

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014167.D
 Acq On : 14 Jun 2023 20:34
 Operator : KP/MD
 Sample : 03223-17
 Misc : 11.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-11-GRAB-6

Quant Time: Jun 15 01:47:17 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)

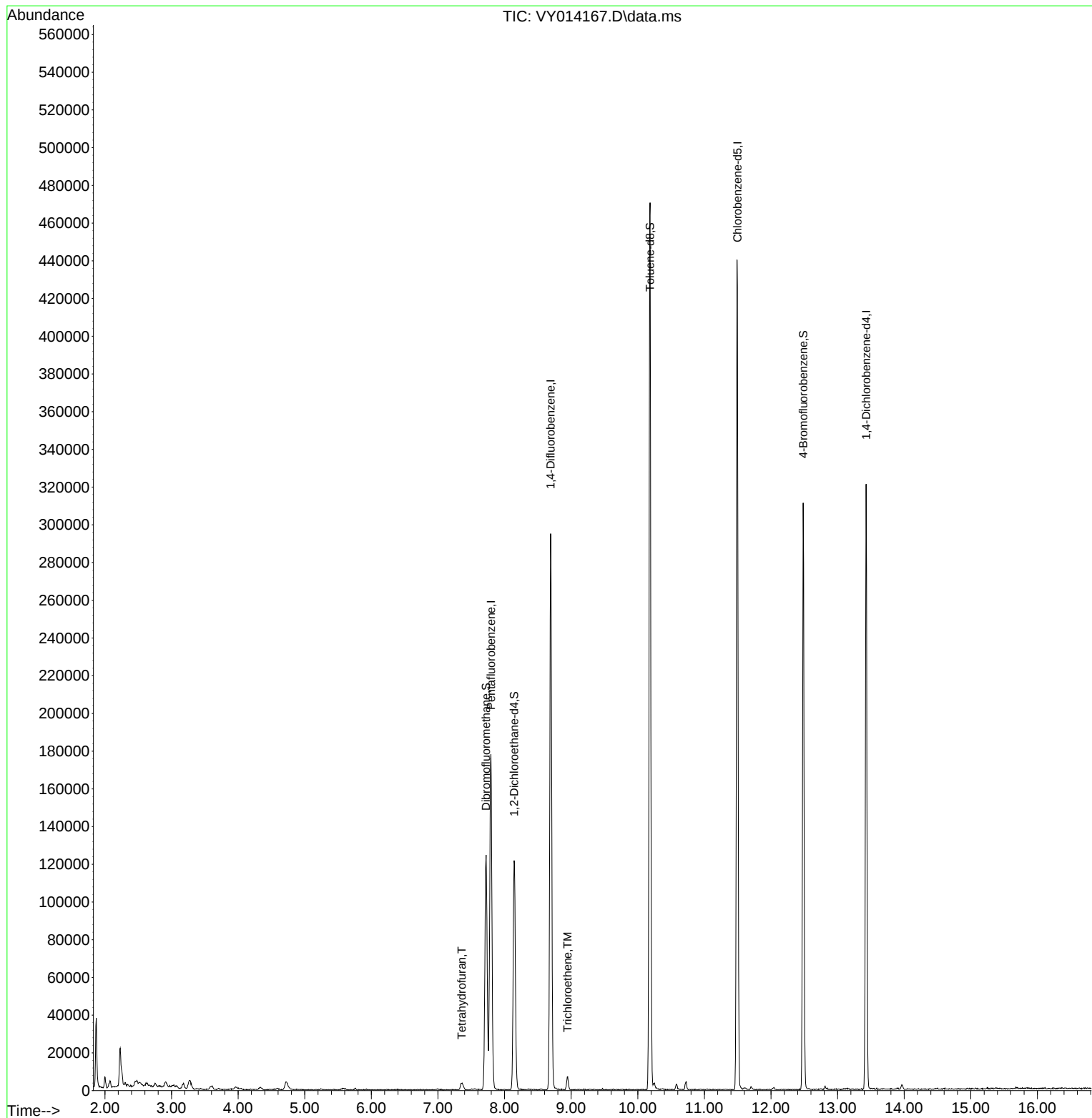
Internal Standards						
1) Pentafluorobenzene	7.795	168	140243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	236798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102477	52.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.940%
35) Dibromofluoromethane	7.722	113	84618	48.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.185	98	303863	46.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.483	95	85682	37.224	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.440%
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	7.356	42	2811	6.118	ug/l #	86
44) Trichloroethene	8.947	130	2513	1.171	ug/l	89

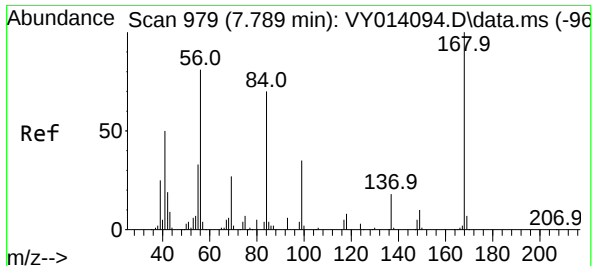
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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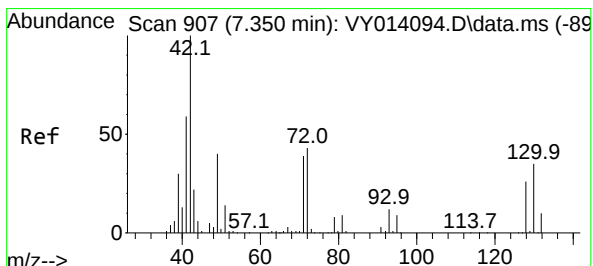
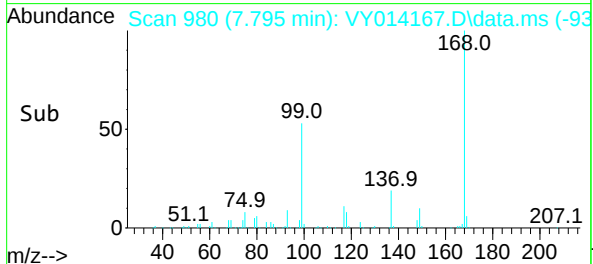
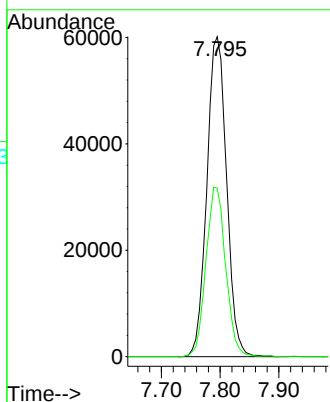
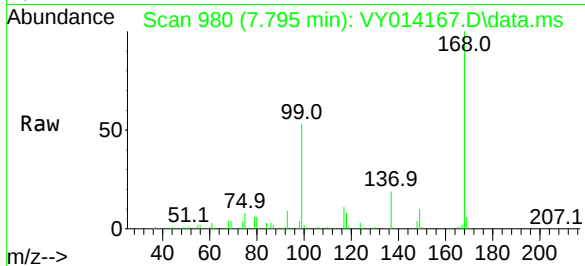




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014167.D
Acq: 14 Jun 2023 20:34

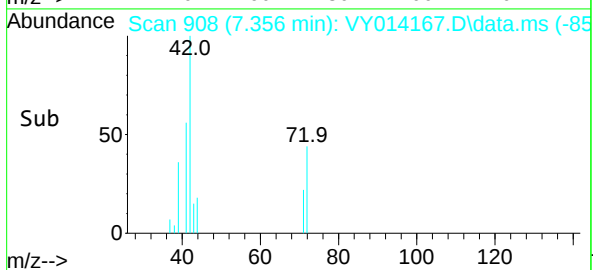
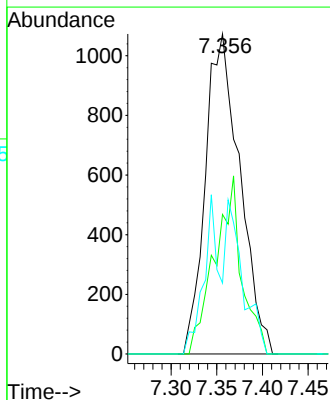
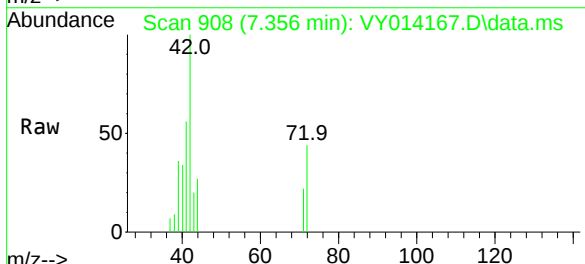
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-11-GRAB-6

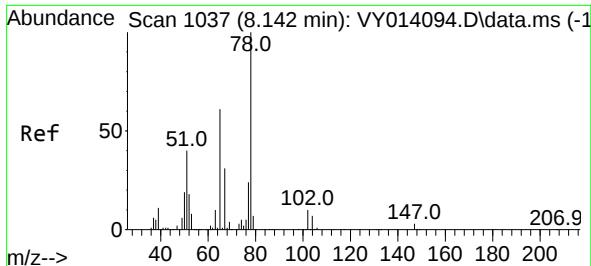
Tgt Ion:168 Resp: 140243
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.118 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014167.D
Acq: 14 Jun 2023 20:34

Tgt Ion: 42 Resp: 2811
Ion Ratio Lower Upper
42 100
72 43.6 32.8 49.2
71 23.9 31.0 46.4#





#33

1,2-Dichloroethane-d4

Concen: 52.474 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY014167.D

Acq: 14 Jun 2023 20:34

Instrument :

MSVOA_Y

ClientSampleId :

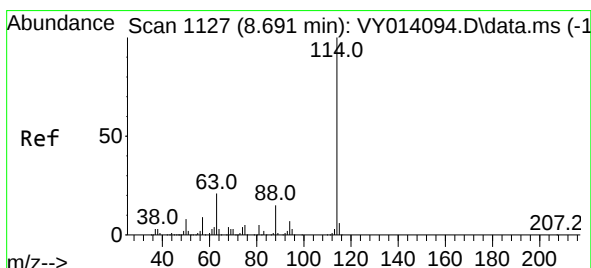
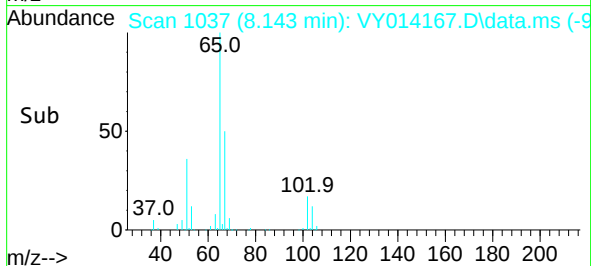
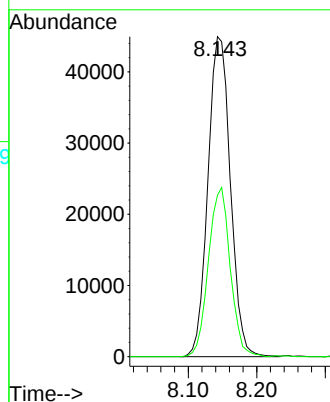
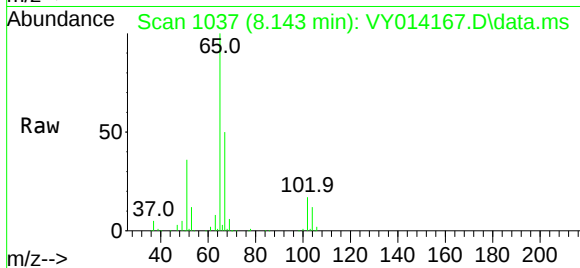
TOTAL-VOC-SB-11-GRAB-6

Tgt Ion: 65 Resp: 102477

Ion Ratio Lower Upper

65 100

67 51.4 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: VY014167.D

Acq: 14 Jun 2023 20:34

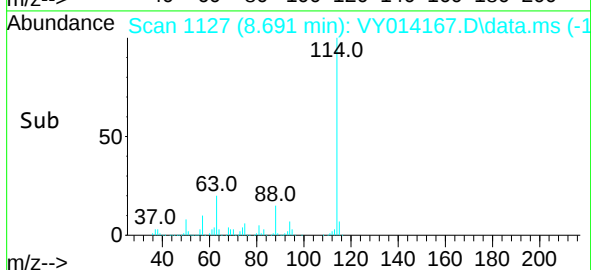
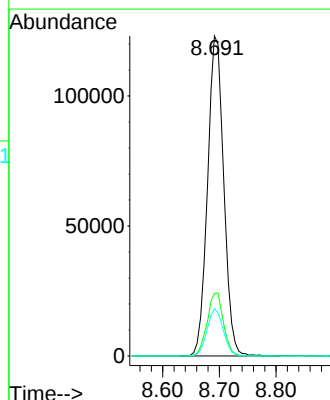
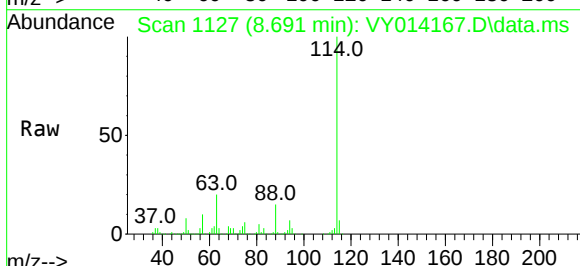
Tgt Ion: 114 Resp: 244397

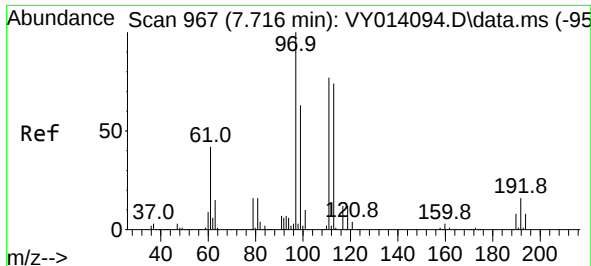
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.8 0.0 30.6

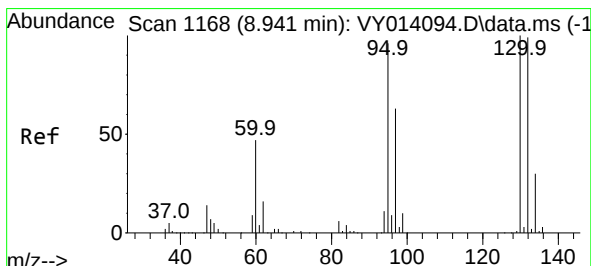
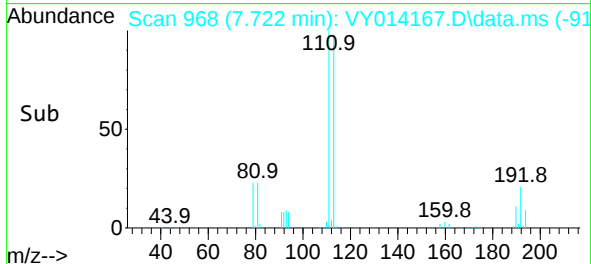
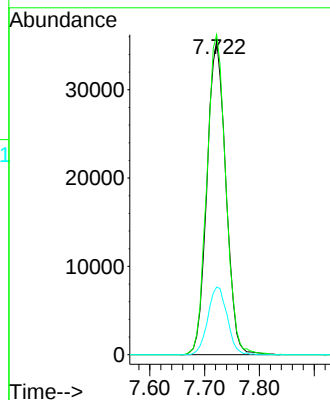
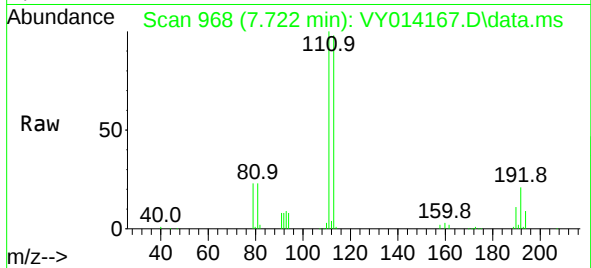




#35
Dibromofluoromethane
Concen: 48.822 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014167.D
Acq: 14 Jun 2023 20:34

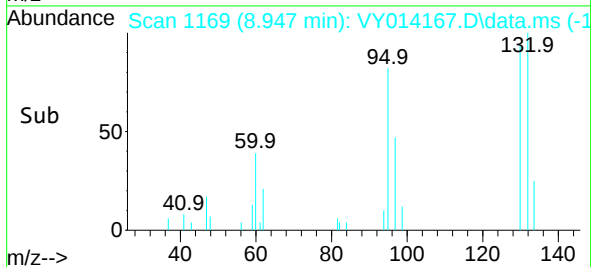
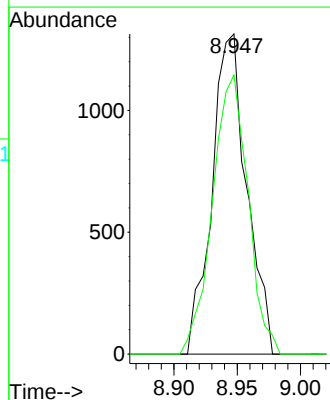
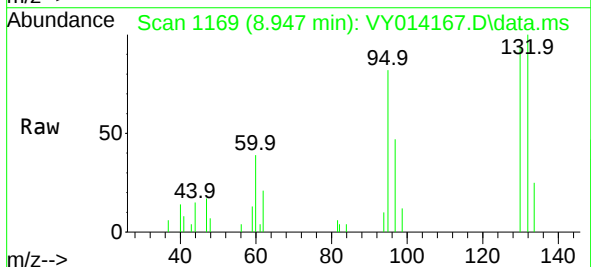
Instrument :
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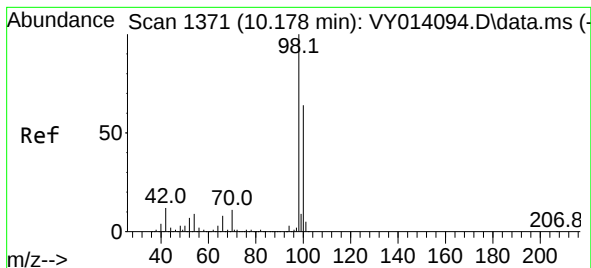
Tgt Ion:113 Resp: 84618
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 22.1 16.9 25.3



#44
Trichloroethene
Concen: 1.171 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014167.D
Acq: 14 Jun 2023 20:34

Tgt Ion:130 Resp: 2513
Ion Ratio Lower Upper
130 100
95 87.2 0.0 196.0

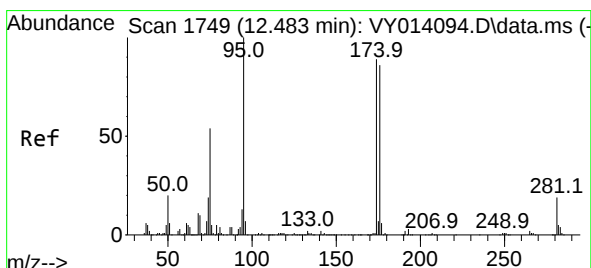
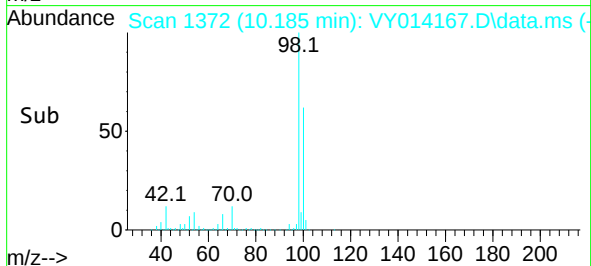
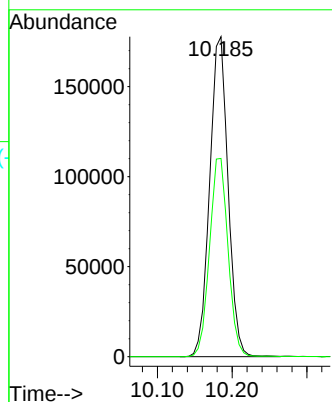
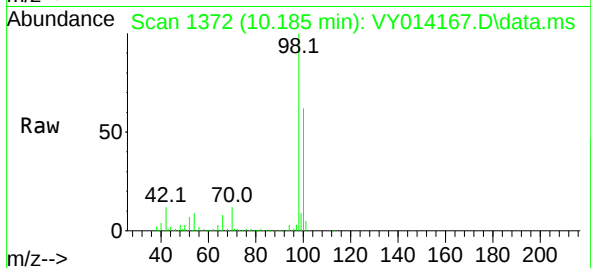




#50
Toluene-d8
Concen: 46.894 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014167.D
Acq: 14 Jun 2023 20:34

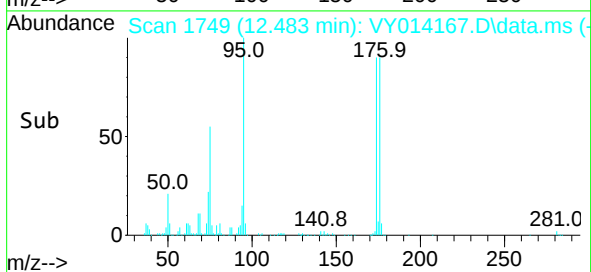
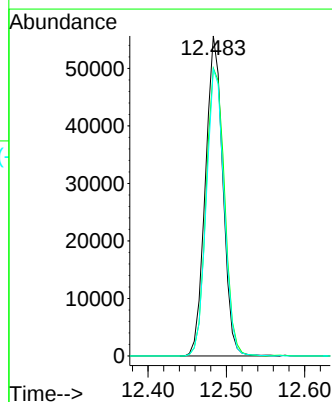
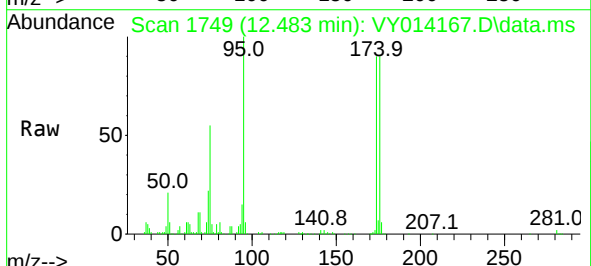
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TOTAL-VOC-SB-11-GRAB-6

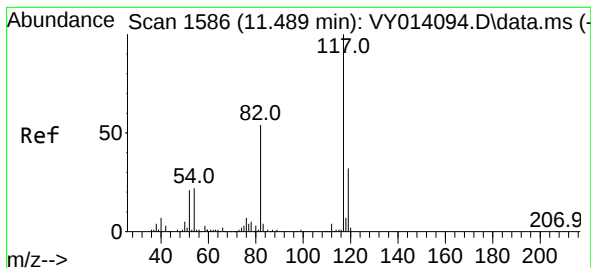
Tgt Ion: 98 Resp: 303863
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.224 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014167.D
Acq: 14 Jun 2023 20:34

Tgt Ion: 95 Resp: 85682
Ion Ratio Lower Upper
95 100
174 95.0 0.0 178.2
176 91.0 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: VY014167.D

Acq: 14 Jun 2023 20:34

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-11-GRAB-6

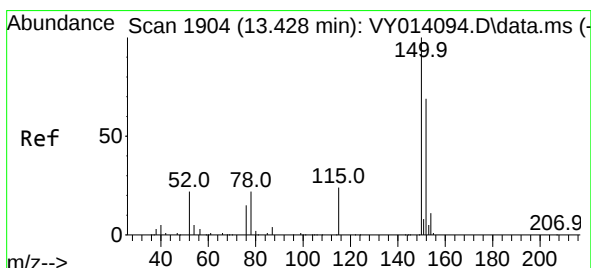
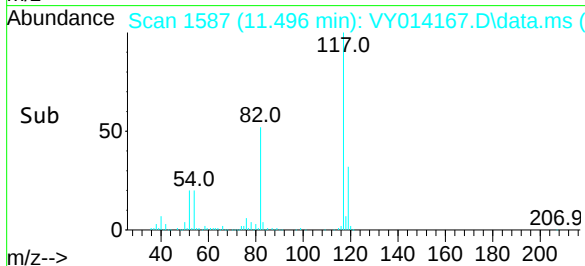
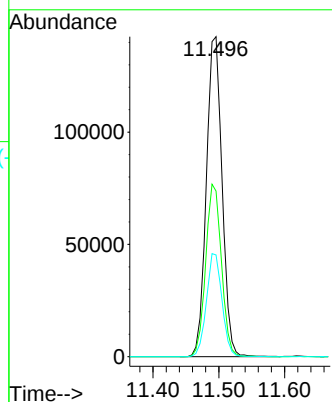
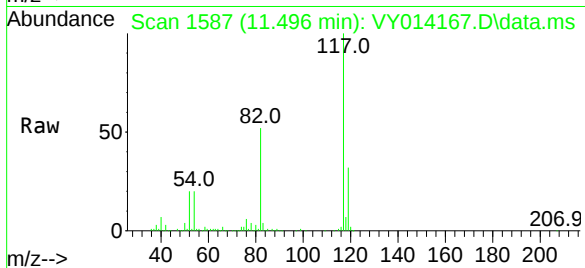
Tgt Ion:117 Resp: 236798

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 31.8 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: VY014167.D

Acq: 14 Jun 2023 20:34

Tgt Ion:152 Resp: 81991

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 156.4 0.0 348.8

