

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014284.D
 Acq On : 20 Jun 2023 15:32
 Operator : KP/MD
 Sample : 03296-17
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-01-GRAB-6

Quant Time: Jun 21 02:08:12 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)

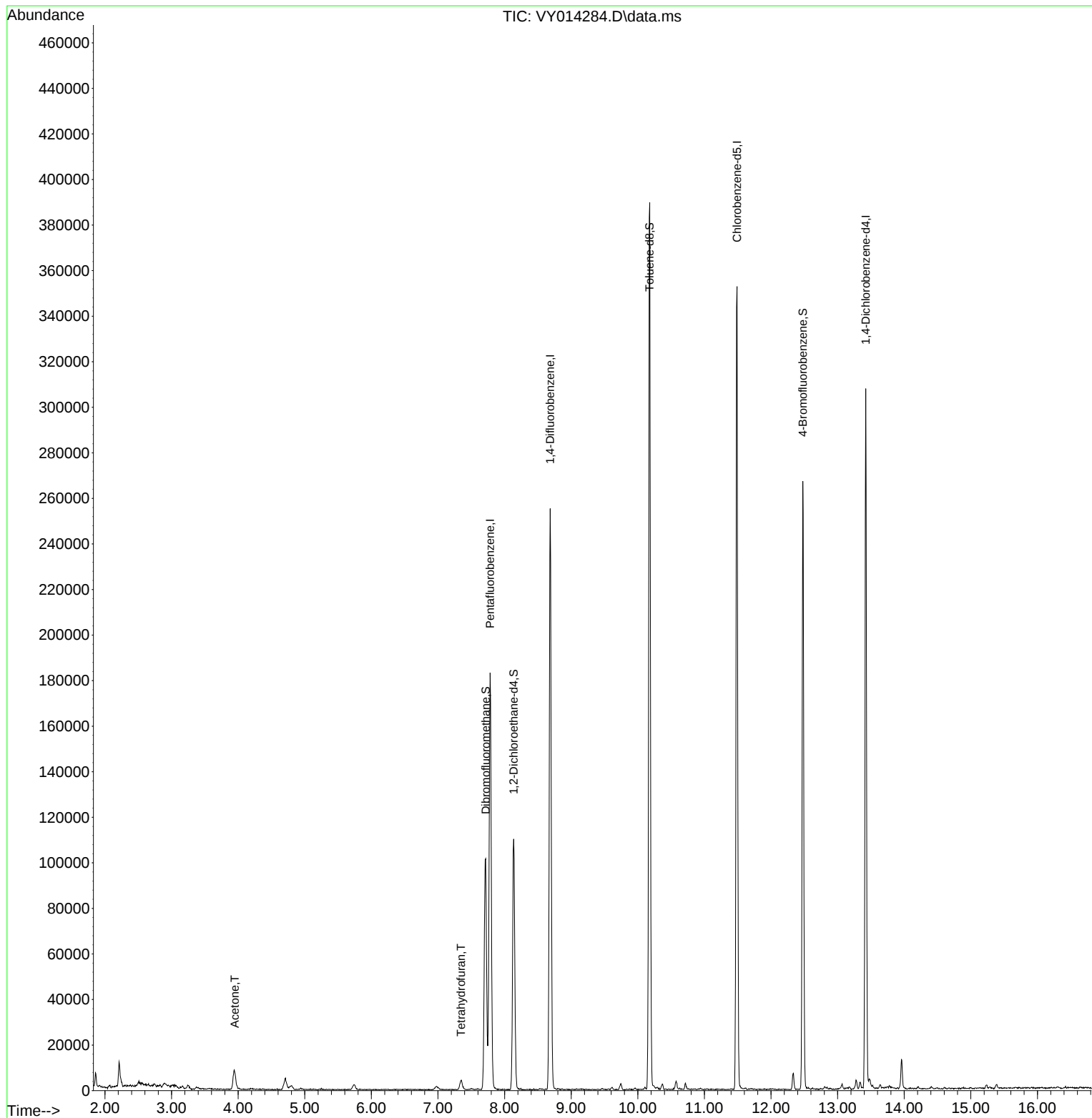
Internal Standards						
1) Pentafluorobenzene	7.783	168	139266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92312	47.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.200%
35) Dibromofluoromethane	7.716	113	70516	46.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.460%
50) Toluene-d8	10.179	98	259124	45.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.880%
62) 4-Bromofluorobenzene	12.477	95	73720	36.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.780%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	15250	26.088	ug/l	89
29) Tetrahydrofuran	7.344	42	3238	7.096	ug/l	93

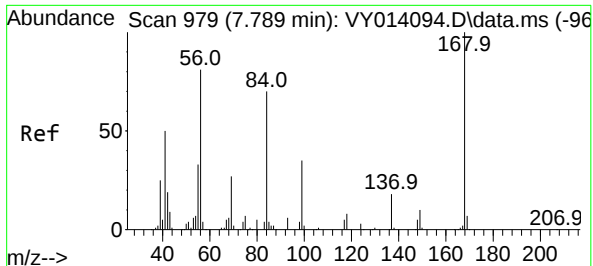
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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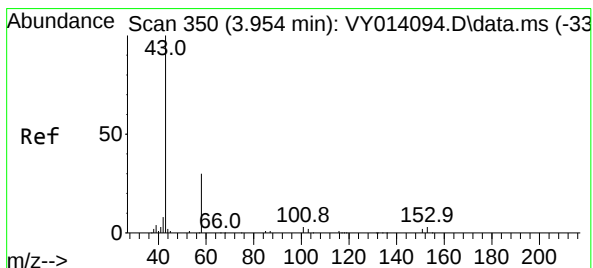
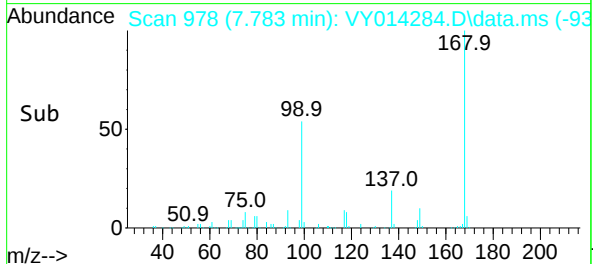
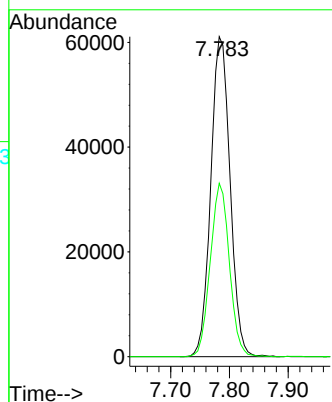
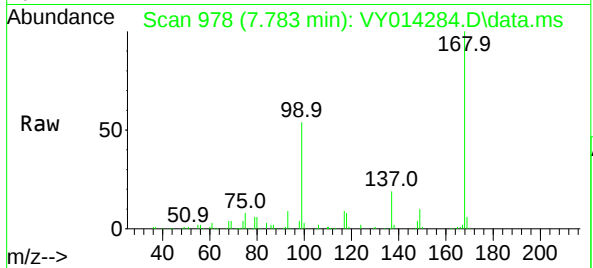




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014284.D
Acq: 20 Jun 2023 15:32

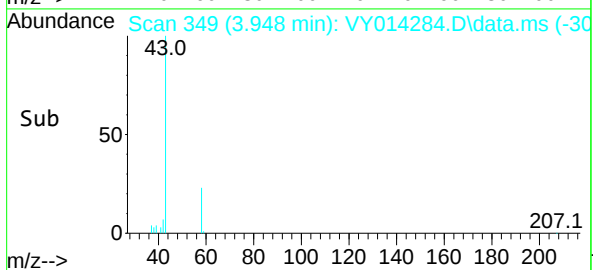
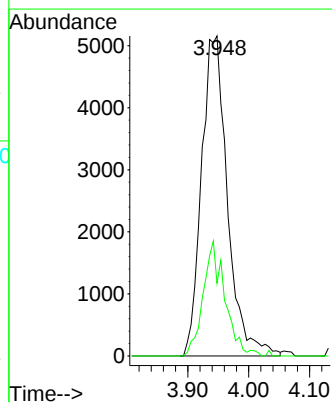
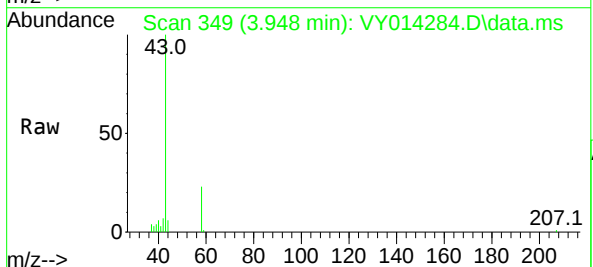
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-01-GRAB-6

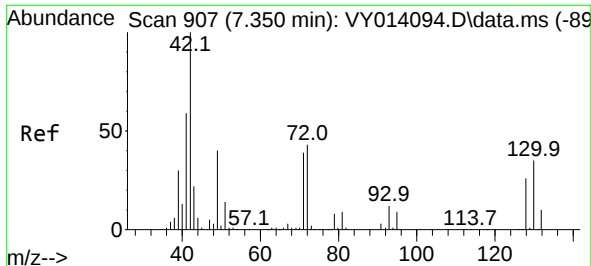
Tgt Ion:168 Resp: 139266
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 26.088 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014284.D
Acq: 20 Jun 2023 15:32

Tgt Ion: 43 Resp: 15250
Ion Ratio Lower Upper
43 100
58 22.7 22.7 34.1





#29

Tetrahydrofuran

Concen: 7.096 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014284.D

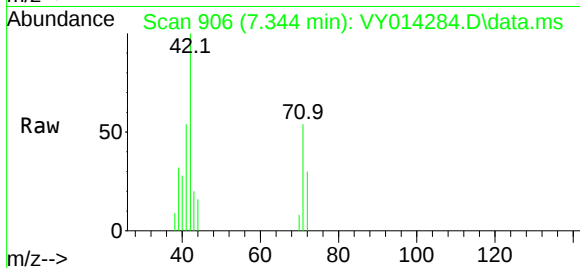
Acq: 20 Jun 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-01-GRAB-6



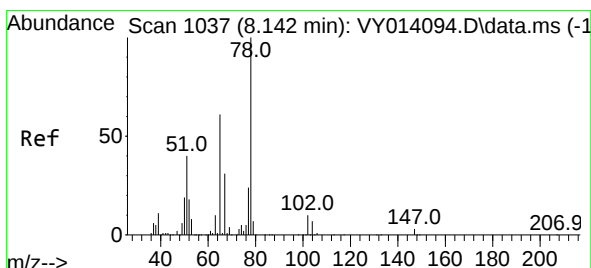
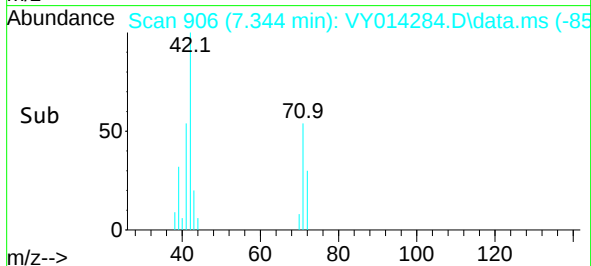
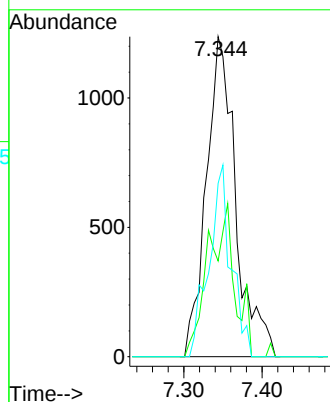
Tgt Ion: 42 Resp: 3238

Ion Ratio Lower Upper

42 100

72 43.3 32.8 49.2

71 45.1 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 47.601 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014284.D

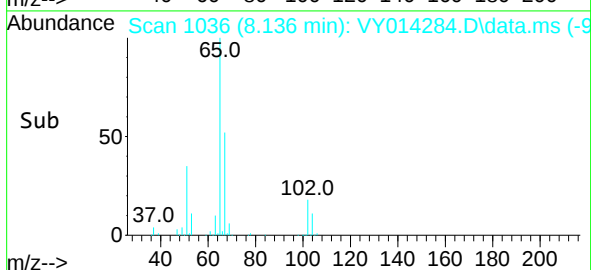
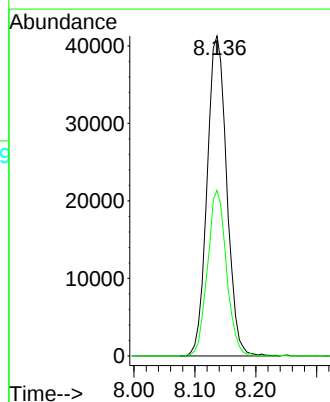
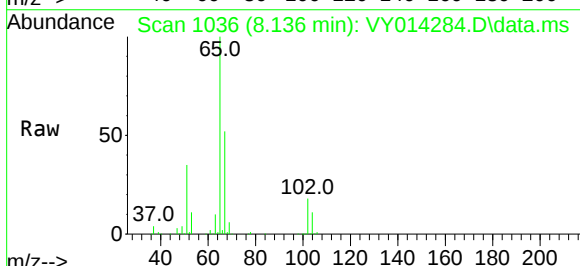
Acq: 20 Jun 2023 15:32

Tgt Ion: 65 Resp: 92312

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8

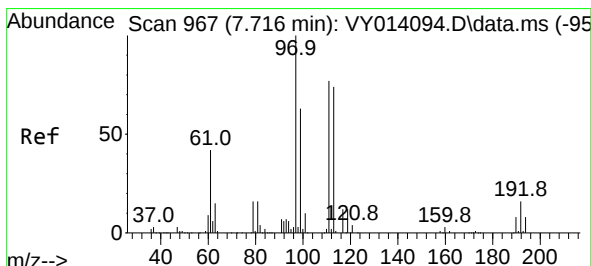
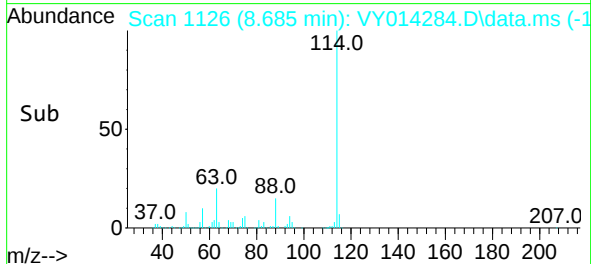
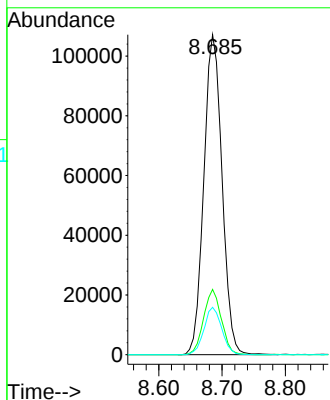
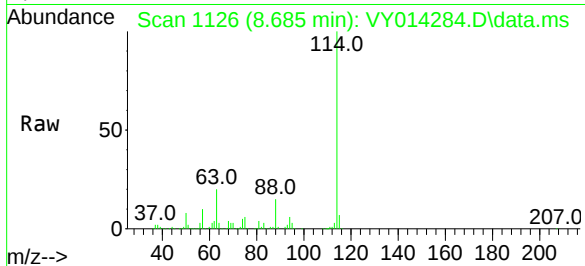




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014284.D
Acq: 20 Jun 2023 15:32

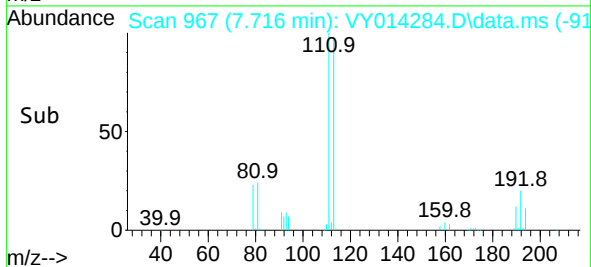
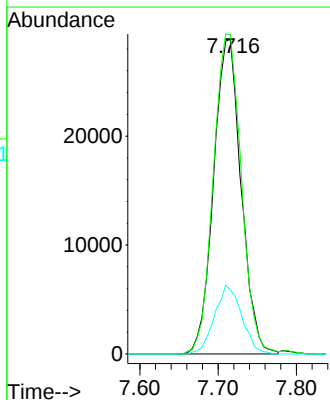
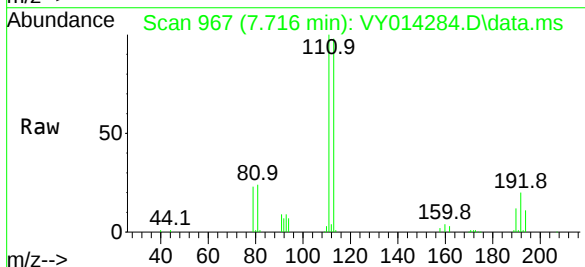
Instrument :
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TOTAL-VOC-TW-01-GRAB-6

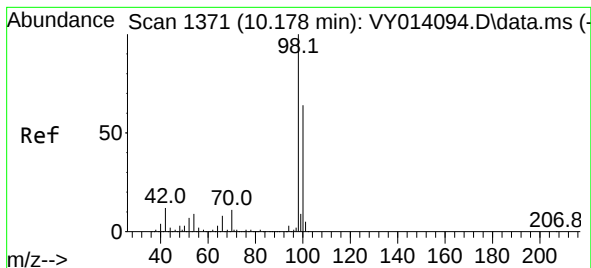
Tgt Ion:114 Resp: 215066
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.234 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014284.D
Acq: 20 Jun 2023 15:32

Tgt Ion:113 Resp: 70516
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 21.5 16.9 25.3

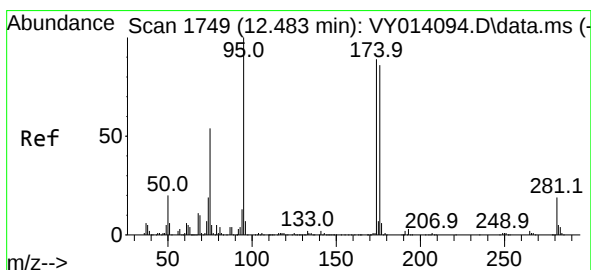
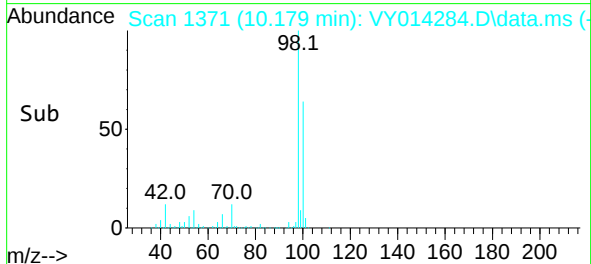
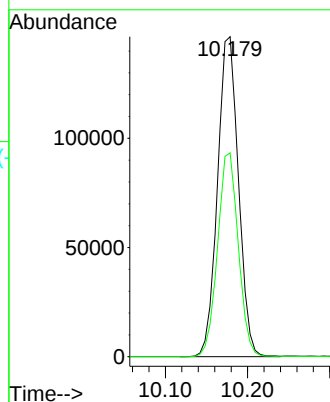
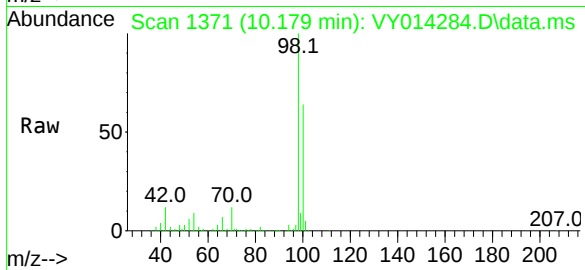




#50
Toluene-d8
Concen: 45.444 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014284.D
Acq: 20 Jun 2023 15:32

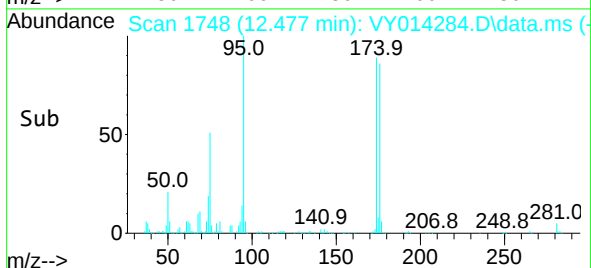
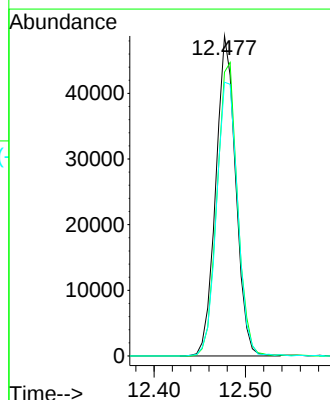
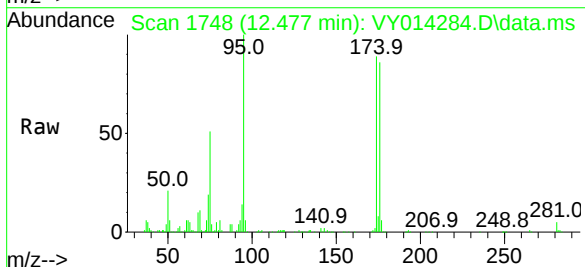
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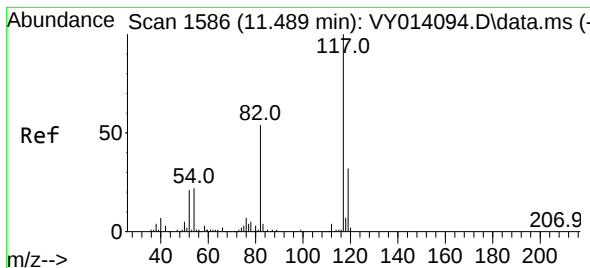
Tgt Ion: 98 Resp: 259124
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014284.D
Acq: 20 Jun 2023 15:32

Tgt Ion: 95 Resp: 73720
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 91.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014284.D

Acq: 20 Jun 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-01-GRAB-6

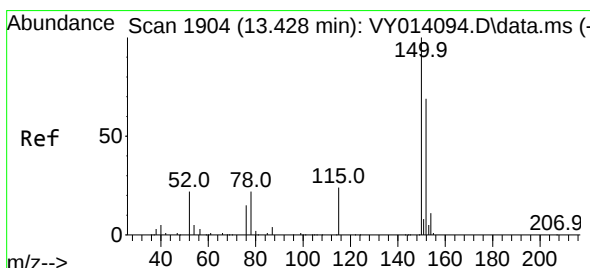
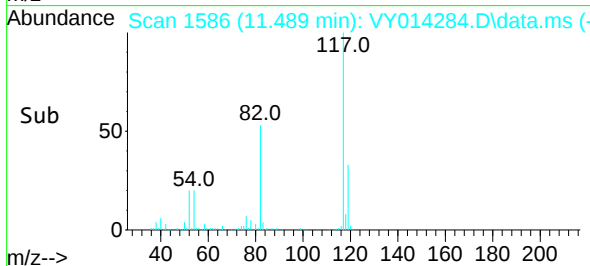
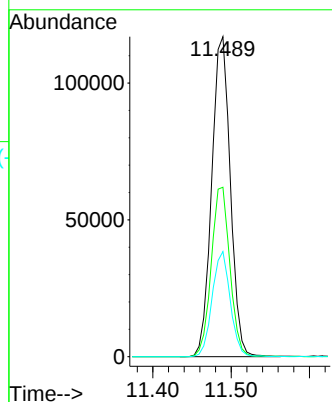
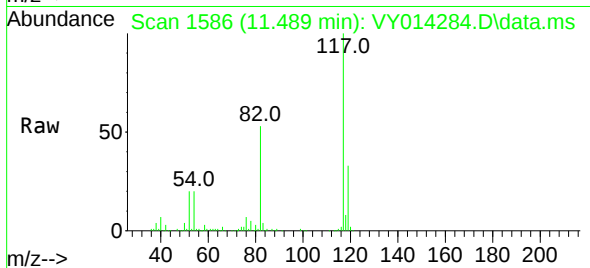
Tgt Ion:117 Resp: 193058

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014284.D

Acq: 20 Jun 2023 15:32

Tgt Ion:152 Resp: 79118

Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 156.1 0.0 348.8

