

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014248.D
 Acq On : 19 Jun 2023 23:13
 Operator : KP/MD
 Sample : 03327-06
 Misc : 2.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-03-GRAB-7

Quant Time: Jun 20 05:04:16 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)

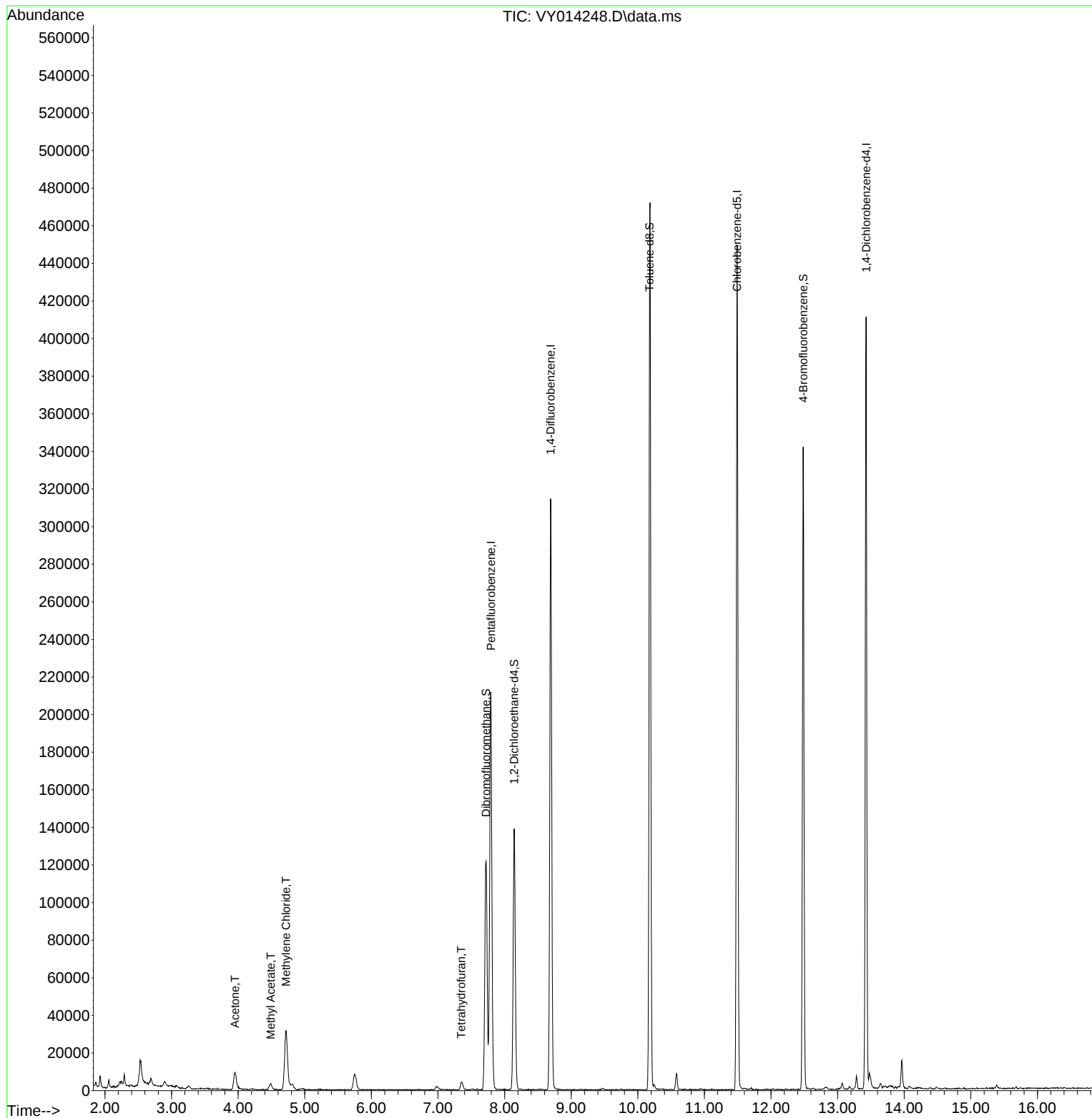
Internal Standards						
1) Pentafluorobenzene	7.795	168	164745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	237085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112451	49.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.040%
35) Dibromofluoromethane	7.722	113	87524	47.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.740%
50) Toluene-d8	10.179	98	312464	45.707	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.483	95	93302	38.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.840%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	16894	24.430	ug/l	95
18) Methyl Acetate	4.491	43	6160	2.295	ug/l	100
20) Methylene Chloride	4.716	84	23337	7.525	ug/l	91
29) Tetrahydrofuran	7.350	42	2888	5.350	ug/l #	52

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

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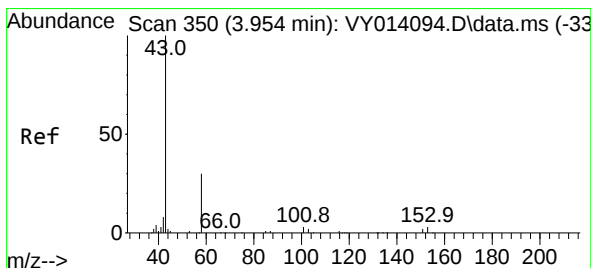
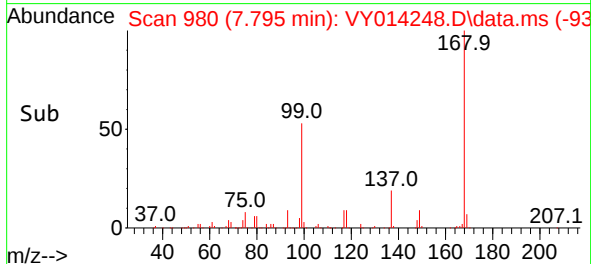
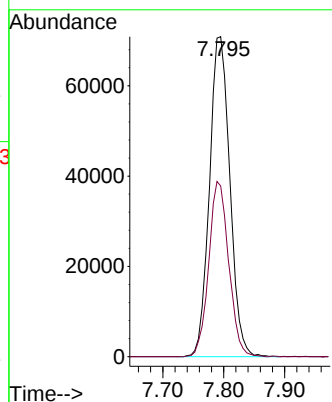
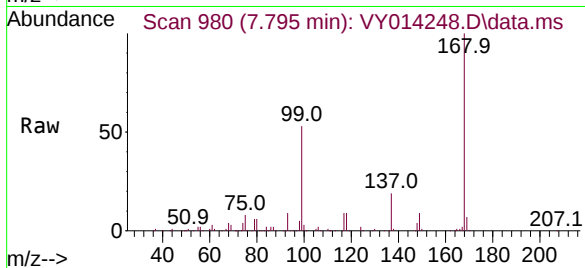




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014248.D
Acq: 19 Jun 2023 23:13

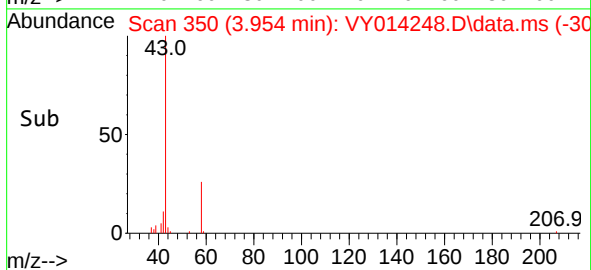
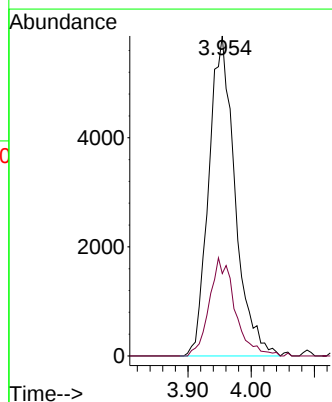
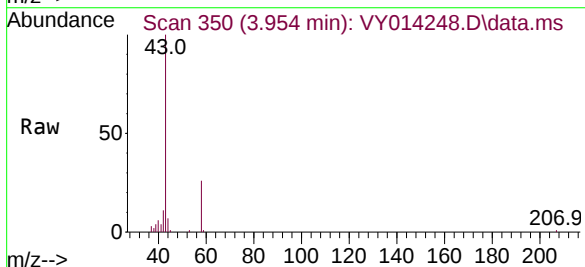
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-03-GRAB-7

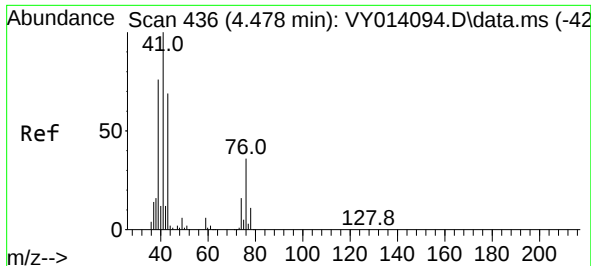
Tgt Ion:168 Resp: 164745
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 24.430 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014248.D
Acq: 19 Jun 2023 23:13

Tgt Ion: 43 Resp: 16894
Ion Ratio Lower Upper
43 100
58 25.8 22.7 34.1

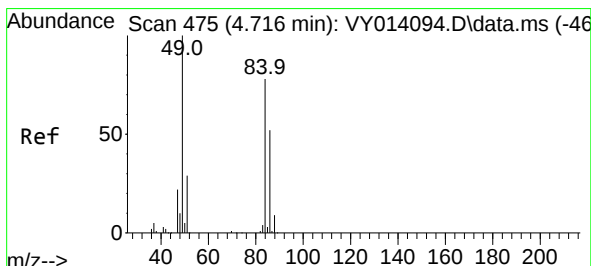
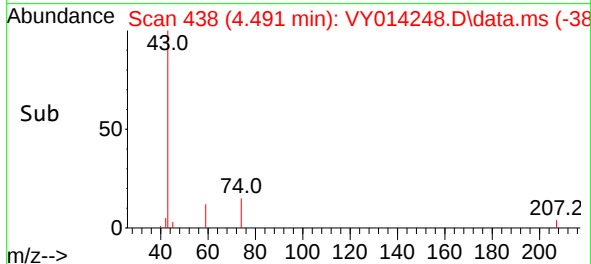
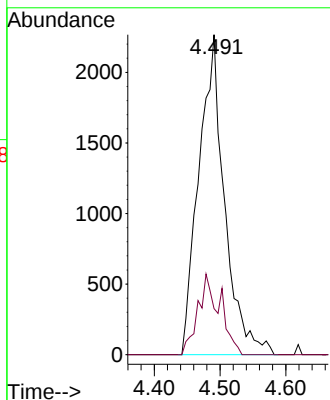
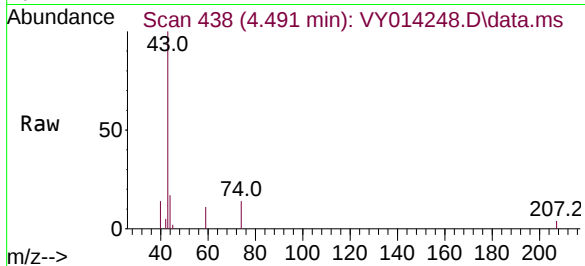




#18
Methyl Acetate
Concen: 2.295 ug/l
RT: 4.491 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY014248.D
Acq: 19 Jun 2023 23:13

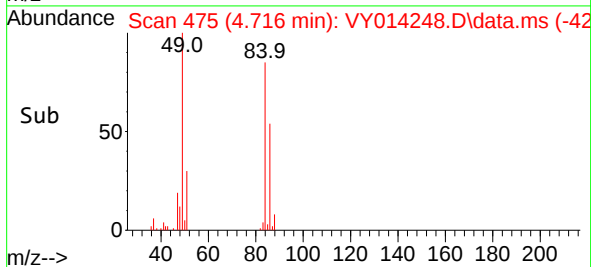
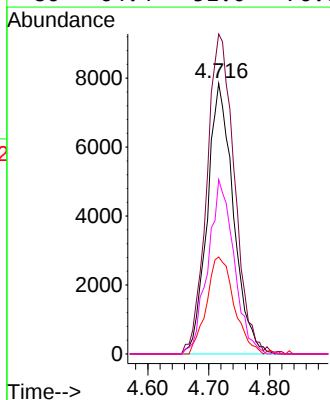
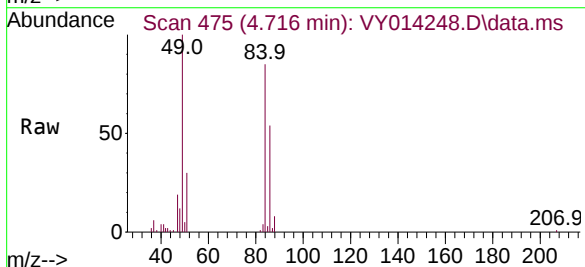
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-03-GRAB-7

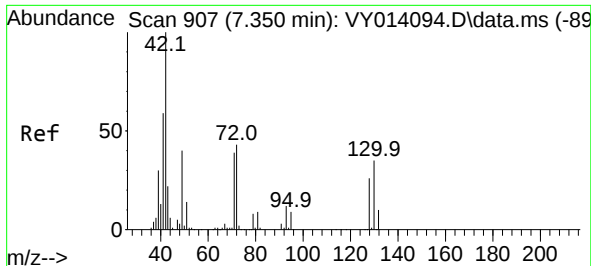
Tgt Ion: 43 Resp: 6160
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 7.525 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014248.D
Acq: 19 Jun 2023 23:13

Tgt Ion: 84 Resp: 23337
Ion Ratio Lower Upper
84 100
49 118.3 106.9 160.3
51 35.9 33.2 49.8
86 64.4 51.0 76.6





#29

Tetrahydrofuran

Concen: 5.350 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014248.D

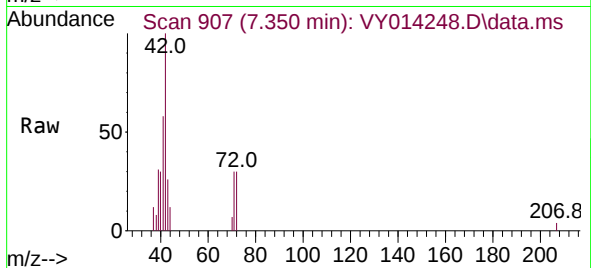
Acq: 19 Jun 2023 23:13

Instrument :

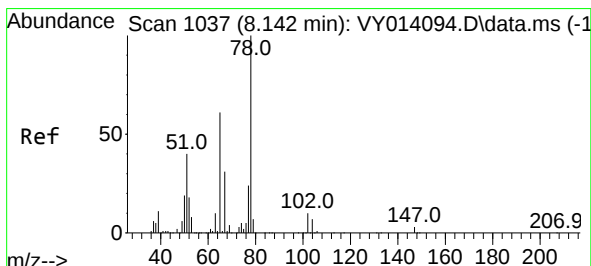
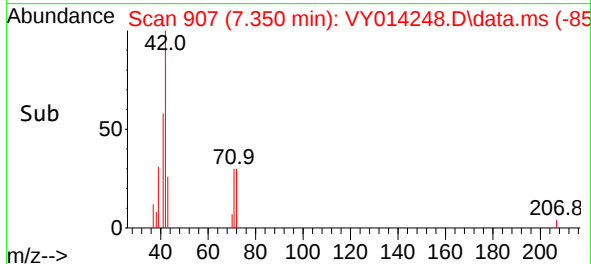
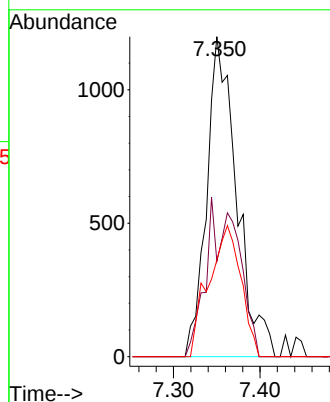
MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-03-GRAB-7



Tgt Ion:	42	Resp:	2888
Ion	Ratio	Lower	Upper
42	100		
72	20.6	32.8	49.2#
71	0.0	31.0	46.4#



#33

1,2-Dichloroethane-d4

Concen: 49.017 ug/l

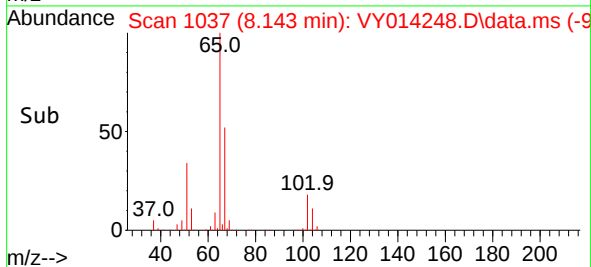
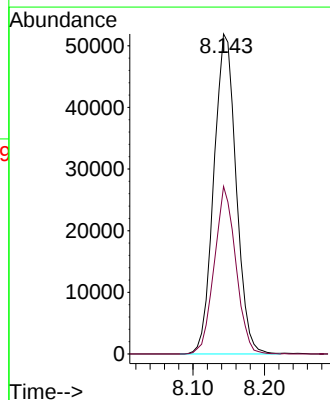
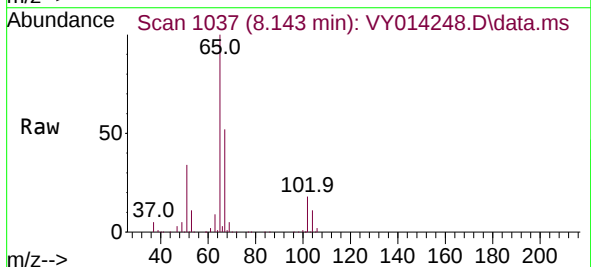
RT: 8.143 min Scan# 1037

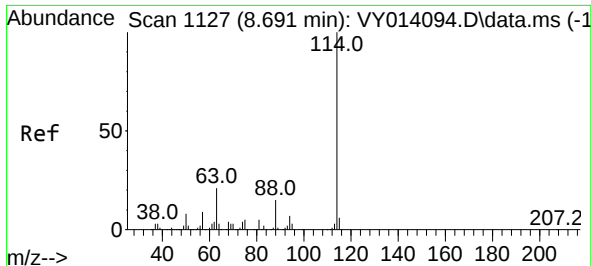
Delta R.T. 0.001 min

Lab File: VY014248.D

Acq: 19 Jun 2023 23:13

Tgt Ion:	65	Resp:	112451
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014248.D

Acq: 19 Jun 2023 23:13

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-03-GRAB-7

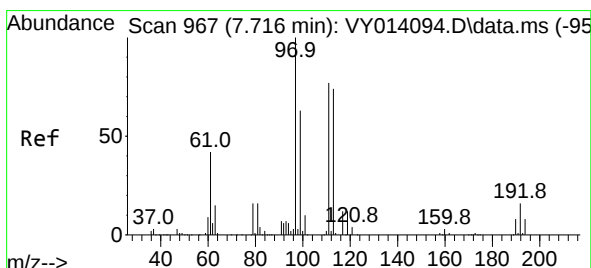
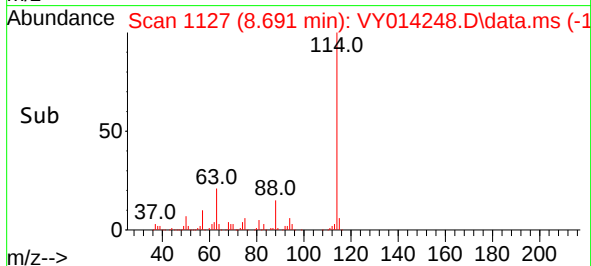
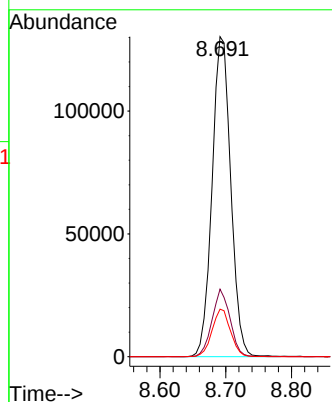
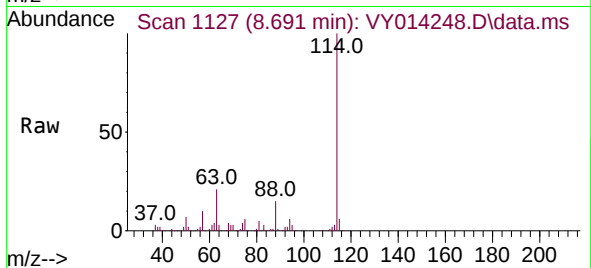
Tgt Ion:114 Resp: 257841

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.865 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014248.D

Acq: 19 Jun 2023 23:13

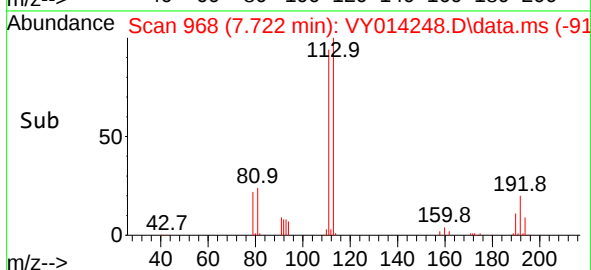
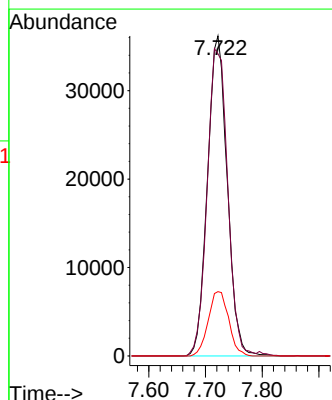
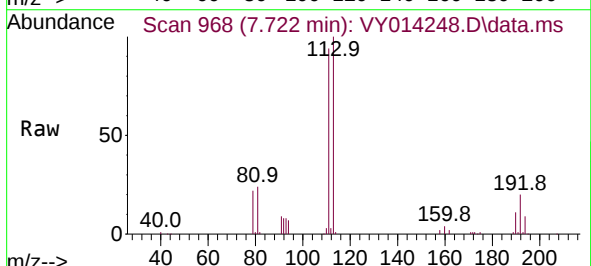
Tgt Ion:113 Resp: 87524

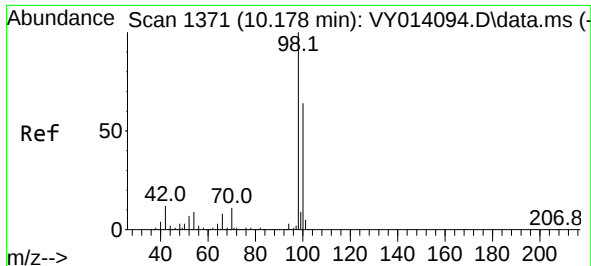
Ion Ratio Lower Upper

113 100

111 99.8 81.3 121.9

192 20.8 16.9 25.3

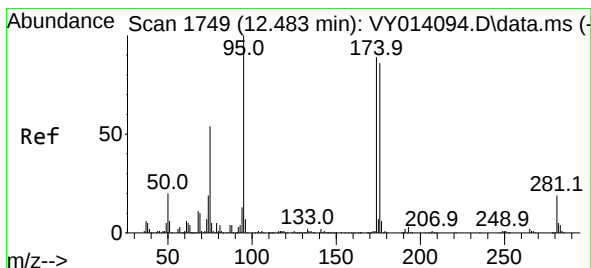
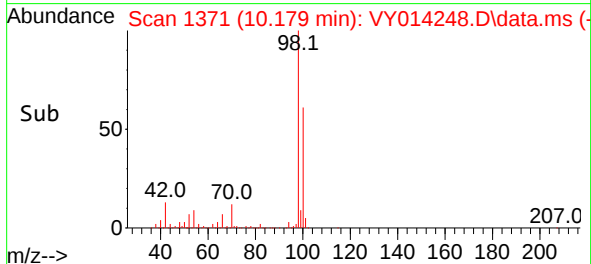
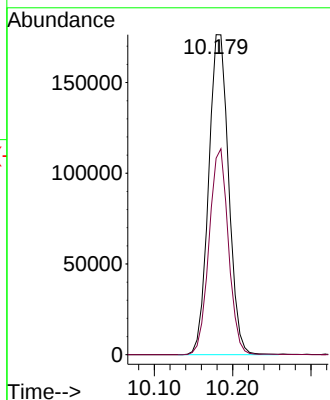
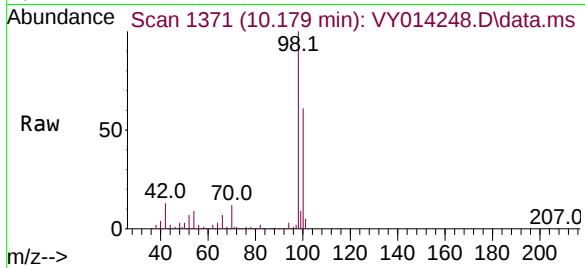




#50
Toluene-d8
Concen: 45.707 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014248.D
Acq: 19 Jun 2023 23:13

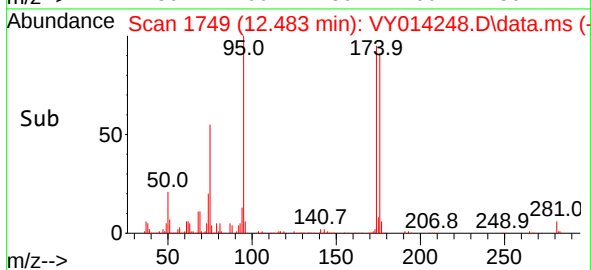
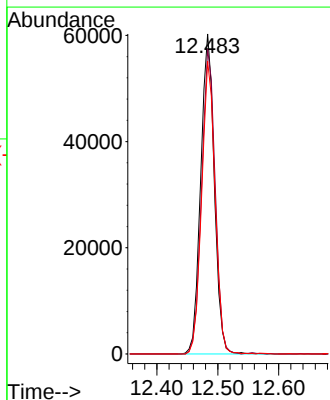
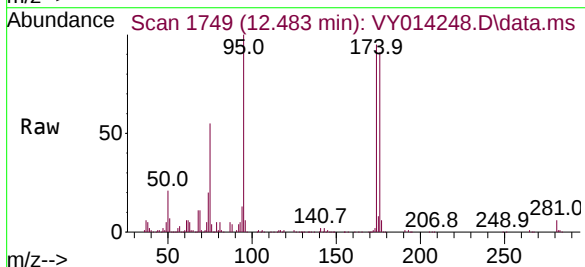
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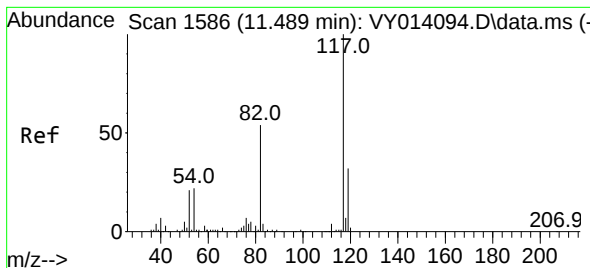
Tgt Ion: 98 Resp: 312464
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014248.D
Acq: 19 Jun 2023 23:13

Tgt Ion: 95 Resp: 93302
Ion Ratio Lower Upper
95 100
174 95.3 0.0 178.2
176 90.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014248.D

Acq: 19 Jun 2023 23:13

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-03-GRAB-7

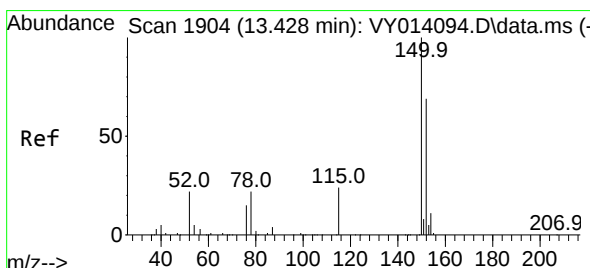
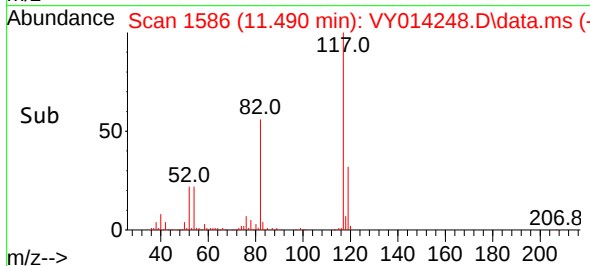
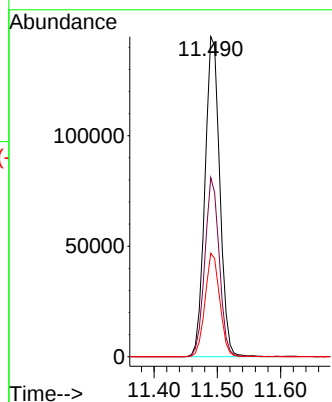
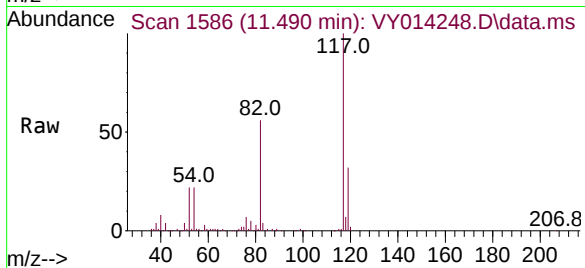
Tgt Ion:117 Resp: 237085

Ion Ratio Lower Upper

117 100

82 56.0 43.4 65.0

119 32.3 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: VY014248.D

Acq: 19 Jun 2023 23:13

Tgt Ion:152 Resp: 104087

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 156.2 0.0 348.8

