

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014270.D
 Acq On : 20 Jun 2023 08:56
 Operator : KP/MD
 Sample : 03298-05
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-04-GRAB-6

Quant Time: Jun 20 11:25:25 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)

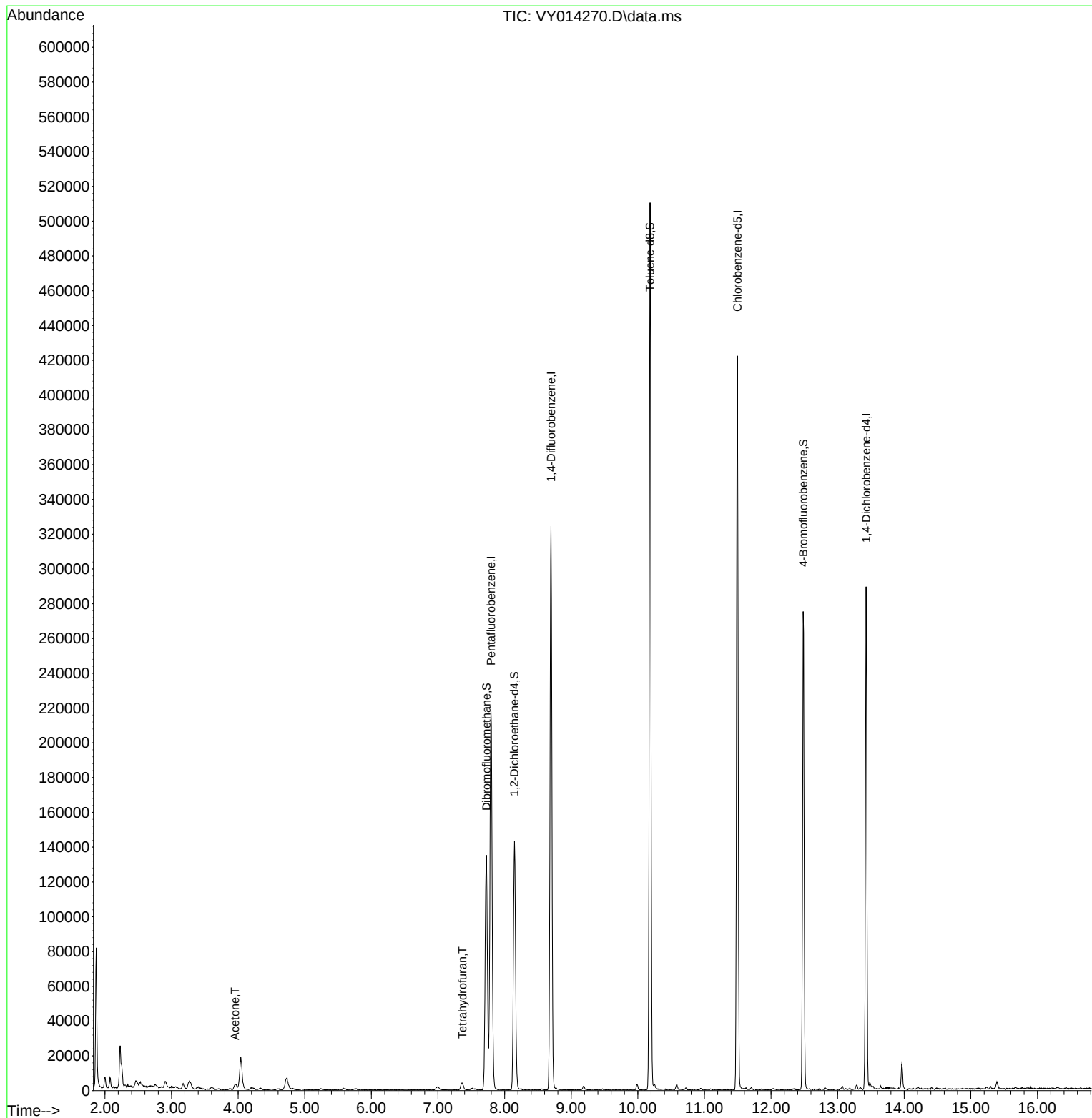
Internal Standards						
1) Pentafluorobenzene	7.795	168	171710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	270113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	224718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120101	50.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.460%
35) Dibromofluoromethane	7.728	113	93035	48.568	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.185	98	319537	44.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.240%
62) 4-Bromofluorobenzene	12.483	95	77504	30.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.940%
Target Compounds						
16) Acetone	3.954	43	5826	8.083	ug/l	98
29) Tetrahydrofuran	7.368	42	3117	5.540	ug/l	98

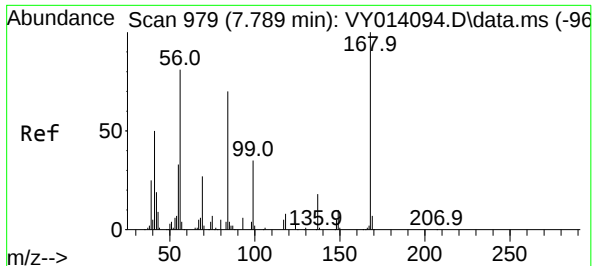
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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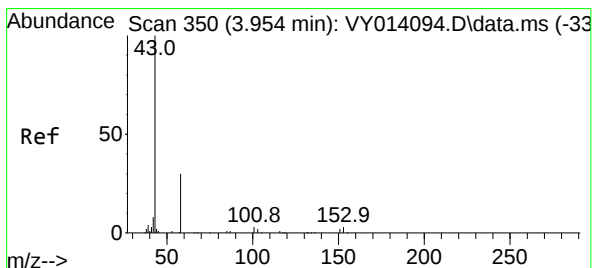
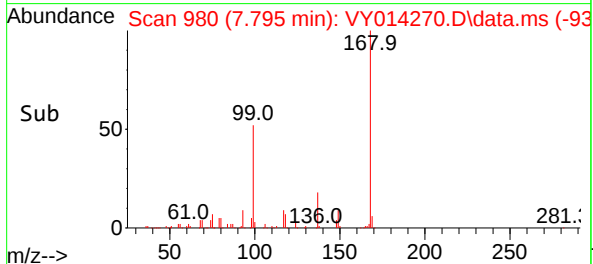
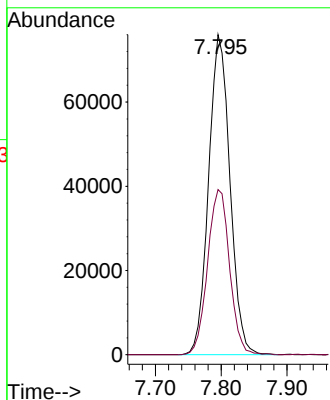
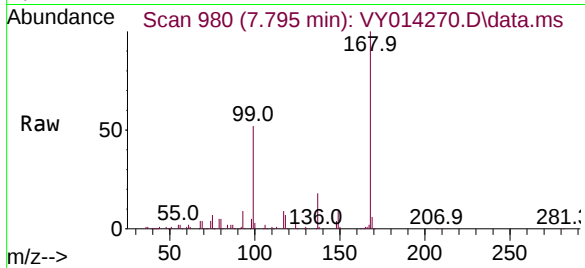




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014270.D
Acq: 20 Jun 2023 08:56

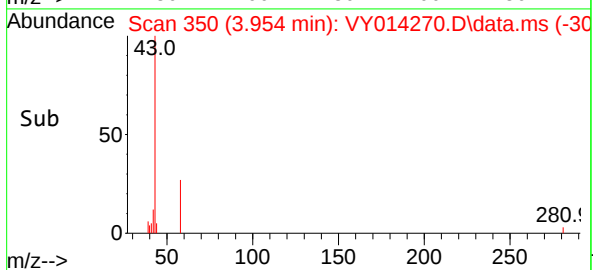
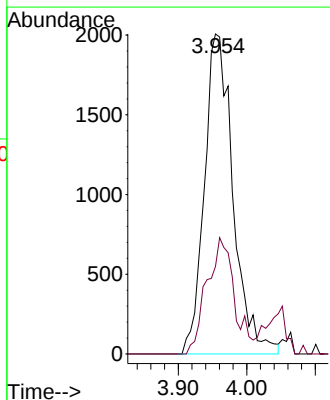
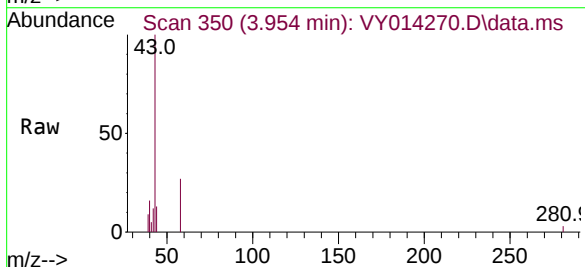
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-04-GRAB-6

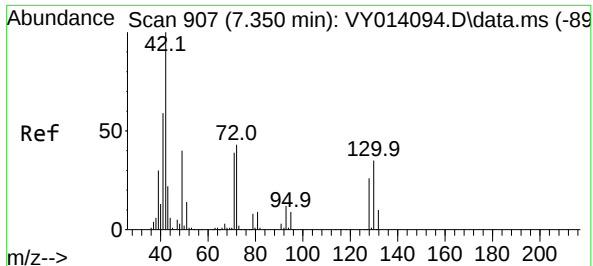
Tgt Ion:168 Resp: 171710
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#16
Acetone
Concen: 8.083 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014270.D
Acq: 20 Jun 2023 08:56

Tgt Ion: 43 Resp: 5826
Ion Ratio Lower Upper
43 100
58 27.4 22.7 34.1





#29

Tetrahydrofuran

Concen: 5.540 ug/l

RT: 7.368 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY014270.D

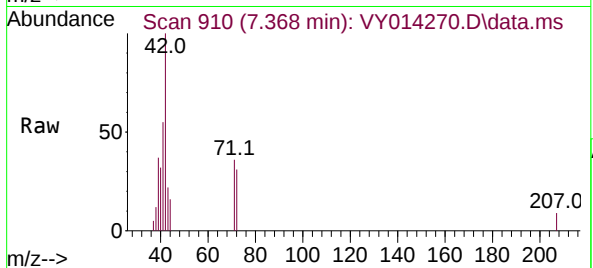
Acq: 20 Jun 2023 08:56

Instrument :

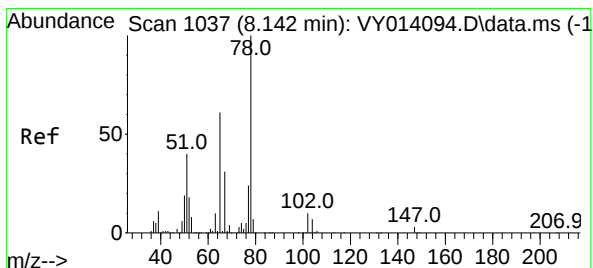
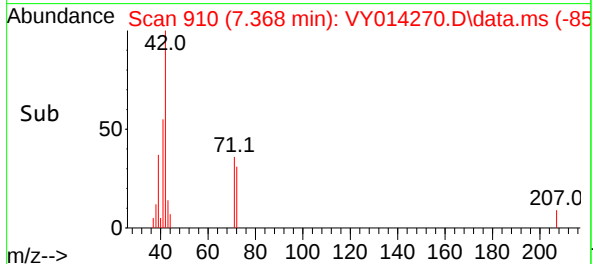
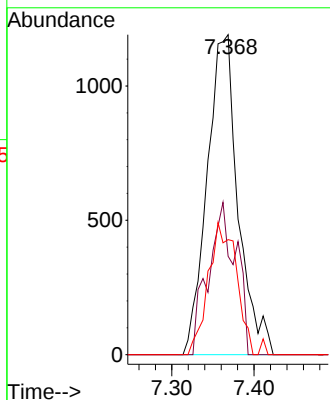
MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-04-GRAB-6



Tgt Ion:	42	Resp:	3117
Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.8	49.2
71	37.3	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 50.229 ug/l

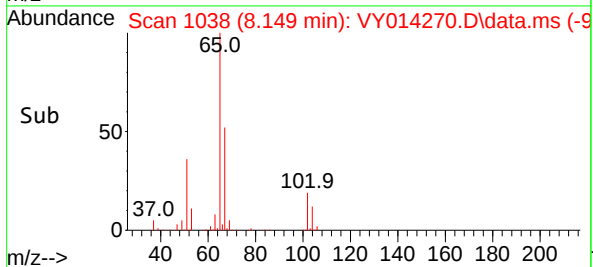
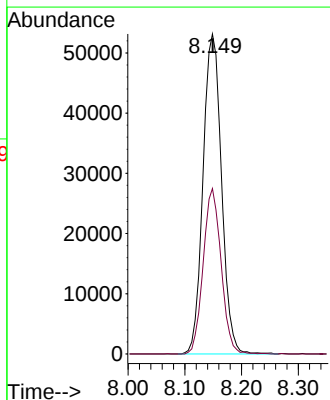
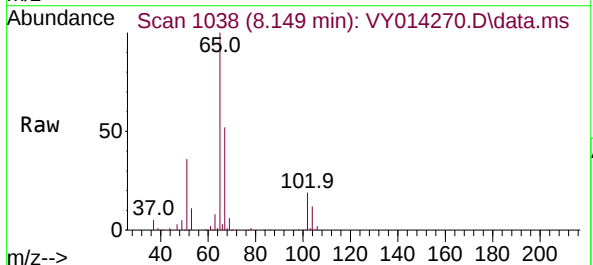
RT: 8.149 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY014270.D

Acq: 20 Jun 2023 08:56

Tgt Ion:	65	Resp:	120101
Ion	Ratio	Lower	Upper
65	100		
67	50.1	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: VY014270.D

Acq: 20 Jun 2023 08:56

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-04-GRAB-6

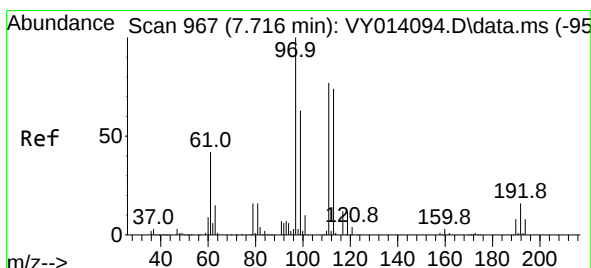
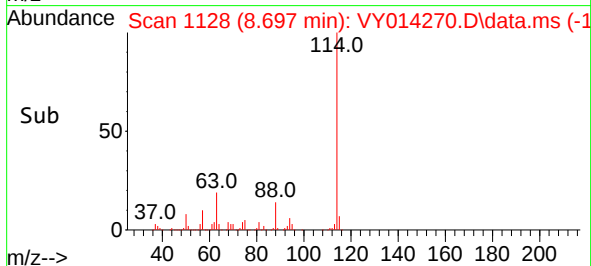
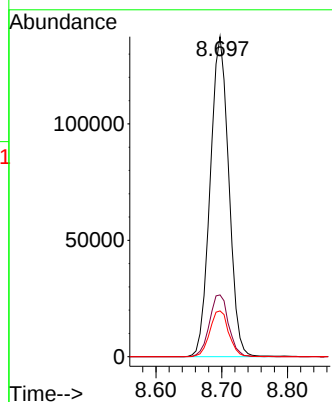
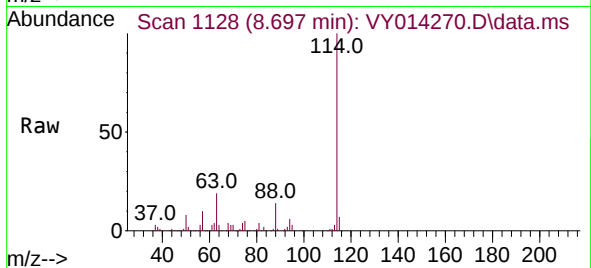
Tgt Ion:114 Resp: 270113

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.568 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014270.D

Acq: 20 Jun 2023 08:56

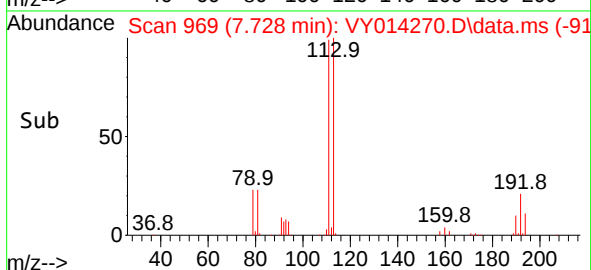
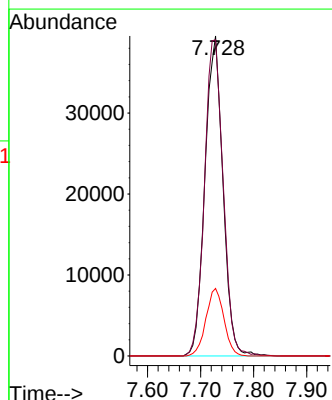
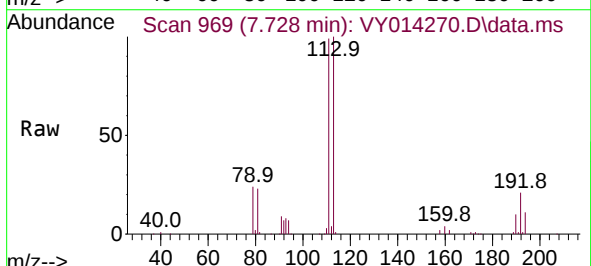
Tgt Ion:113 Resp: 93035

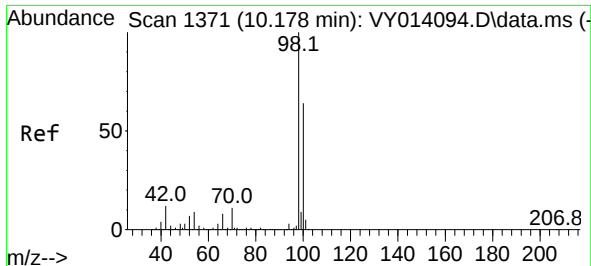
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 21.1 16.9 25.3

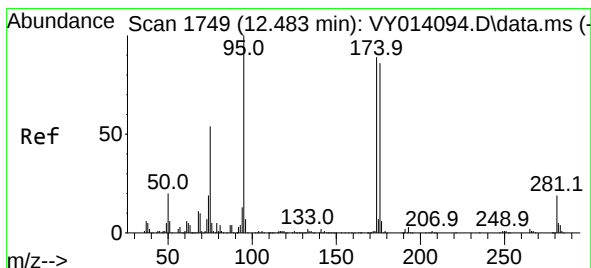
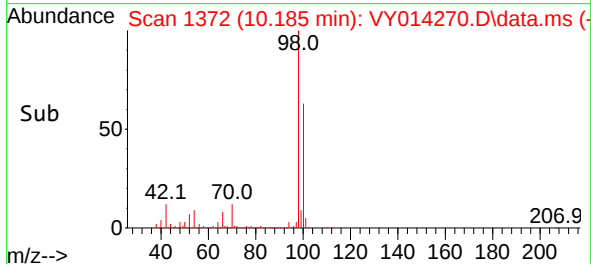
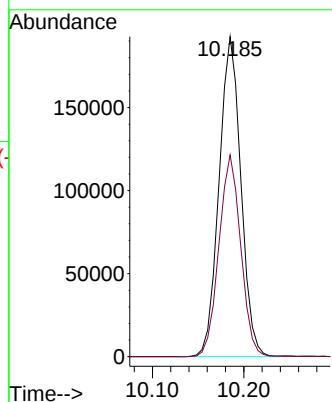
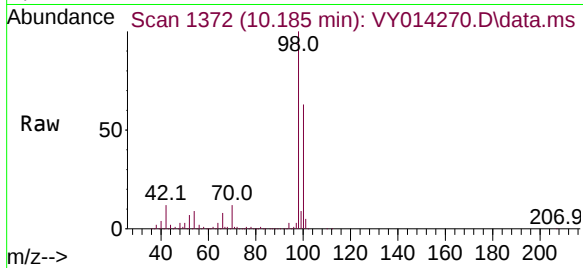




#50
Toluene-d8
Concen: 44.618 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014270.D
Acq: 20 Jun 2023 08:56

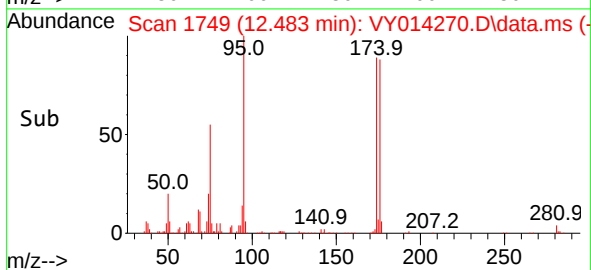
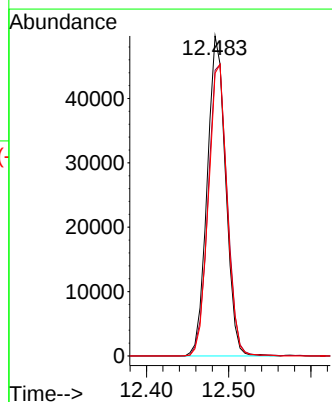
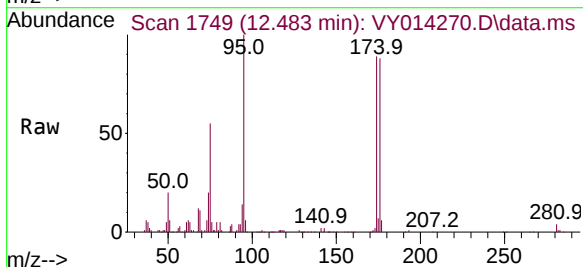
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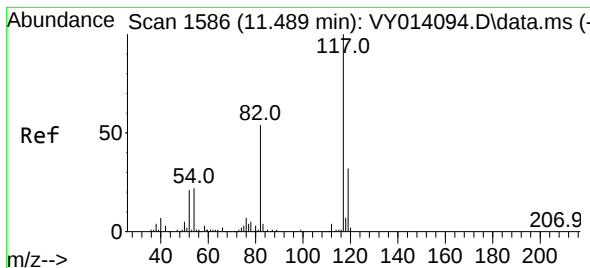
Tgt Ion: 98 Resp: 319537
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 30.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014270.D
Acq: 20 Jun 2023 08:56

Tgt Ion: 95 Resp: 77504
Ion Ratio Lower Upper
95 100
174 94.2 0.0 178.2
176 92.3 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: VY014270.D

Acq: 20 Jun 2023 08:56

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-04-GRAB-6

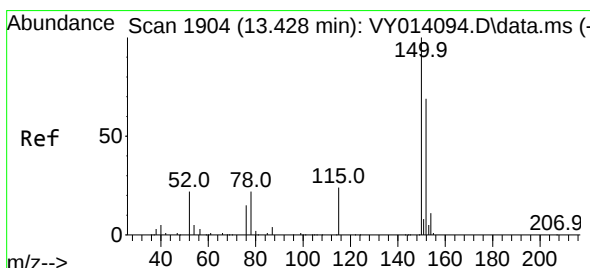
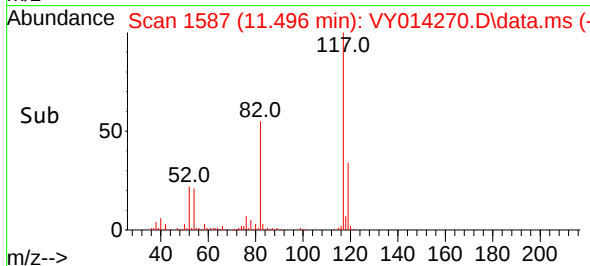
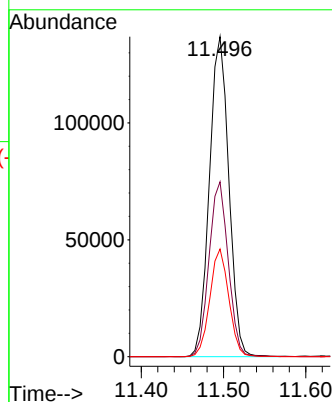
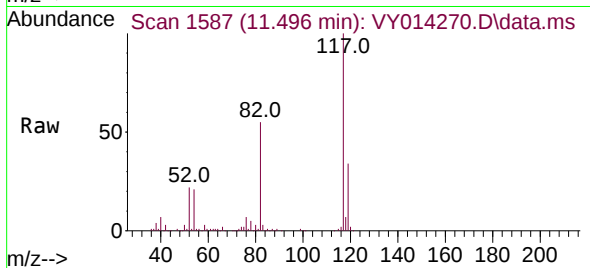
Tgt Ion:117 Resp: 224718

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 33.6 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: VY014270.D

Acq: 20 Jun 2023 08:56

Tgt Ion:152 Resp: 71561

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 158.1 0.0 348.8

