

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014380.D
 Acq On : 22 Jun 2023 15:38
 Operator : KP/MD
 Sample : 03296-24
 Misc : 2.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-07-GRAB-7

Quant Time: Jun 22 17:19:36 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)

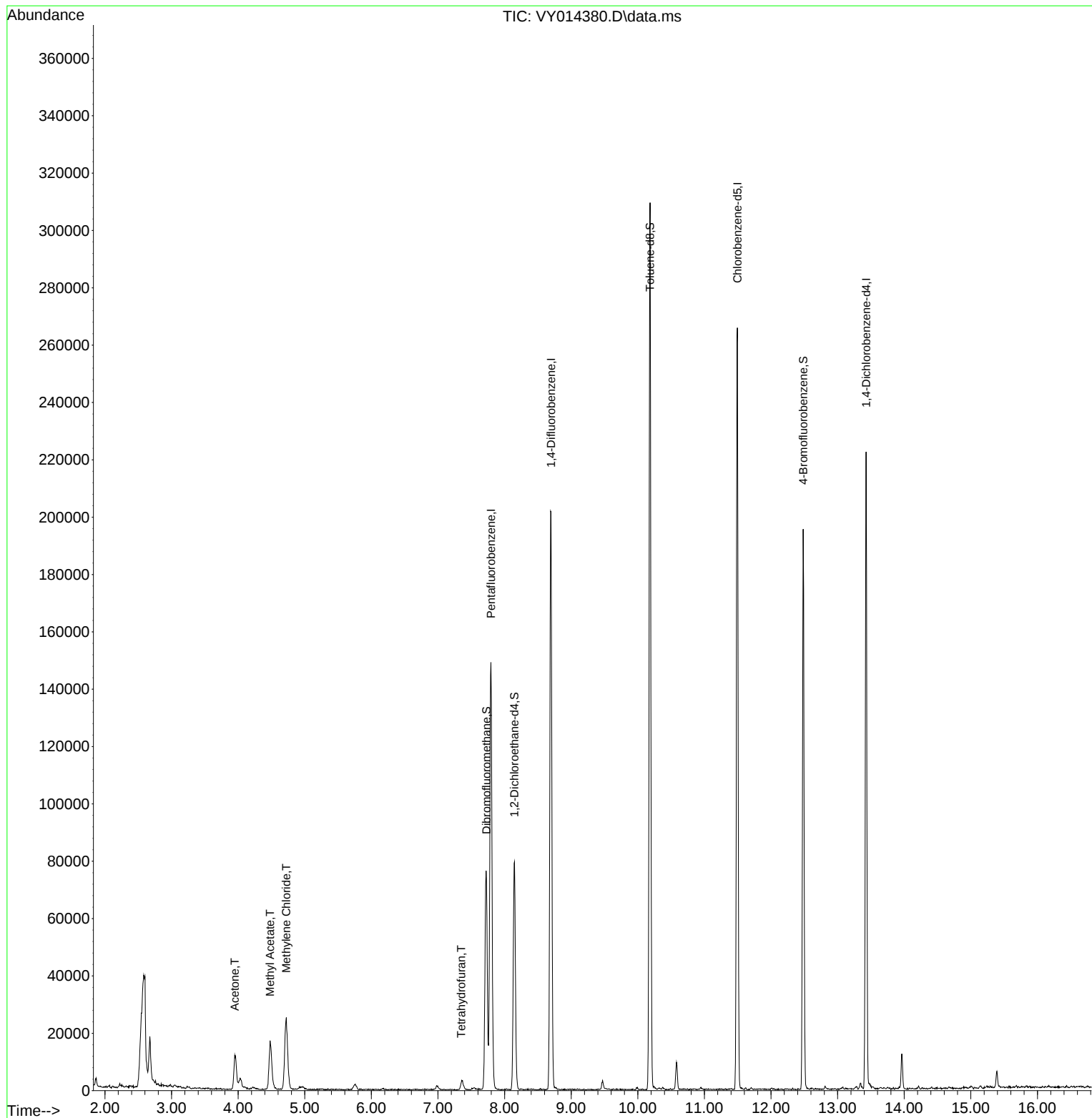
Internal Standards						
1) Pentafluorobenzene	7.795	168	121156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	176471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	146321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68545	40.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.260%
35) Dibromofluoromethane	7.728	113	53746	42.946	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.900%
50) Toluene-d8	10.185	98	203760	43.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.100%
62) 4-Bromofluorobenzene	12.483	95	54233	32.630	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.260%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	20683	40.671	ug/l #	83
18) Methyl Acetate	4.479	43	32297	16.362	ug/l	97
20) Methylene Chloride	4.722	84	18737	8.570	ug/l	92
29) Tetrahydrofuran	7.350	42	2074	5.225	ug/l #	85

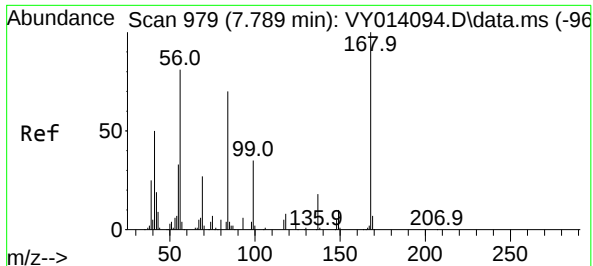
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

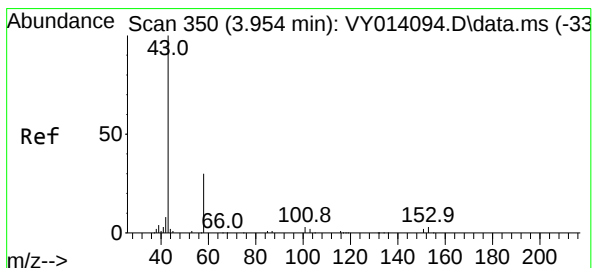
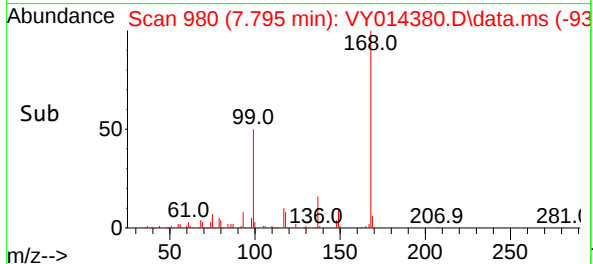
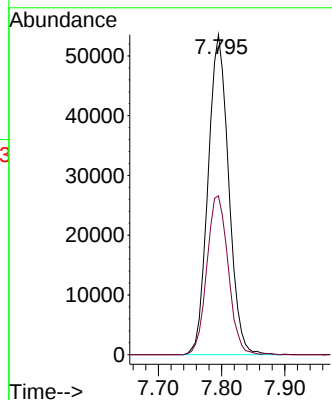
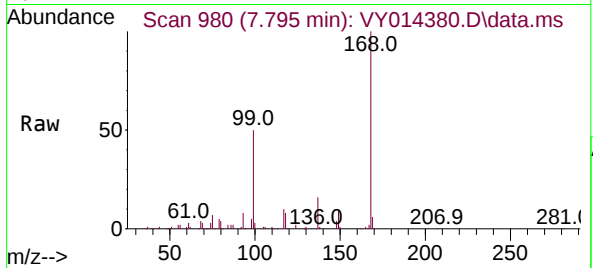




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014380.D
Acq: 22 Jun 2023 15:38

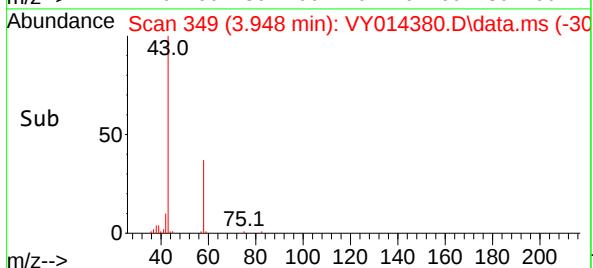
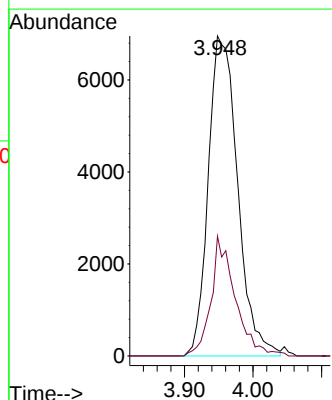
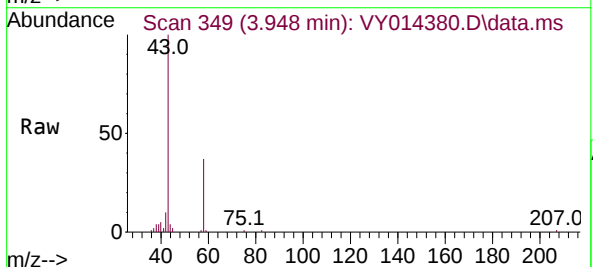
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-07-GRAB-7

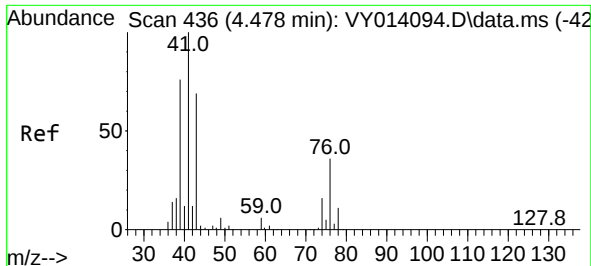
Tgt Ion:168 Resp: 121156
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.0



#16
Acetone
Concen: 40.671 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014380.D
Acq: 22 Jun 2023 15:38

Tgt Ion: 43 Resp: 20683
Ion Ratio Lower Upper
43 100
58 37.4 22.7 34.1#

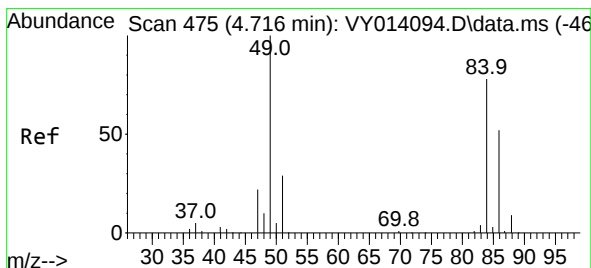
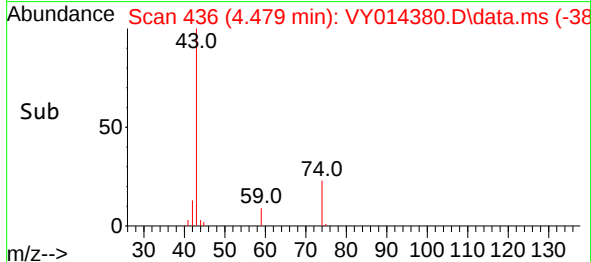
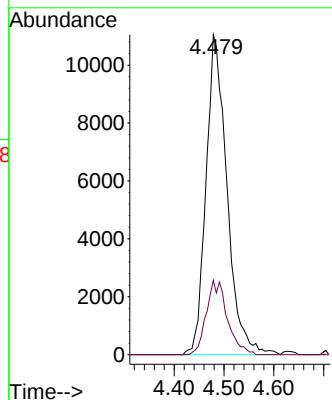
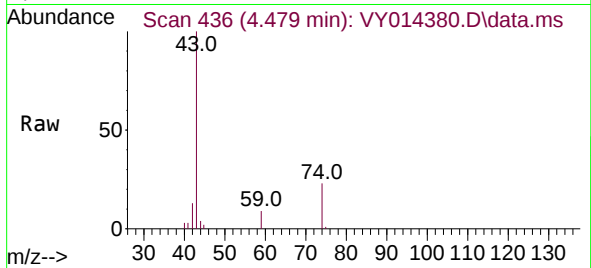




#18
Methyl Acetate
Concen: 16.362 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.001 min
Lab File: VY014380.D
Acq: 22 Jun 2023 15:38

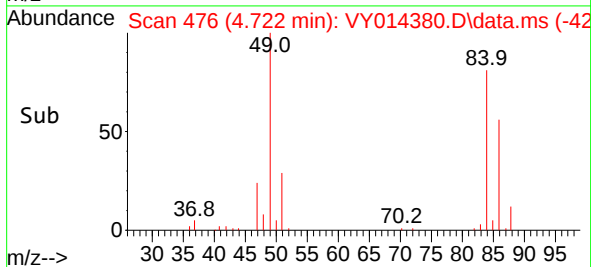
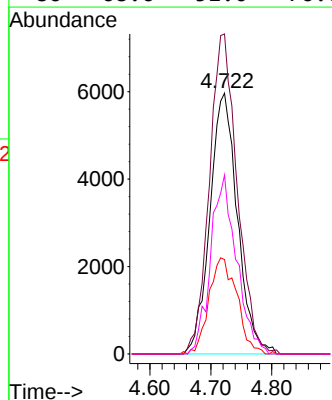
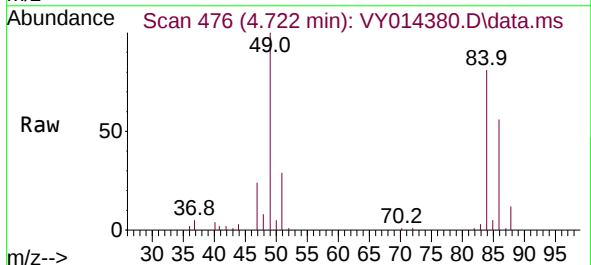
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-07-GRAB-7

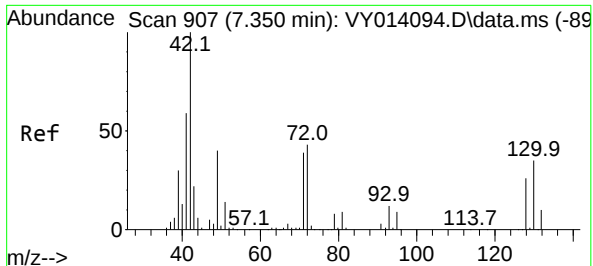
Tgt Ion: 43 Resp: 32297
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0



#20
Methylene Chloride
Concen: 8.570 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014380.D
Acq: 22 Jun 2023 15:38

Tgt Ion: 84 Resp: 18737
Ion Ratio Lower Upper
84 100
49 122.7 106.9 160.3
51 36.2 33.2 49.8
86 68.6 51.0 76.6





#29

Tetrahydrofuran

Concen: 5.225 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014380.D

Acq: 22 Jun 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-07-GRAB-7

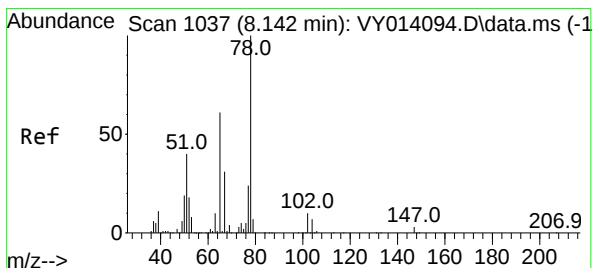
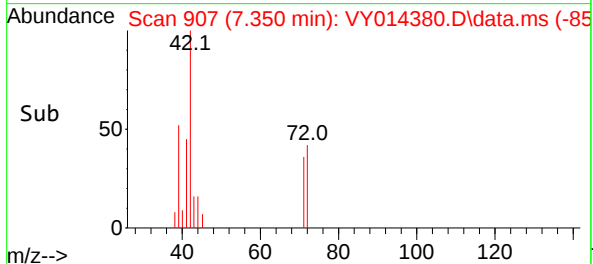
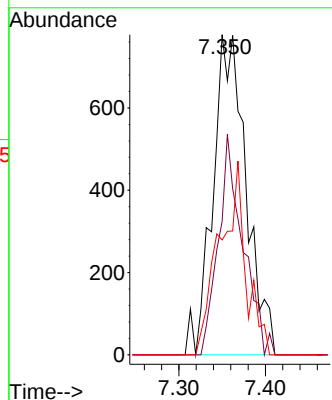
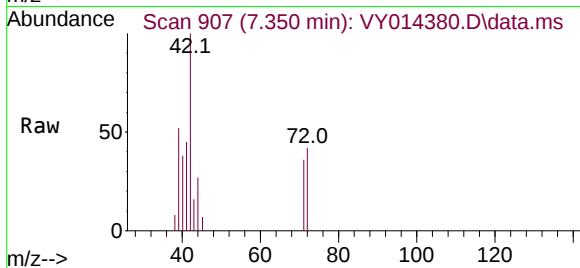
Tgt Ion: 42 Resp: 2074

Ion Ratio Lower Upper

42 100

72 50.7 32.8 49.2#

71 47.5 31.0 46.4#



#33

1,2-Dichloroethane-d4

Concen: 40.628 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY014380.D

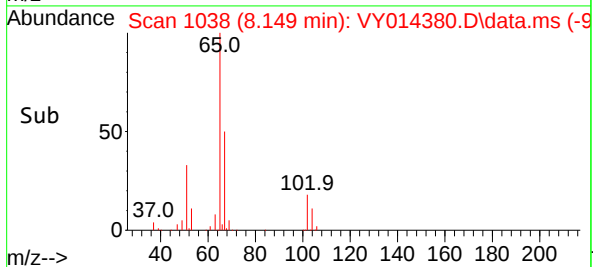
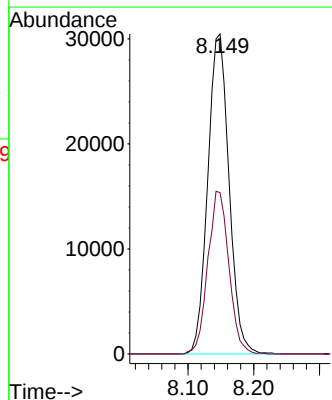
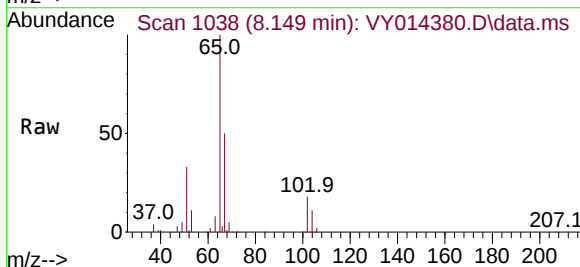
Acq: 22 Jun 2023 15:38

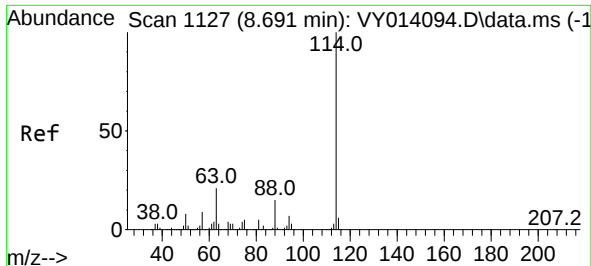
Tgt Ion: 65 Resp: 68545

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8

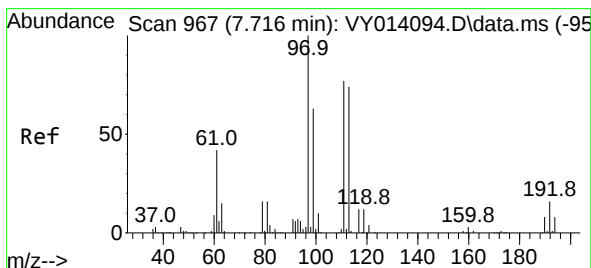
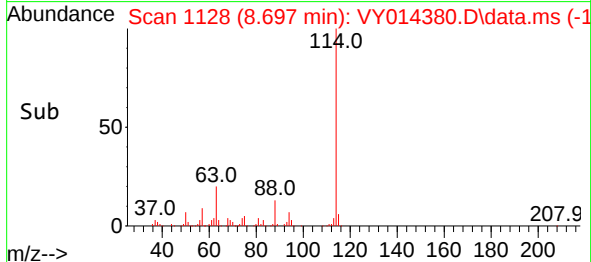
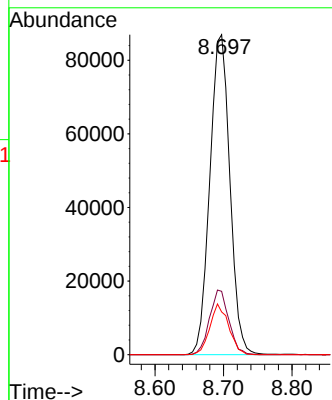
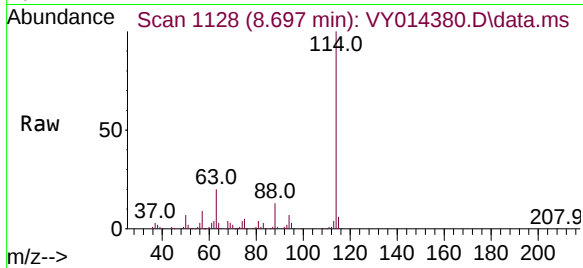




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014380.D
Acq: 22 Jun 2023 15:38

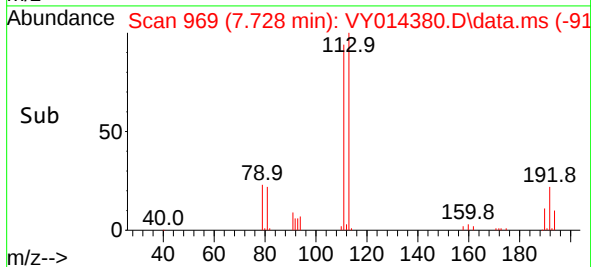
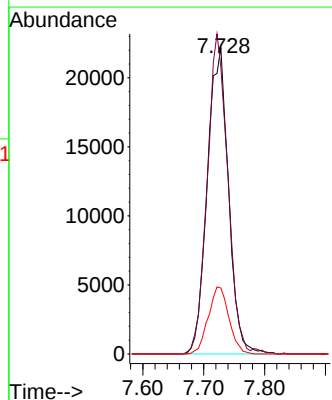
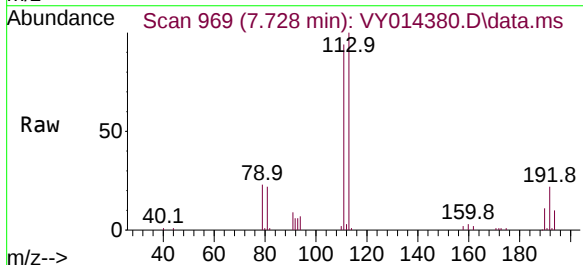
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TOTAL-VOC-TW-07-GRAB-7

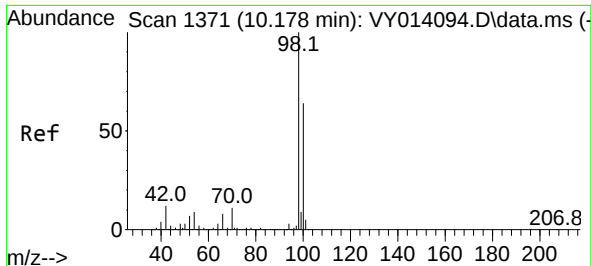
Tgt Ion:114	Resp:	176471
Ion	Ratio	Lower Upper
114	100	
63	19.8	0.0 42.4
88	13.4	0.0 30.6



#35
Dibromofluoromethane
Concen: 42.946 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014380.D
Acq: 22 Jun 2023 15:38

Tgt Ion:113	Resp:	53746
Ion	Ratio	Lower Upper
113	100	
111	100.6	81.3 121.9
192	21.3	16.9 25.3

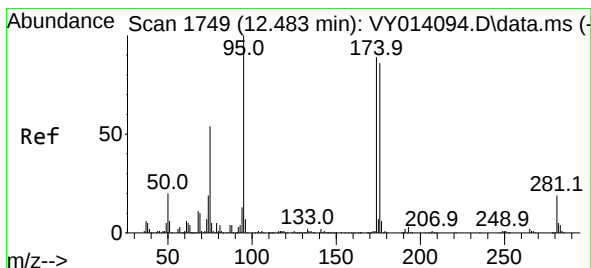
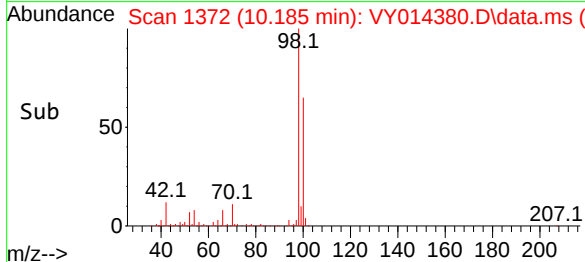
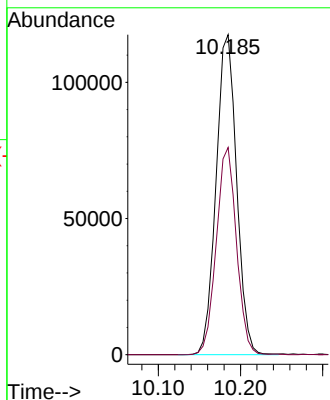
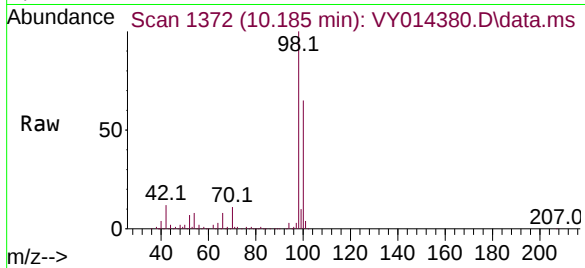




#50
Toluene-d8
Concen: 43.549 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY014380.D
Acq: 22 Jun 2023 15:38

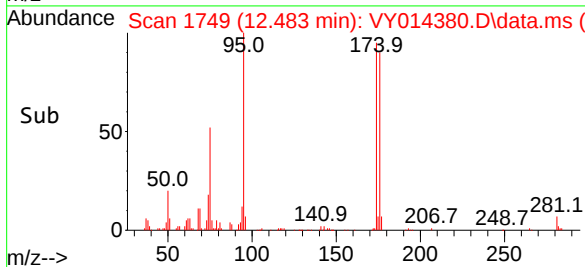
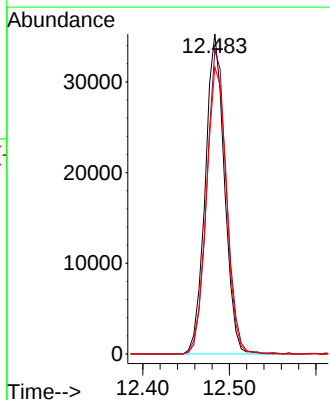
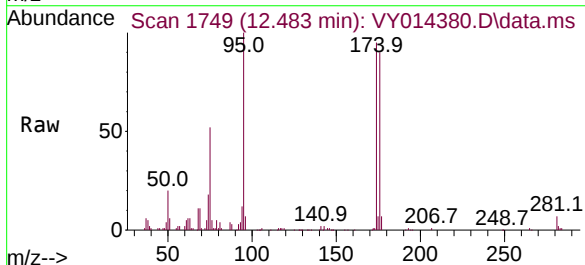
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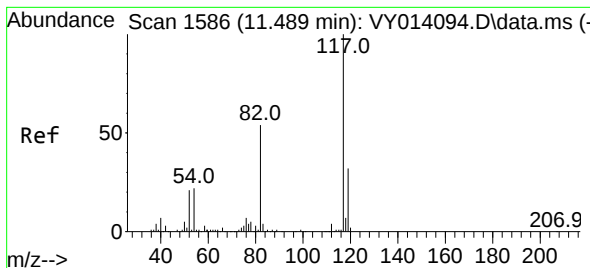
Tgt Ion: 98 Resp: 203760
Ion Ratio Lower Upper
98 100
100 63.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 32.630 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014380.D
Acq: 22 Jun 2023 15:38

Tgt Ion: 95 Resp: 54233
Ion Ratio Lower Upper
95 100
174 97.5 0.0 178.2
176 94.6 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: VY014380.D

Acq: 22 Jun 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-07-GRAB-7

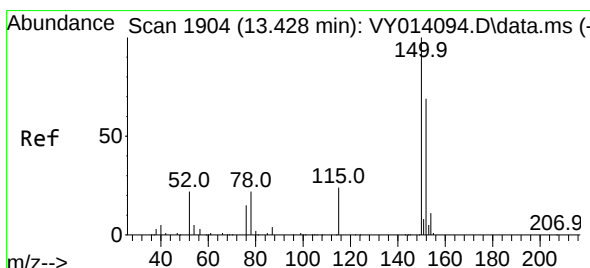
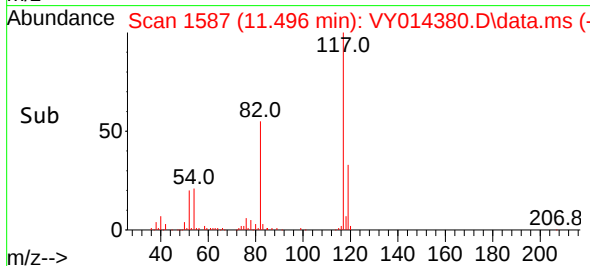
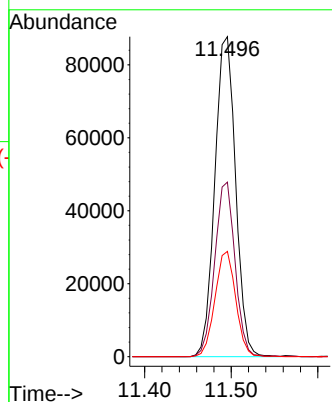
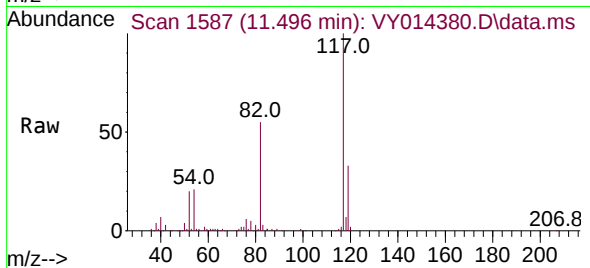
Tgt Ion:117 Resp: 146321

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.9 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: VY014380.D

Acq: 22 Jun 2023 15:38

Tgt Ion:152 Resp: 59389

Ion Ratio Lower Upper

152 100

115 54.9 28.8 86.5

150 155.6 0.0 348.8

