

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014170.D
 Acq On : 14 Jun 2023 21:44
 Operator : KP/MD
 Sample : 03224-05
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-01/02-GRAB-5B2

Quant Time: Jun 15 01:48:23 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)

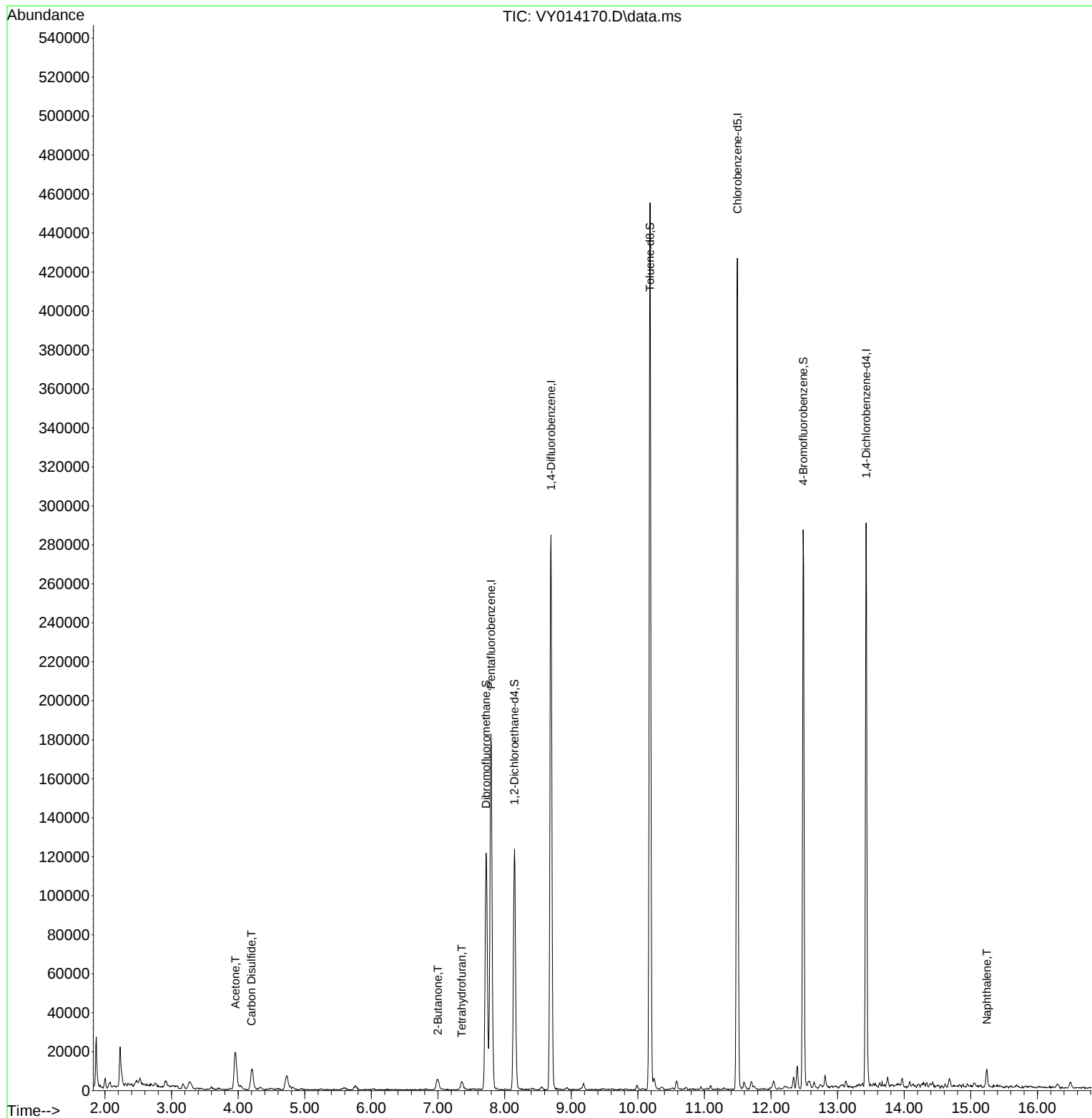
Internal Standards						
1) Pentafluorobenzene	7.795	168	138577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	223658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	101354	52.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.040%
35) Dibromofluoromethane	7.722	113	81281	47.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.185	98	290597	45.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.483	95	81847	36.277	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.560%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	35092	60.329	ug/l	93
17) Carbon Disulfide	4.198	76	18663	3.640	ug/l	98
25) 2-Butanone	6.996	43	6345	8.862	ug/l	92
29) Tetrahydrofuran	7.356	42	3125	6.883	ug/l	95
95) Naphthalene	15.238	128	8182	2.556	ug/l	98

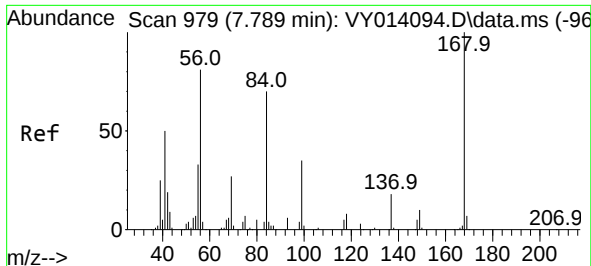
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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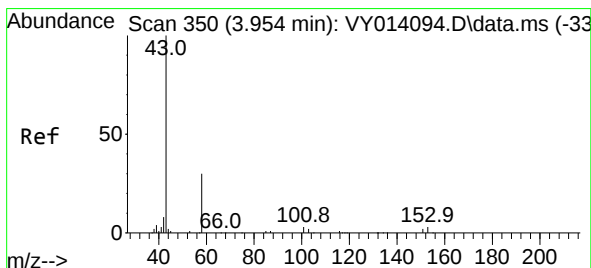
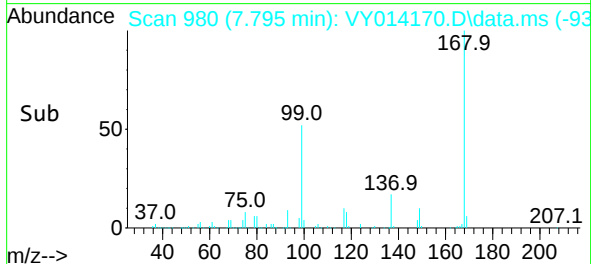
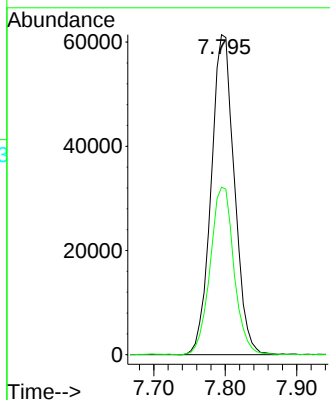
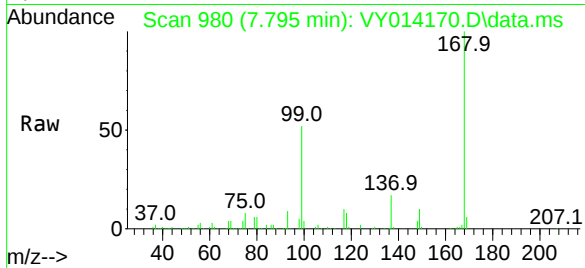




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014170.D
Acq: 14 Jun 2023 21:44

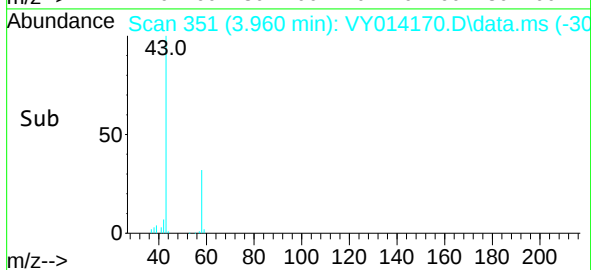
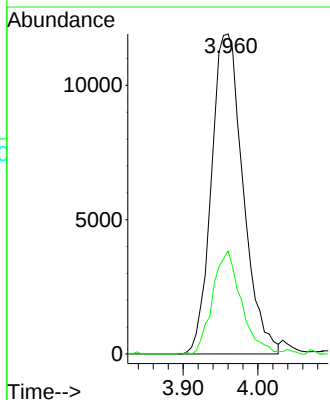
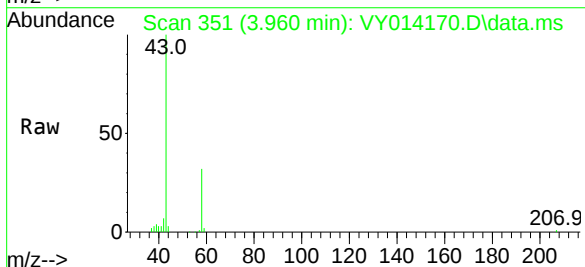
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2

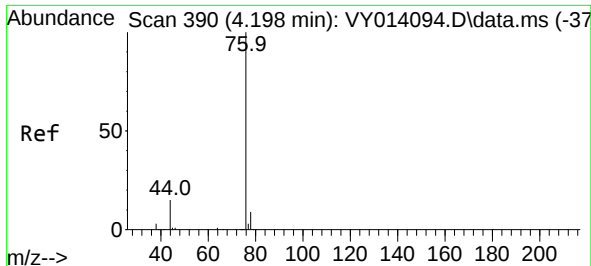
Tgt Ion:168 Resp: 138577
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#16
Acetone
Concen: 60.329 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014170.D
Acq: 14 Jun 2023 21:44

Tgt Ion: 43 Resp: 35092
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1

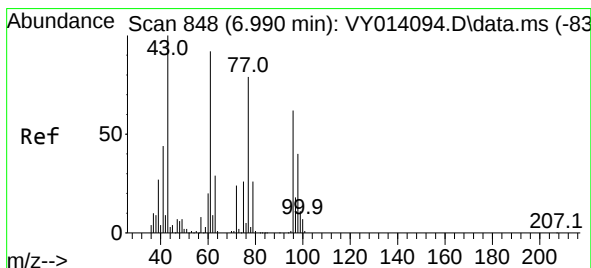
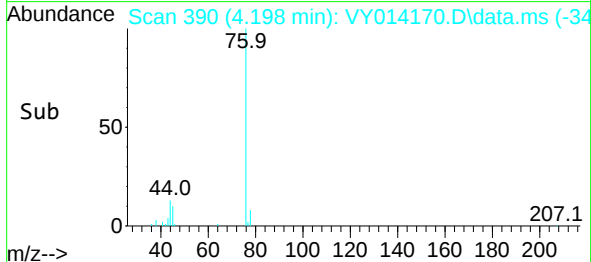
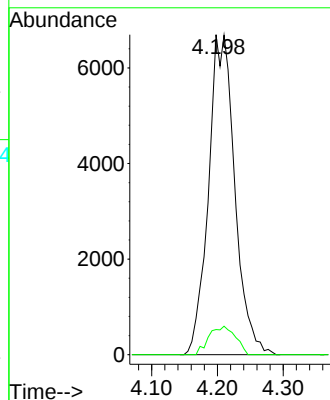
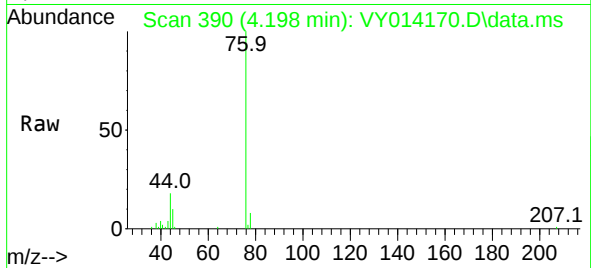




#17
Carbon Disulfide
Concen: 3.640 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY014170.D
Acq: 14 Jun 2023 21:44

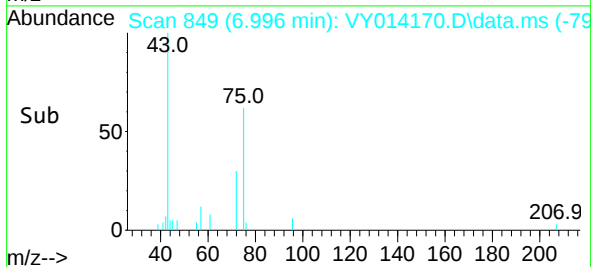
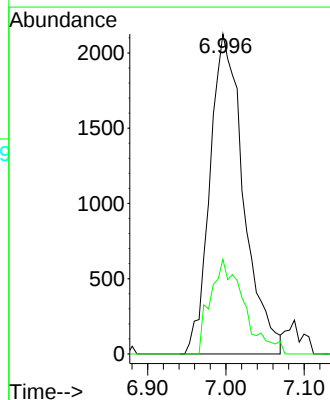
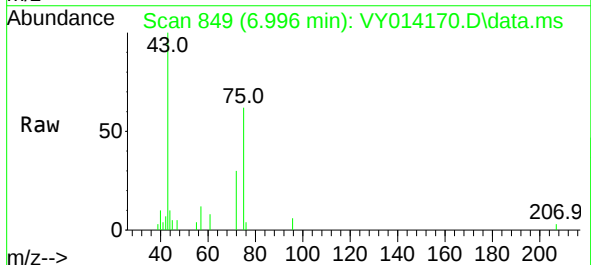
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-01/02-GRAB-5B2

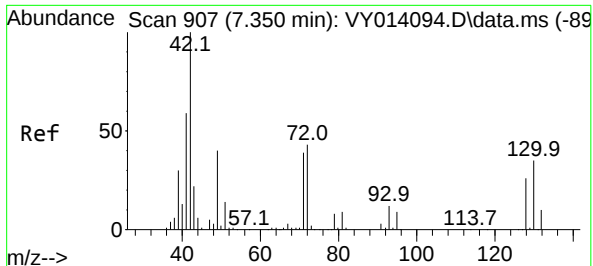
Tgt Ion: 76 Resp: 18663
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4



#25
2-Butanone
Concen: 8.862 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY014170.D
Acq: 14 Jun 2023 21:44

Tgt Ion: 43 Resp: 6345
Ion Ratio Lower Upper
43 100
72 29.5 20.5 30.7





#29

Tetrahydrofuran

Concen: 6.883 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014170.D

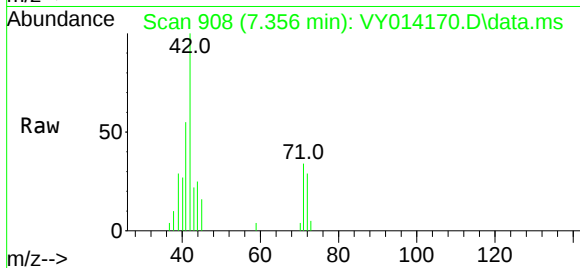
Acq: 14 Jun 2023 21:44

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B2



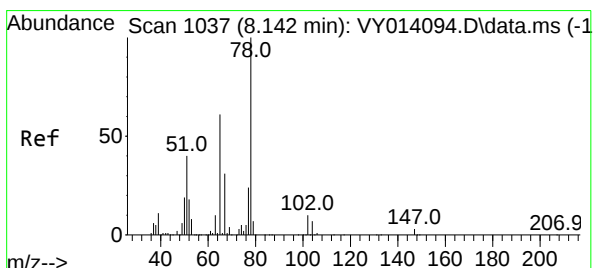
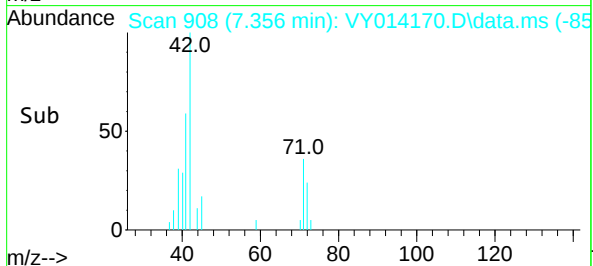
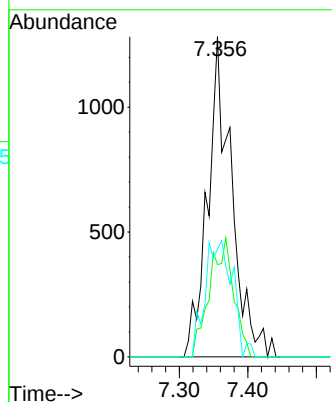
Tgt Ion: 42 Resp: 3125

Ion Ratio Lower Upper

42 100

72 37.3 32.8 49.2

71 41.7 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 52.523 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY014170.D

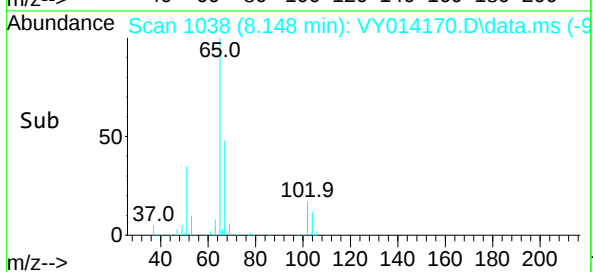
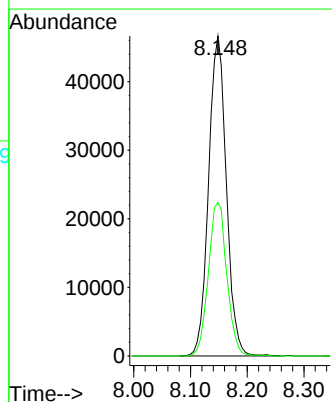
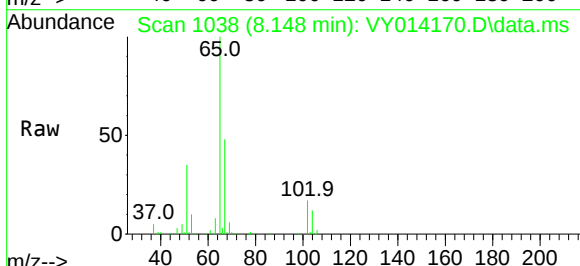
Acq: 14 Jun 2023 21:44

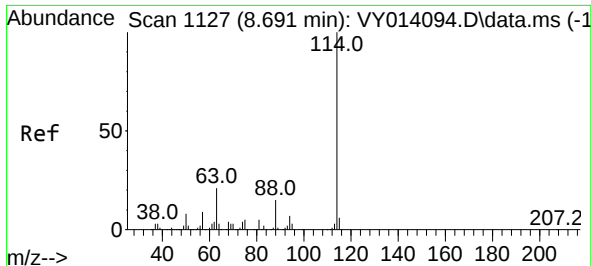
Tgt Ion: 65 Resp: 101354

Ion Ratio Lower Upper

65 100

67 49.9 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: VY014170.D

Acq: 14 Jun 2023 21:44

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B2

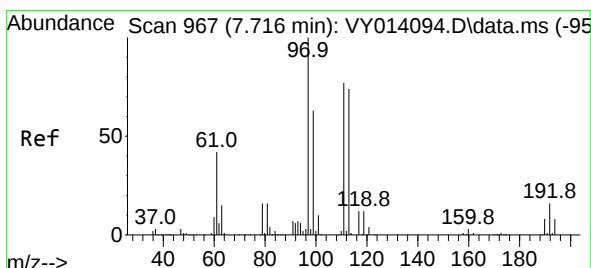
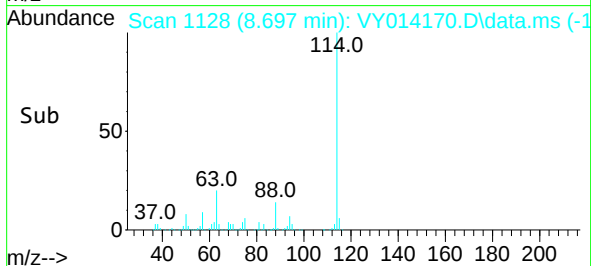
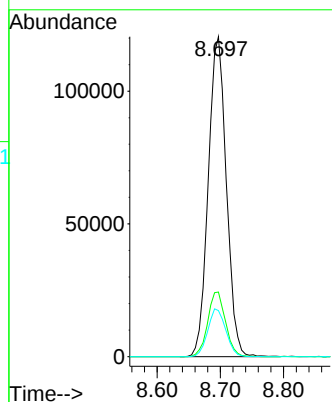
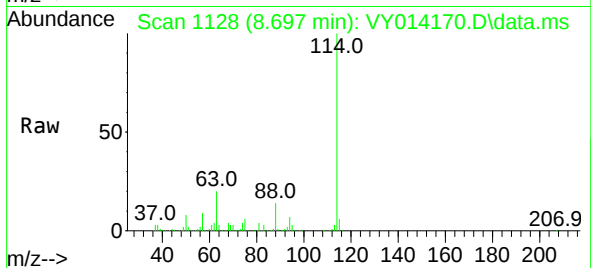
Tgt Ion:114 Resp: 239550

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.845 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014170.D

Acq: 14 Jun 2023 21:44

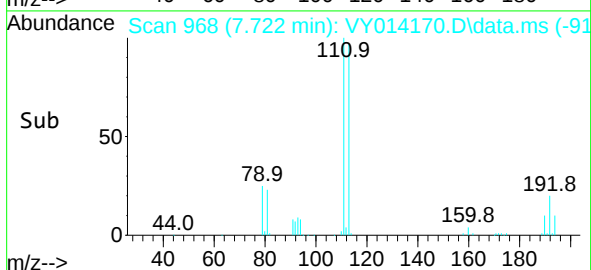
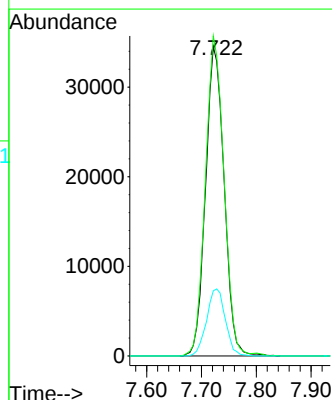
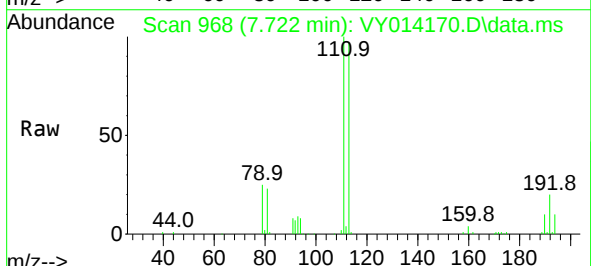
Tgt Ion:113 Resp: 81281

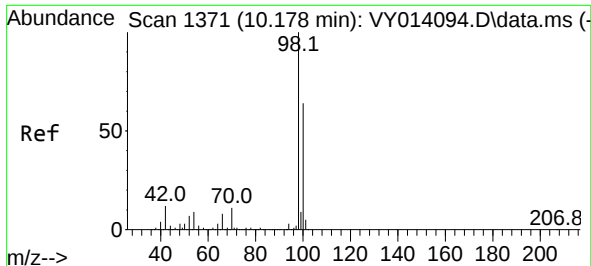
Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

192 21.8 16.9 25.3

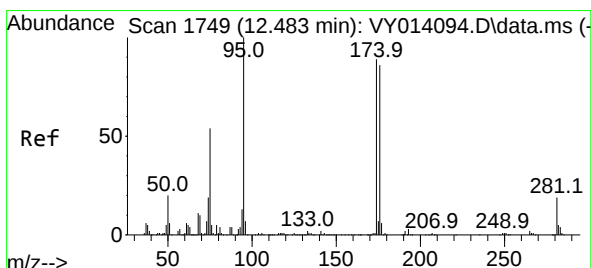
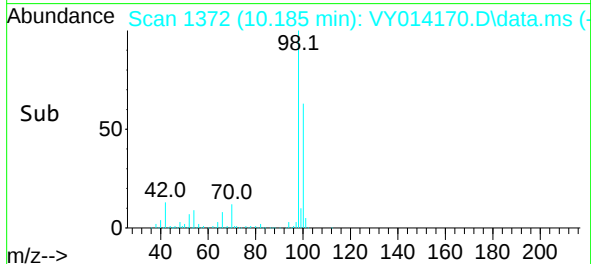
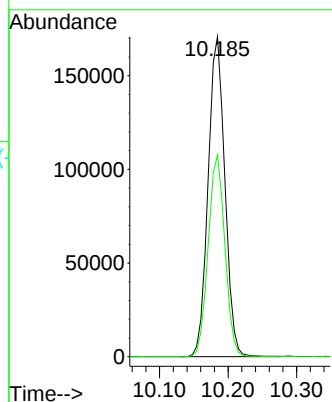
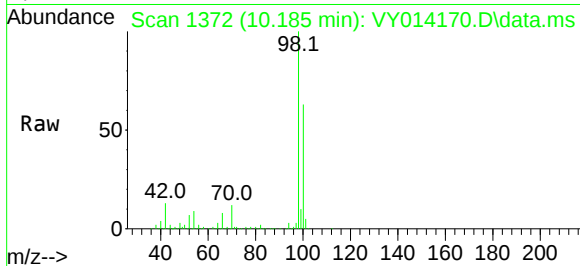




#50
Toluene-d8
Concen: 45.754 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014170.D
Acq: 14 Jun 2023 21:44

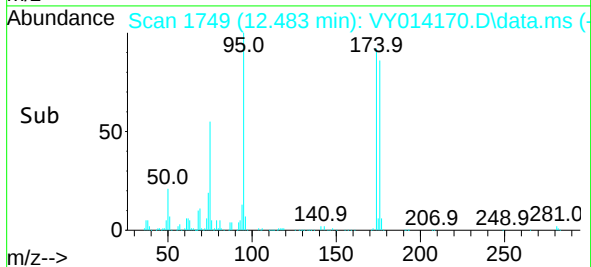
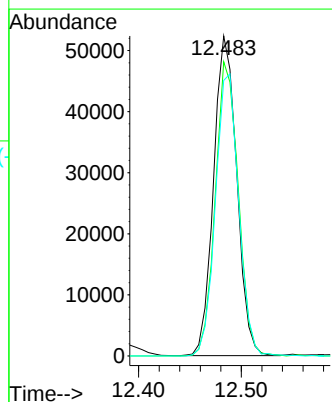
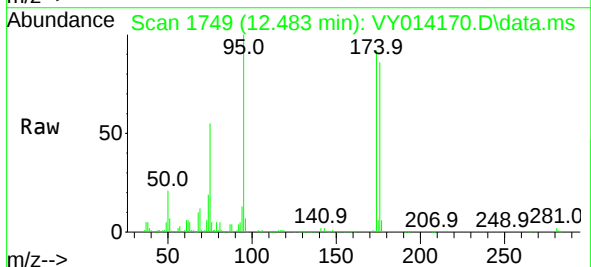
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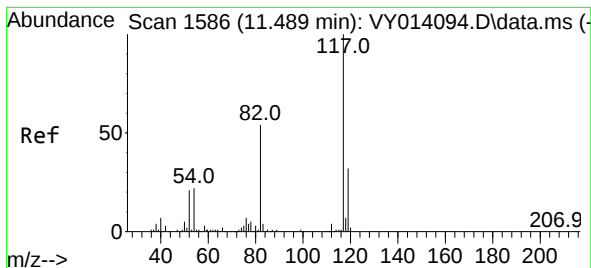
Tgt Ion: 98 Resp: 290597
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.277 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014170.D
Acq: 14 Jun 2023 21:44

Tgt Ion: 95 Resp: 81847
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 88.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014170.D

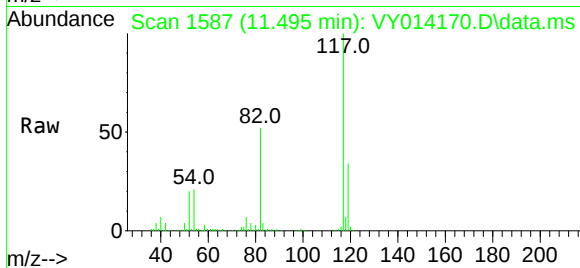
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Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B2



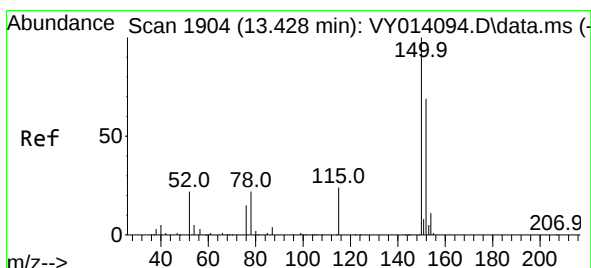
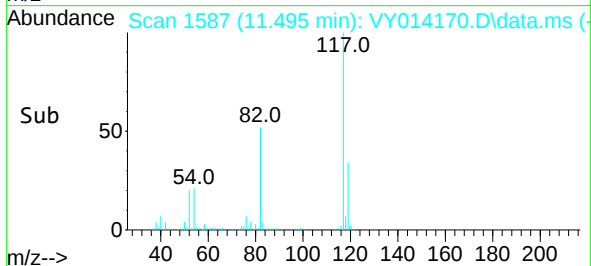
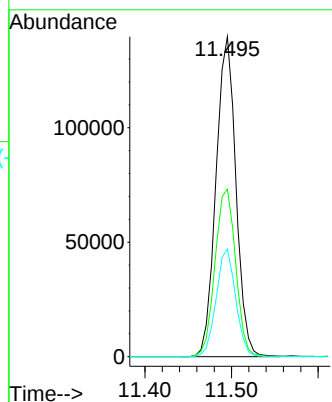
Tgt Ion:117 Resp: 223658

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 33.7 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: VY014170.D

Acq: 14 Jun 2023 21:44

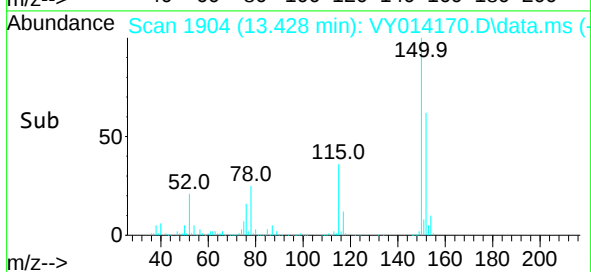
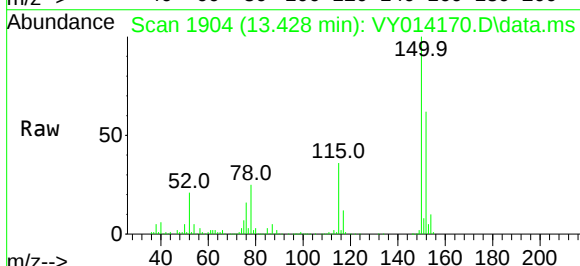
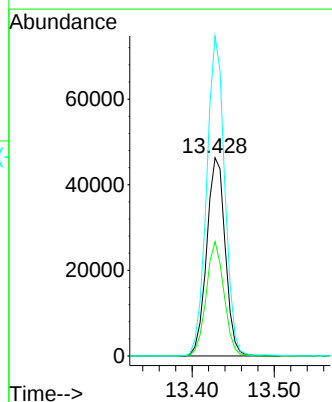
Tgt Ion:152 Resp: 72413

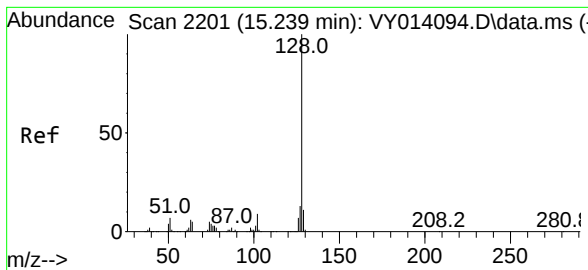
Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

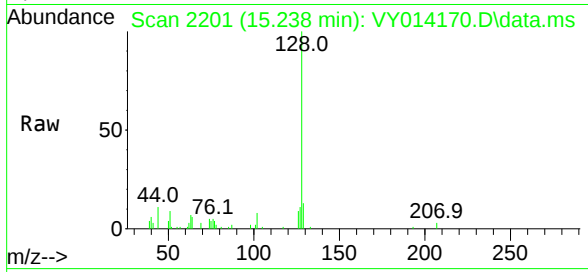
150 157.6 0.0 348.8





#95
Naphthalene
Concen: 2.556 ug/l
RT: 15.238 min Scan# 21
Delta R.T. -0.001 min
Lab File: VY014170.D
Acq: 14 Jun 2023 21:44

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Tgt Ion:	128	Resp:	8182
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	12.3	8.6	13.0

