

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014386.D
 Acq On : 22 Jun 2023 17:59
 Operator : KP/MD
 Sample : 03328-18RE
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW02-0-8-GRAB-7RE

Quant Time: Jun 23 05:00:52 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)

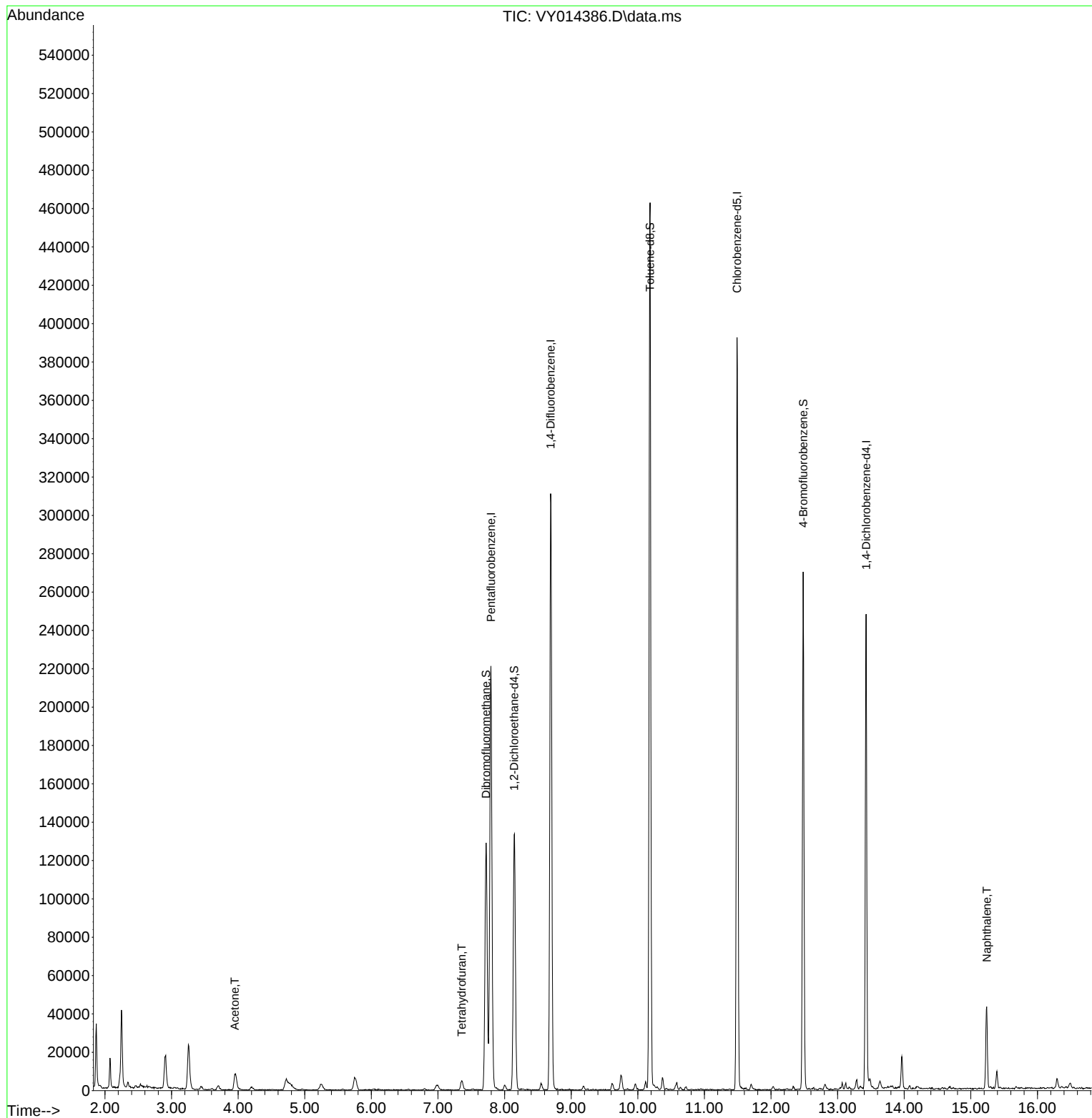
Internal Standards						
1) Pentafluorobenzene	7.795	168	172627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	265399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	117540	48.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.800%
35) Dibromofluoromethane	7.722	113	87431	46.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.900%
50) Toluene-d8	10.185	98	305460	43.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.820%
62) 4-Bromofluorobenzene	12.483	95	71701	28.685	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.360%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	16057	22.160	ug/l	99
29) Tetrahydrofuran	7.356	42	3493	6.176	ug/l #	91
95) Naphthalene	15.239	128	36421	13.148	ug/l	98

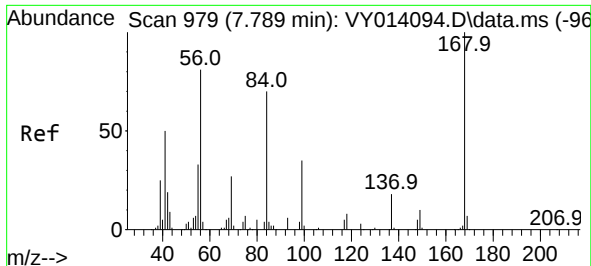
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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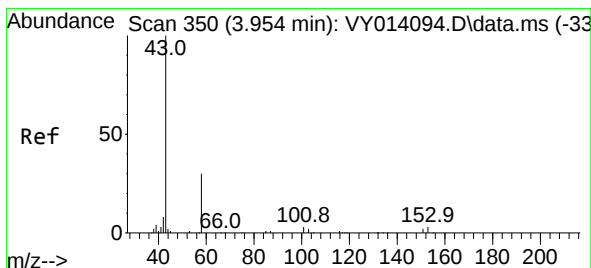
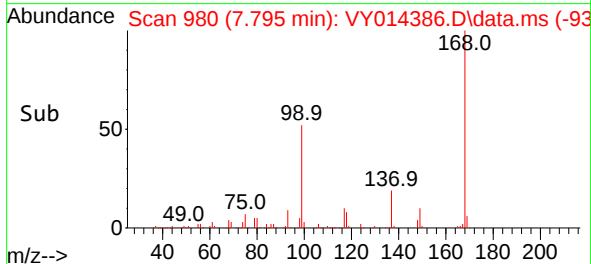
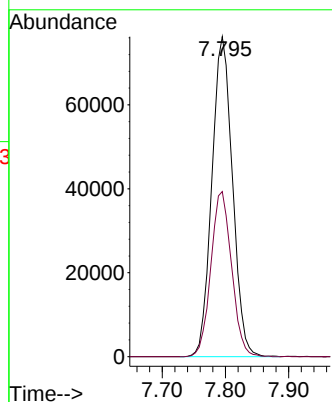
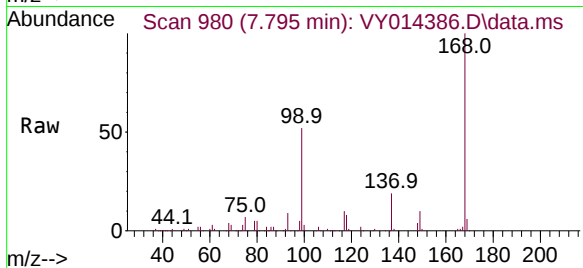




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014386.D
Acq: 22 Jun 2023 17:59

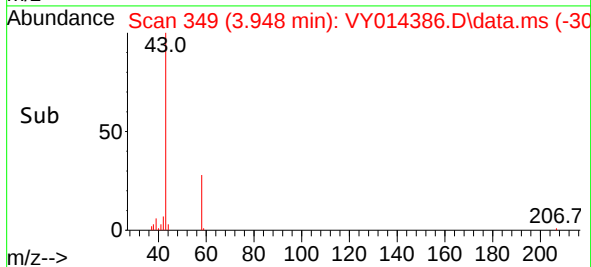
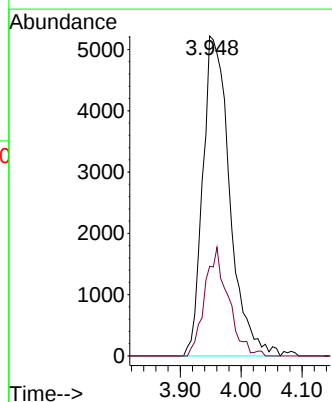
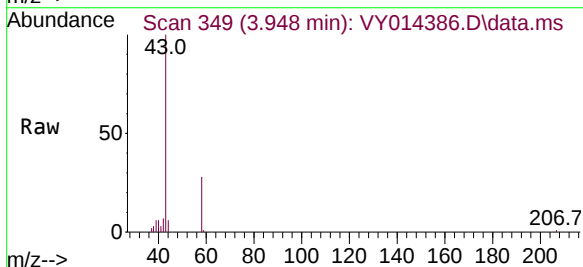
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW02-0-8-GRAB-7RE

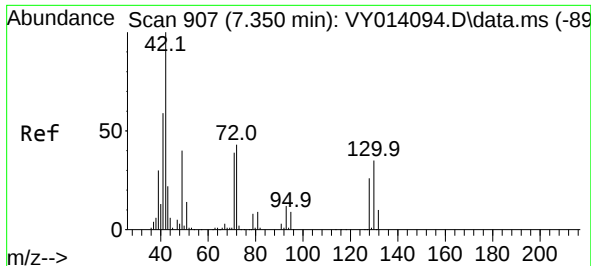
Tgt Ion:168 Resp: 172627
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#16
Acetone
Concen: 22.160 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014386.D
Acq: 22 Jun 2023 17:59

Tgt Ion: 43 Resp: 16057
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1





#29

Tetrahydrofuran

Concen: 6.176 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014386.D

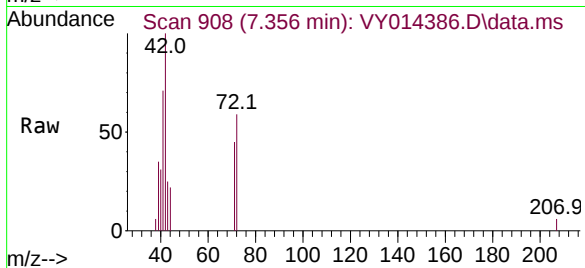
Acq: 22 Jun 2023 17:59

Instrument :

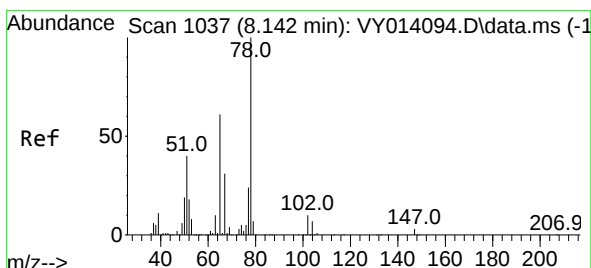
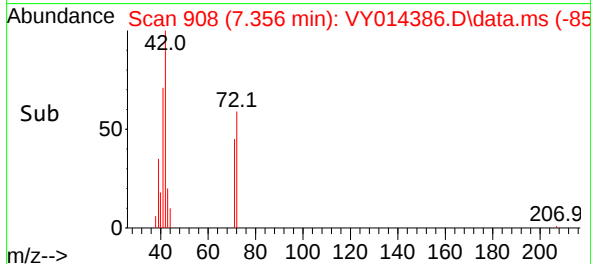
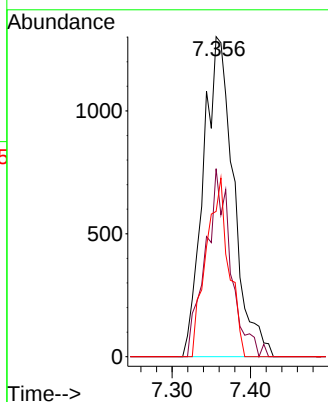
MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW02-0-8-GRAB-7RE



Tgt Ion:	42	Resp:	3493
Ion Ratio	Lower	Upper	
42	100		
72	49.4	32.8	49.2#
71	41.7	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 48.896 ug/l

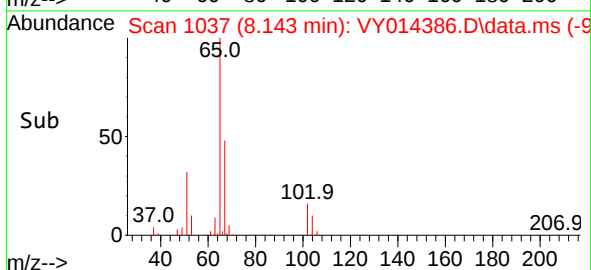
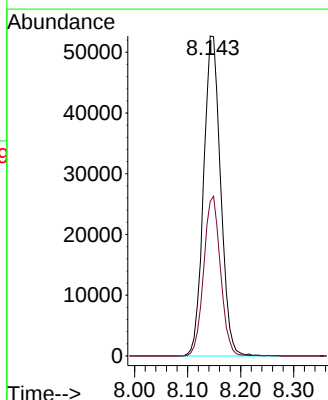
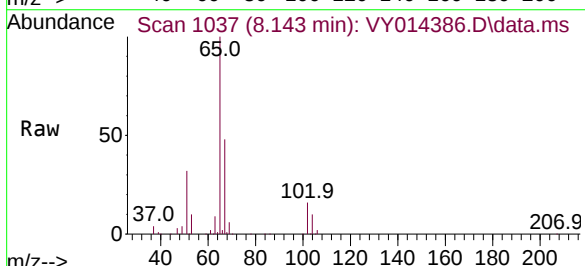
RT: 8.143 min Scan# 1037

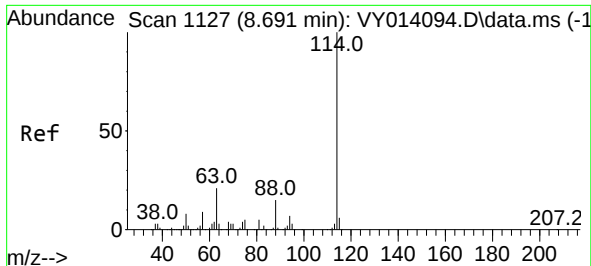
Delta R.T. 0.001 min

Lab File: VY014386.D

Acq: 22 Jun 2023 17:59

Tgt Ion:	65	Resp:	117540
Ion Ratio	Lower	Upper	
65	100		
67	49.1	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: VY014386.D

Acq: 22 Jun 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW02-0-8-GRAB-7RE

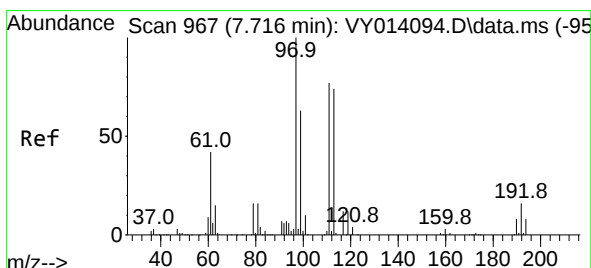
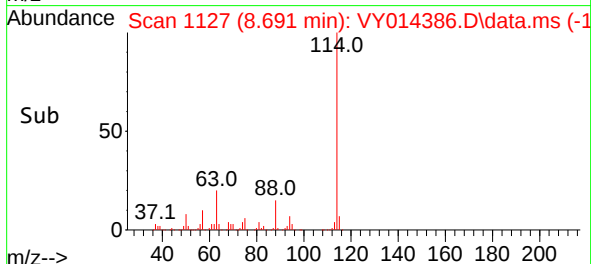
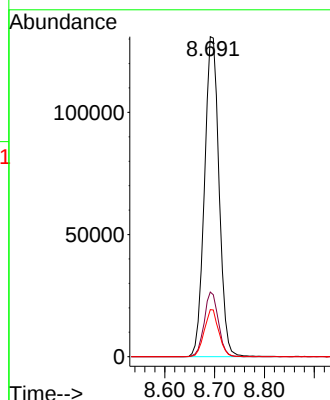
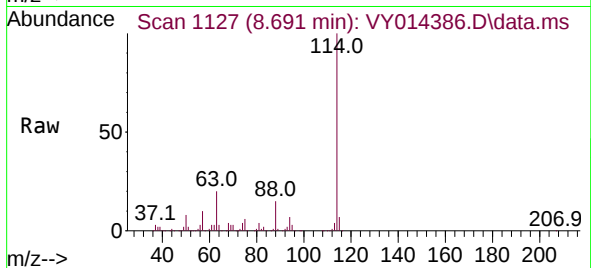
Tgt Ion:114 Resp: 265399

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.453 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014386.D

Acq: 22 Jun 2023 17:59

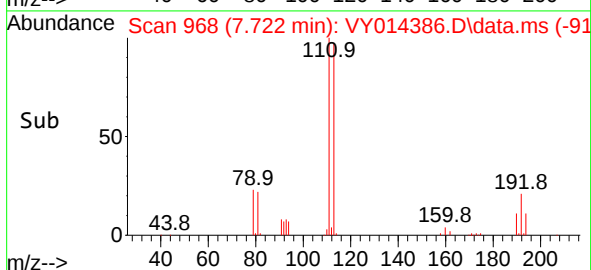
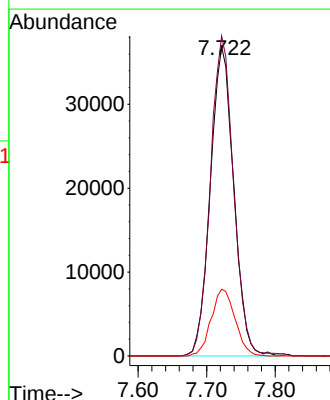
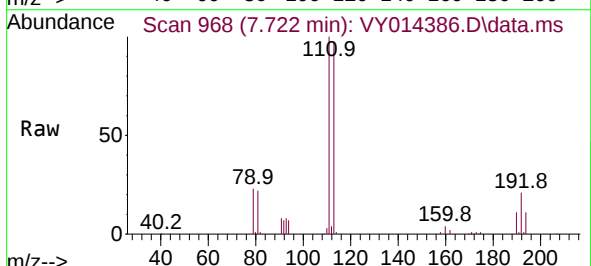
Tgt Ion:113 Resp: 87431

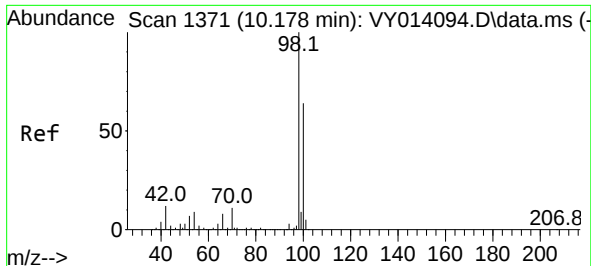
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 22.0 16.9 25.3

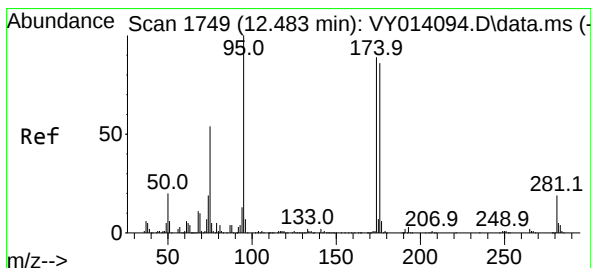
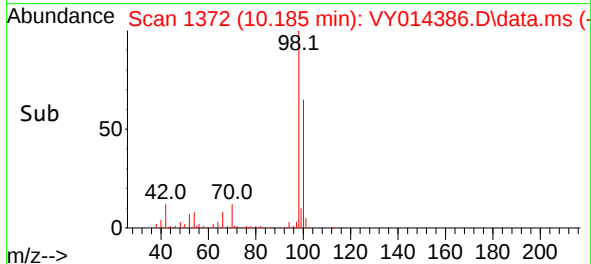
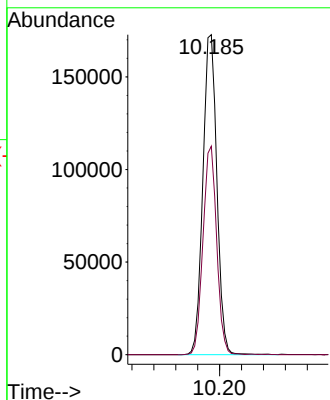
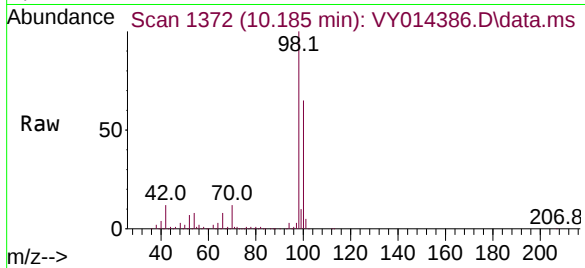




#50
Toluene-d8
Concen: 43.410 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014386.D
Acq: 22 Jun 2023 17:59

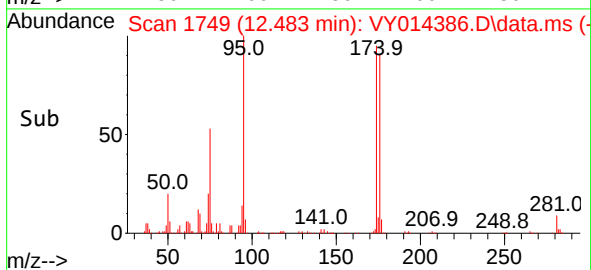
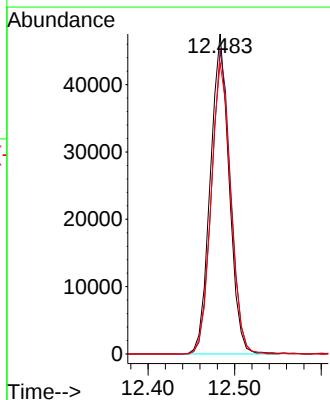
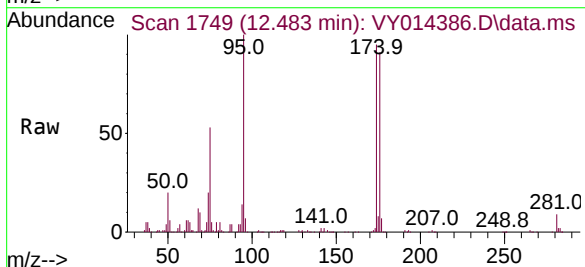
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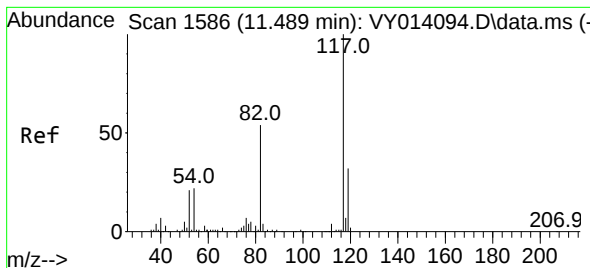
Tgt Ion: 98 Resp: 305460
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 28.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014386.D
Acq: 22 Jun 2023 17:59

Tgt Ion: 95 Resp: 71701
Ion Ratio Lower Upper
95 100
174 96.8 0.0 178.2
176 94.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY014386.D

Acq: 22 Jun 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW02-0-8-GRAB-7RE

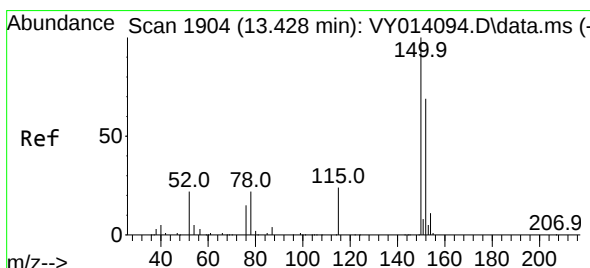
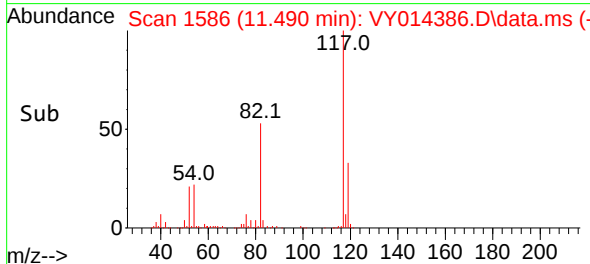
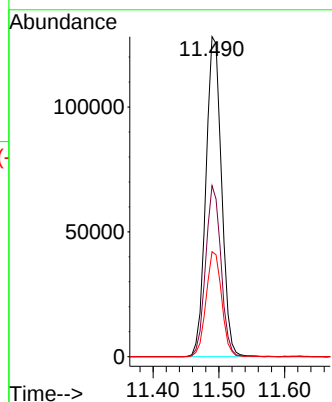
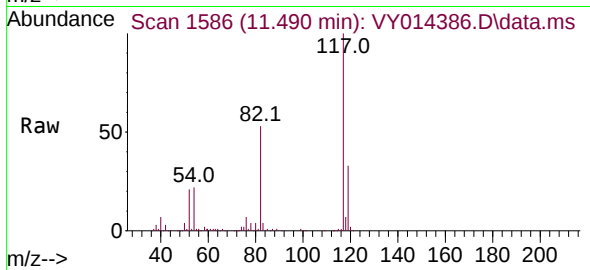
Tgt Ion:117 Resp: 212514

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.8 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: VY014386.D

Acq: 22 Jun 2023 17:59

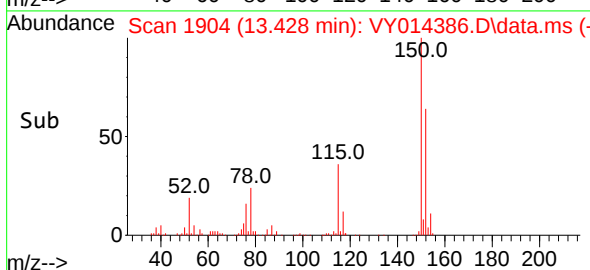
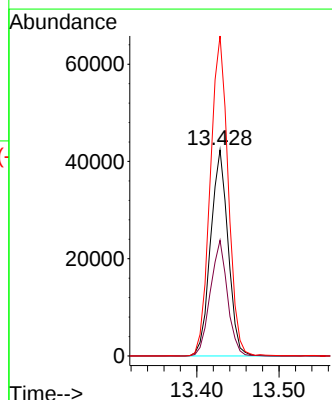
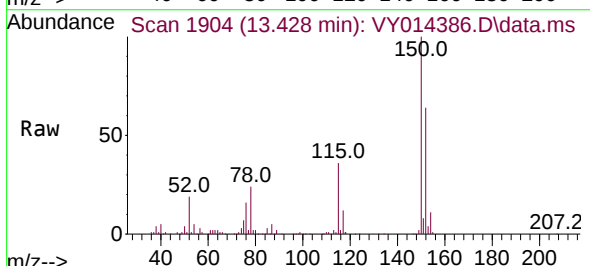
Tgt Ion:152 Resp: 62657

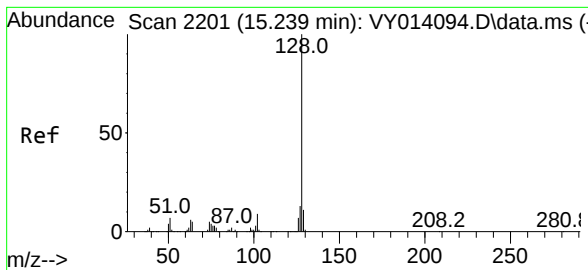
Ion Ratio Lower Upper

152 100

115 55.0 28.8 86.5

150 159.3 0.0 348.8





#95
Naphthalene
Concen: 13.148 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014386.D
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Tgt Ion:	128	Resp:	36421
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.8	16.2
129	12.2	8.6	13.0

