

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014379.D
 Acq On : 22 Jun 2023 15:15
 Operator : KP/MD
 Sample : 03296-23RE
 Misc : 2.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-07-GRAB-6RE

Quant Time: Jun 22 17:19:29 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)

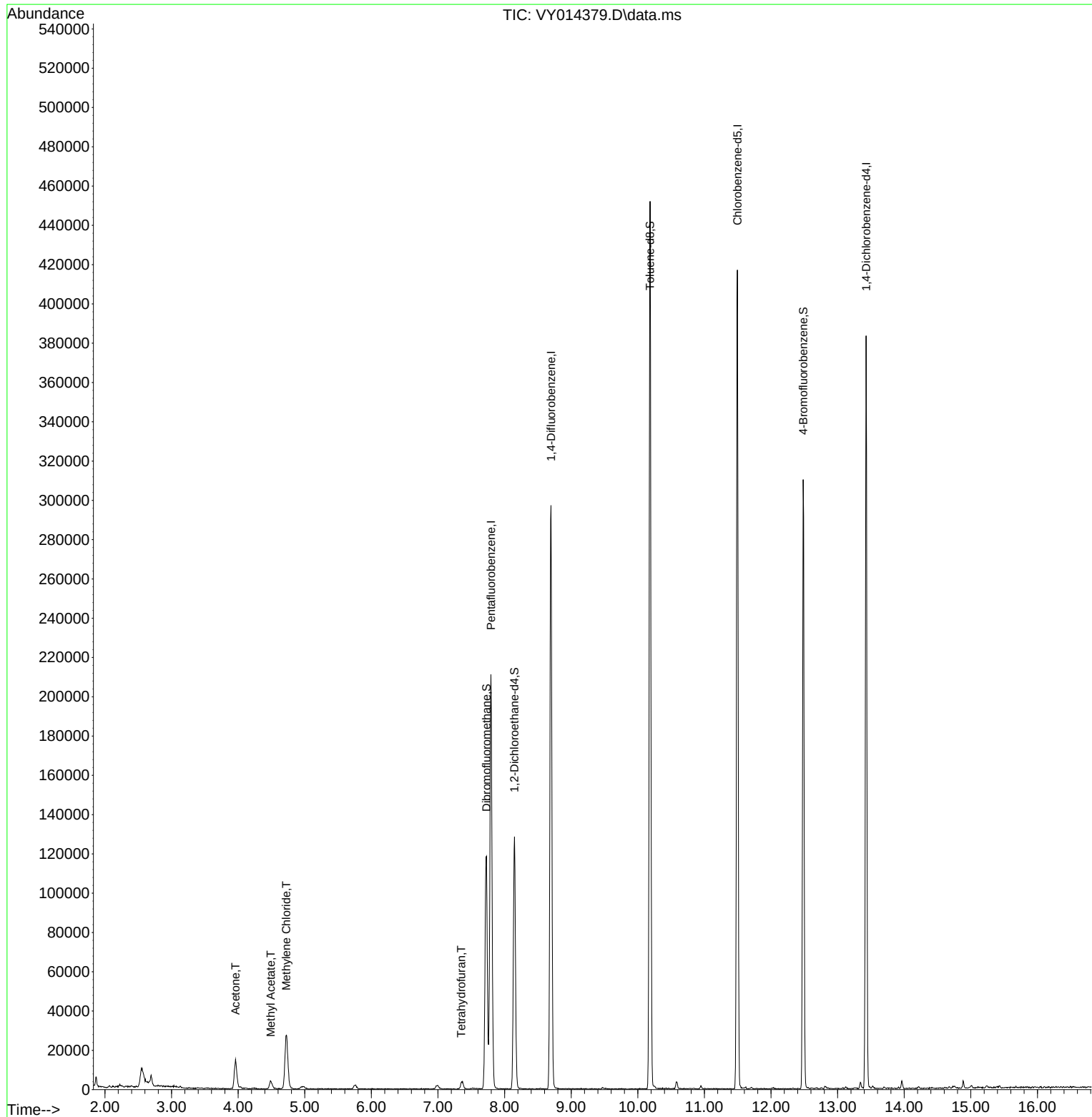
Internal Standards						
1) Pentafluorobenzene	7.795	168	163333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	251888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	225979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110428	48.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.100%
35) Dibromofluoromethane	7.728	113	81247	45.483	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.960%
50) Toluene-d8	10.185	98	296802	44.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.880%
62) 4-Bromofluorobenzene	12.483	95	88685	37.383	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.760%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	25391	37.035	ug/l	97
18) Methyl Acetate	4.491	43	7622	2.864	ug/l	93
20) Methylene Chloride	4.722	84	20390	6.173	ug/l	90
29) Tetrahydrofuran	7.350	42	3066	5.729	ug/l #	92

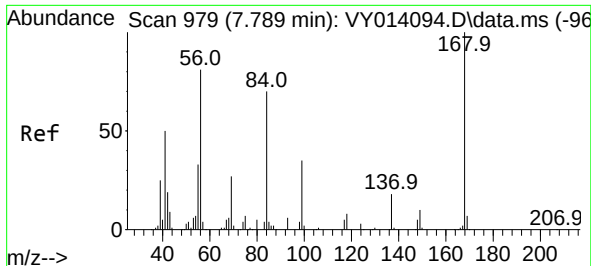
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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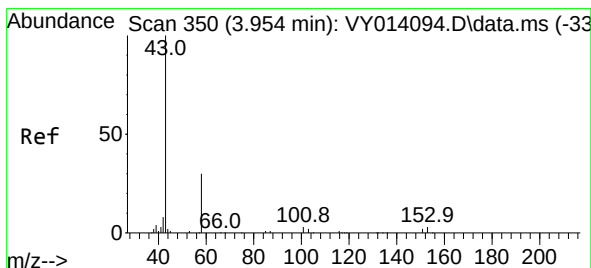
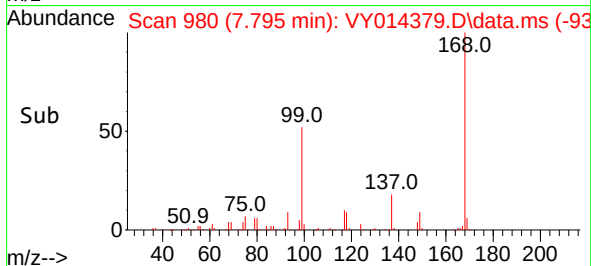
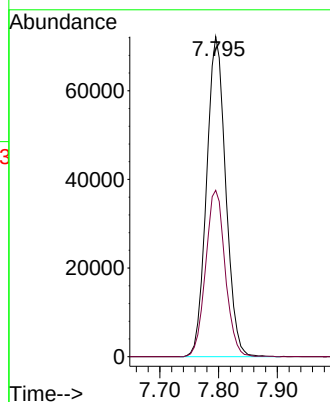
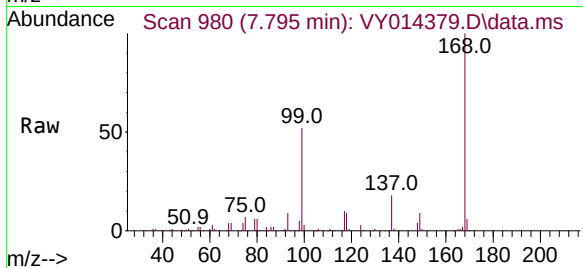




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014379.D
Acq: 22 Jun 2023 15:15

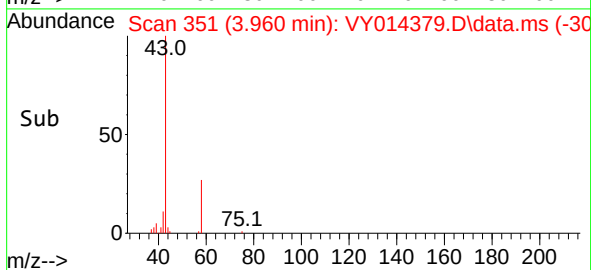
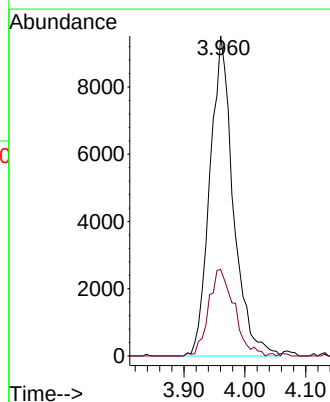
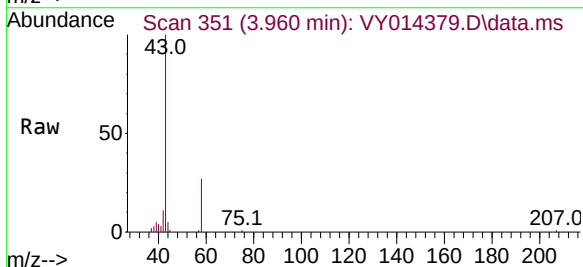
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-07-GRAB-6RE

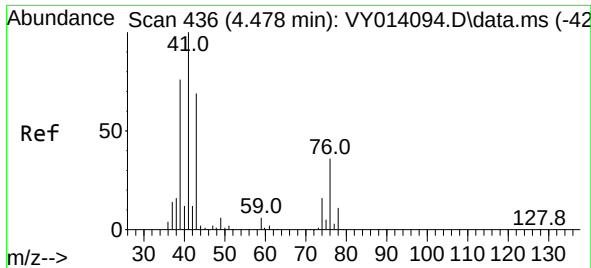
Tgt Ion:168 Resp: 163333
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#16
Acetone
Concen: 37.035 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014379.D
Acq: 22 Jun 2023 15:15

Tgt Ion: 43 Resp: 25391
Ion Ratio Lower Upper
43 100
58 27.0 22.7 34.1

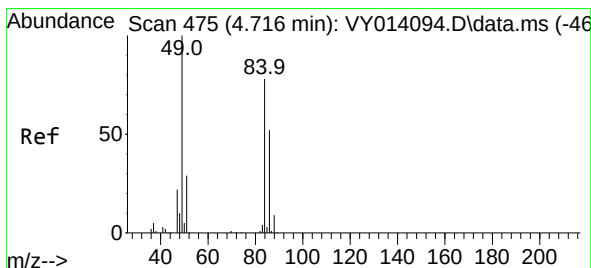
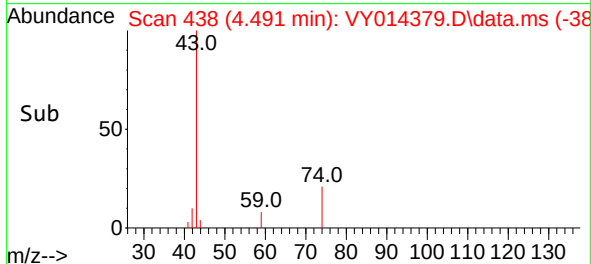
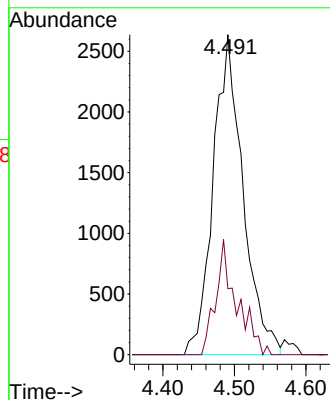
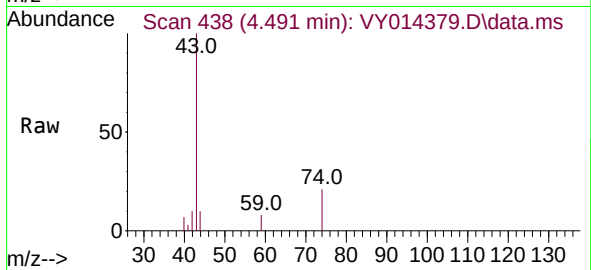




#18
Methyl Acetate
Concen: 2.864 ug/l
RT: 4.491 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY014379.D
Acq: 22 Jun 2023 15:15

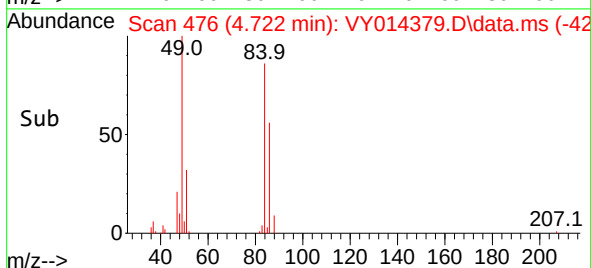
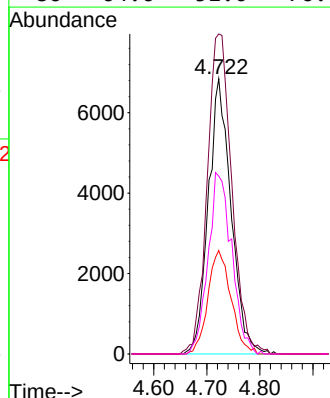
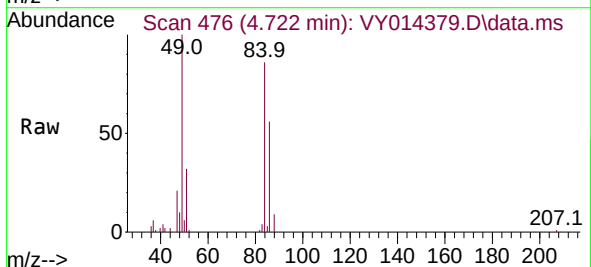
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-07-GRAB-6RE

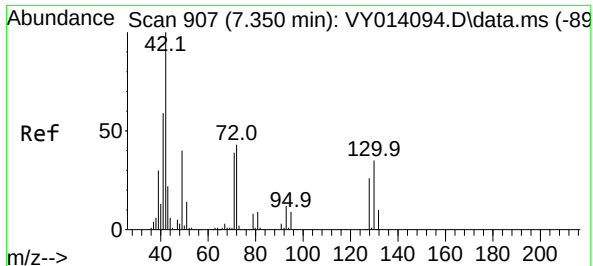
Tgt Ion: 43 Resp: 7622
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0



#20
Methylene Chloride
Concen: 6.173 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014379.D
Acq: 22 Jun 2023 15:15

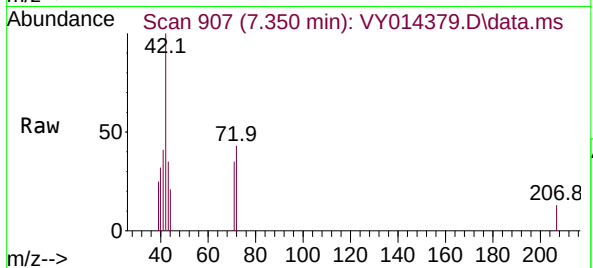
Tgt Ion: 84 Resp: 20390
Ion Ratio Lower Upper
84 100
49 116.3 106.9 160.3
51 37.5 33.2 49.8
86 64.6 51.0 76.6



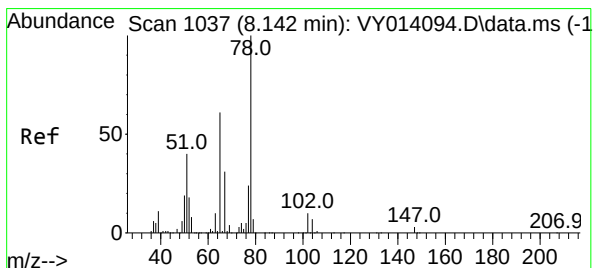
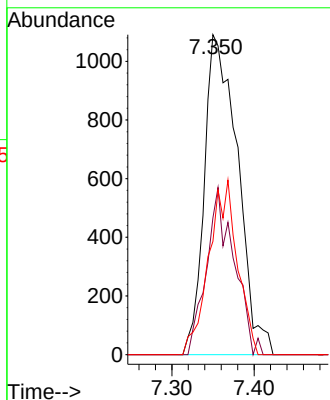
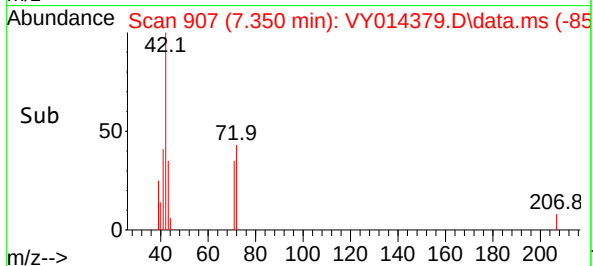


#29
Tetrahydrofuran
Concen: 5.729 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014379.D
Acq: 22 Jun 2023 15:15

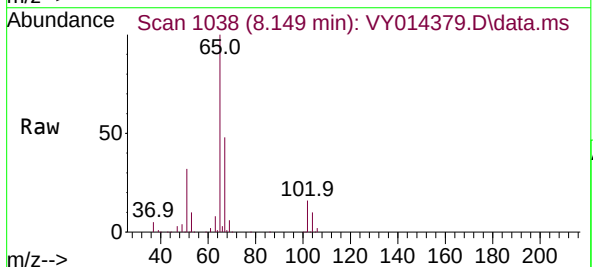
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-07-GRAB-6RE



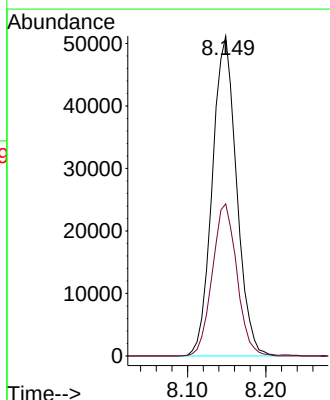
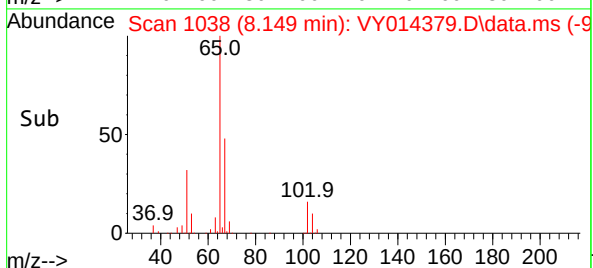
Tgt Ion: 42 Resp: 3066
Ion Ratio Lower Upper
42 100
72 43.4 32.8 49.2
71 46.6 31.0 46.4#

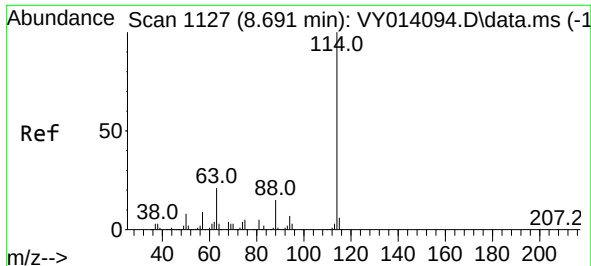


#33
1,2-Dichloroethane-d4
Concen: 48.552 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014379.D
Acq: 22 Jun 2023 15:15



Tgt Ion: 65 Resp: 110428
Ion Ratio Lower Upper
65 100
67 48.0 0.0 101.8

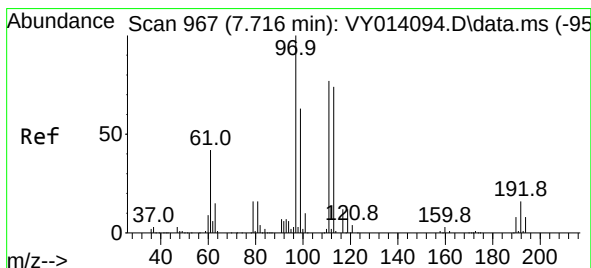
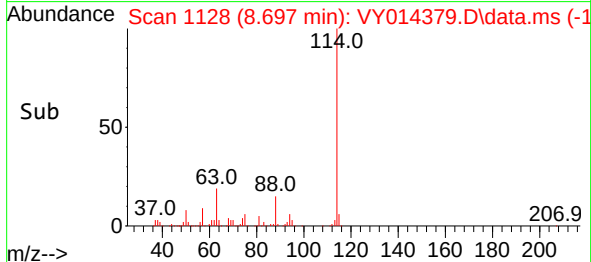
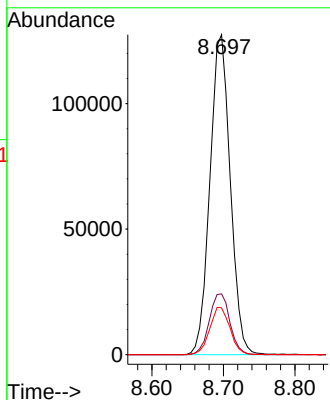
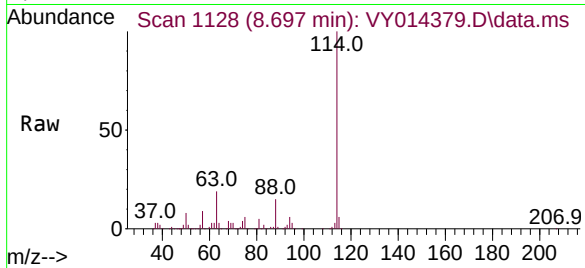




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014379.D
Acq: 22 Jun 2023 15:15

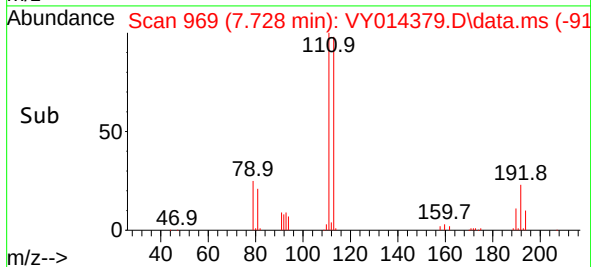
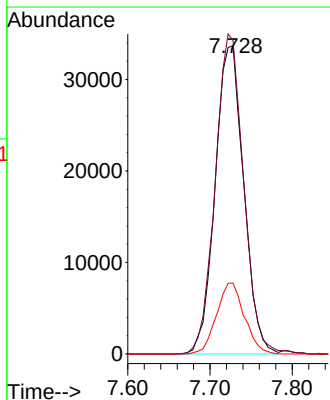
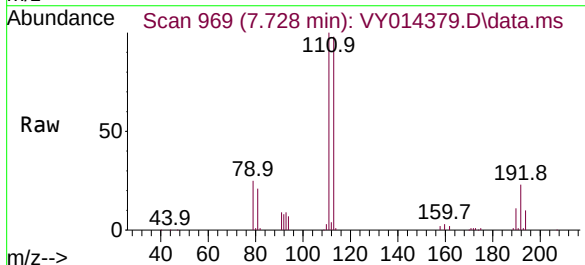
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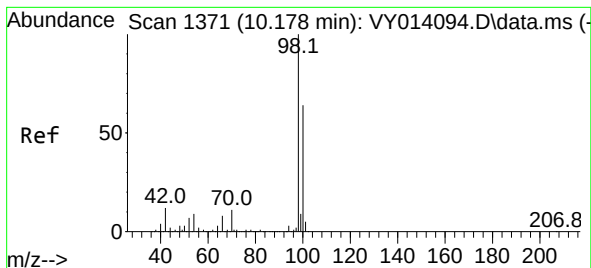
Tgt Ion:114 Resp: 251888
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.483 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014379.D
Acq: 22 Jun 2023 15:15

Tgt Ion:113 Resp: 81247
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 22.5 16.9 25.3





#50

Toluene-d8

Concen: 44.442 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014379.D

Acq: 22 Jun 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

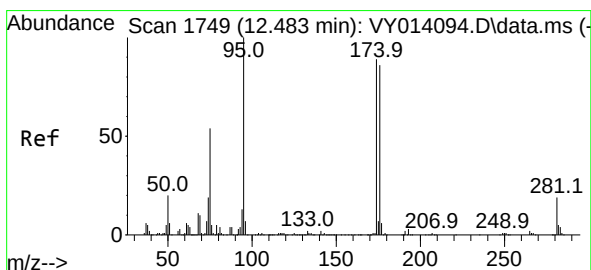
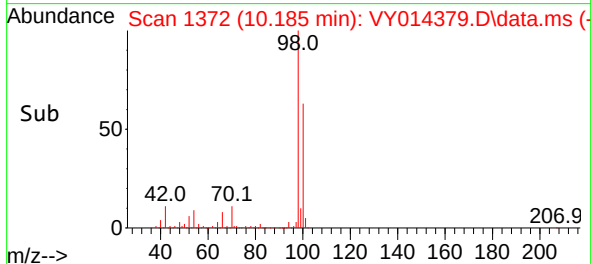
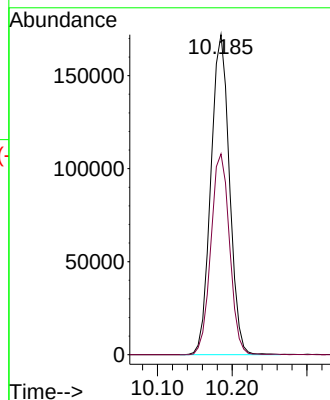
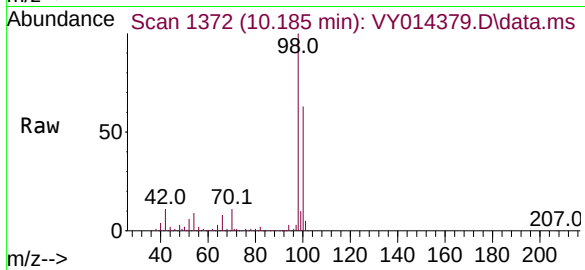
TOTAL-VOC-TW-07-GRAB-6RE

Tgt Ion: 98 Resp: 296802

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 37.383 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014379.D

Acq: 22 Jun 2023 15:15

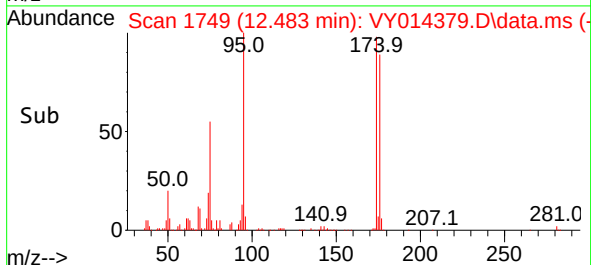
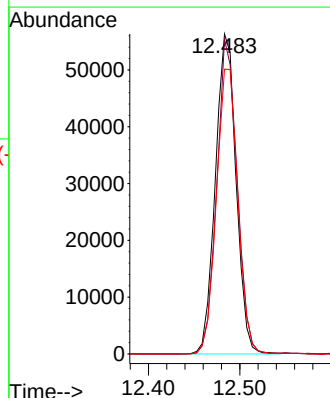
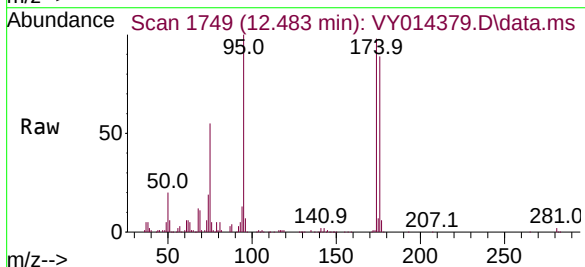
Tgt Ion: 95 Resp: 88685

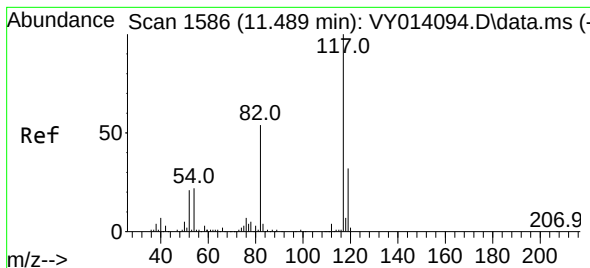
Ion Ratio Lower Upper

95 100

174 96.8 0.0 178.2

176 92.4 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: VY014379.D

Acq: 22 Jun 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-07-GRAB-6RE

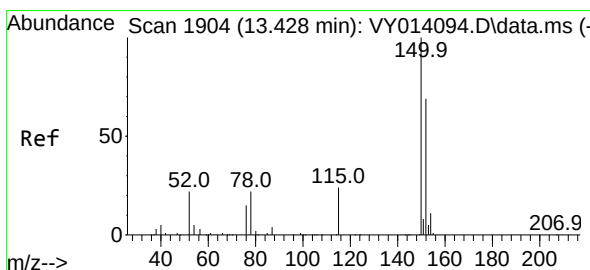
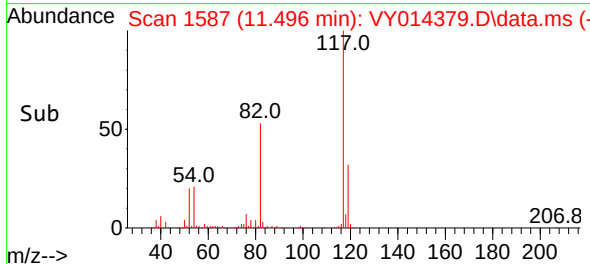
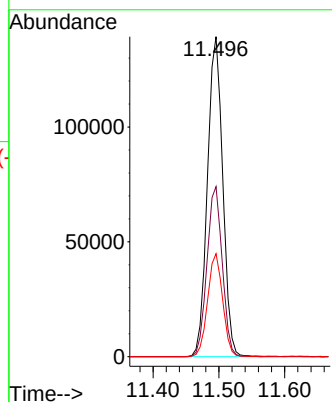
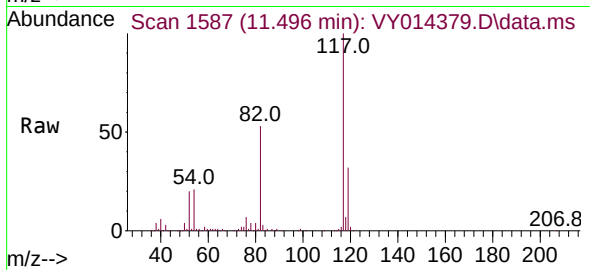
Tgt Ion:117 Resp: 225979

Ion Ratio Lower Upper

117 100

82 53.2 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: VY014379.D

Acq: 22 Jun 2023 15:15

Tgt Ion:152 Resp: 98235

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 158.1 0.0 348.8

