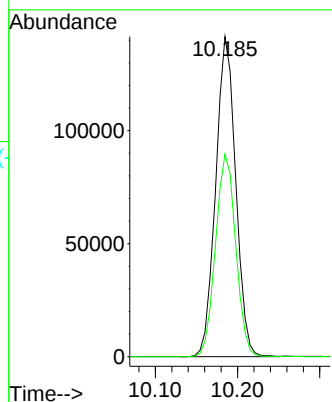
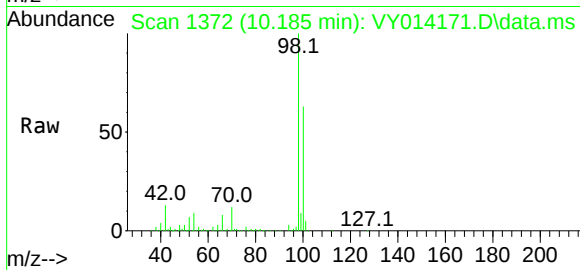
TOTAL-VOC-SB-01/02-GRAB-5B1

Tgt Ion: 98 Resp: 239510

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 31.945 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY014171.D

Acq: 14 Jun 2023 22:07

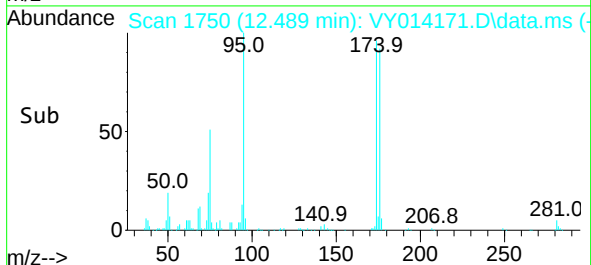
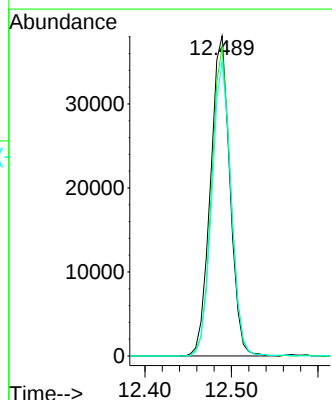
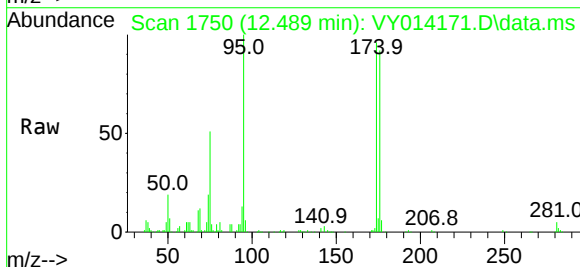
Tgt Ion: 95 Resp: 59381

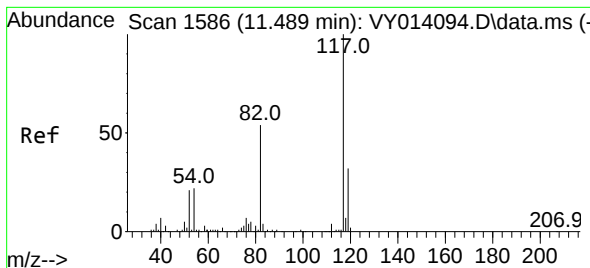
Ion Ratio Lower Upper

95 100

174 95.3 0.0 178.2

176 90.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014171.D

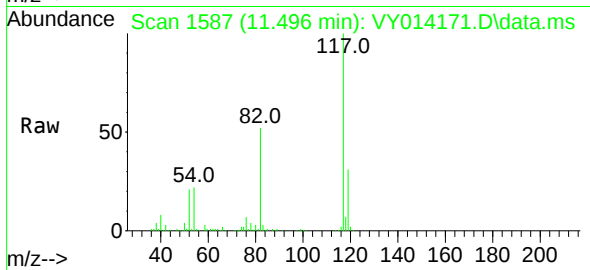
Acq: 14 Jun 2023 22:07

Instrument :

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ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B1



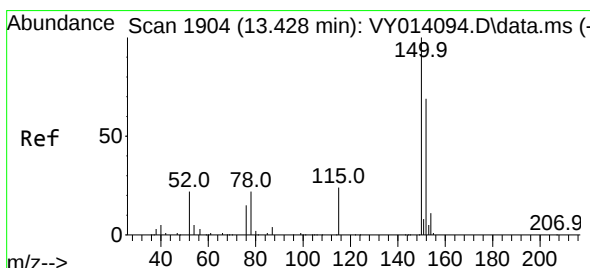
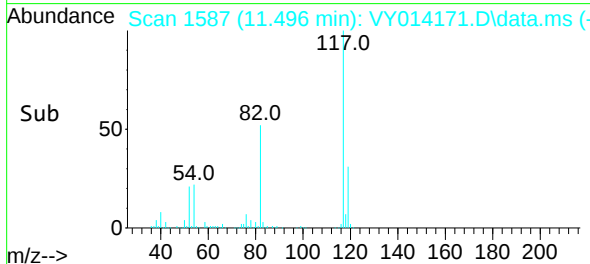
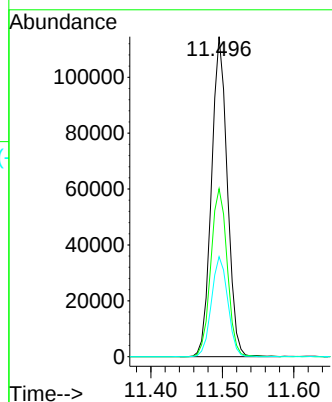
Tgt Ion:117 Resp: 176518

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 31.2 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: VY014171.D

Acq: 14 Jun 2023 22:07

Tgt Ion:152 Resp: 52135

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 154.4 0.0 348.8

