

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014259.D
 Acq On : 20 Jun 2023 04:39
 Operator : KP/MD
 Sample : 03327-23
 Misc : 13.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-14-GRAB-6

Quant Time: Jun 20 05:48:50 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)

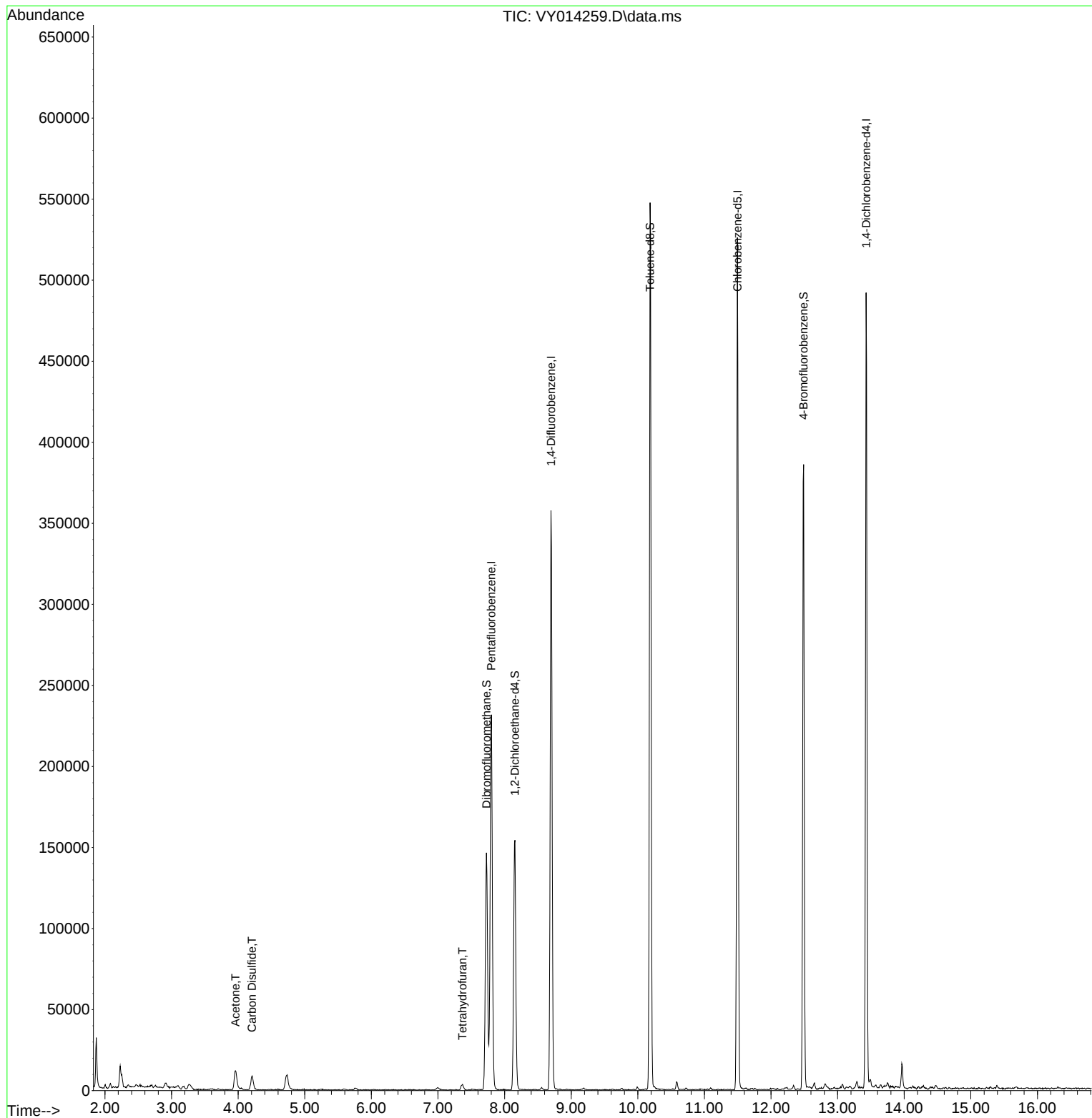
Internal Standards						
1) Pentafluorobenzene	7.801	168	181216	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	290011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	129734	51.411	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.820%	
35) Dibromofluoromethane	7.728	113	98490	47.888	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.780%	
50) Toluene-d8	10.185	98	351650	45.733	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.460%	
62) 4-Bromofluorobenzene	12.489	95	109355	40.036	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.080%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	21759	28.606	ug/l	92
17) Carbon Disulfide	4.204	76	15727	2.346	ug/l #	94
29) Tetrahydrofuran	7.368	42	2473	4.165	ug/l	92

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

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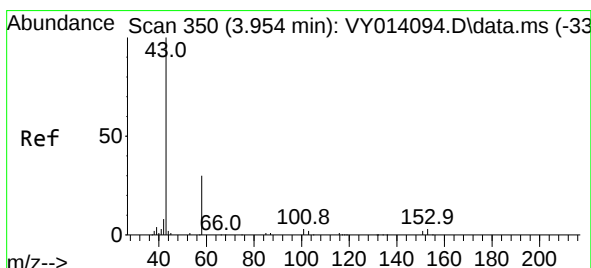
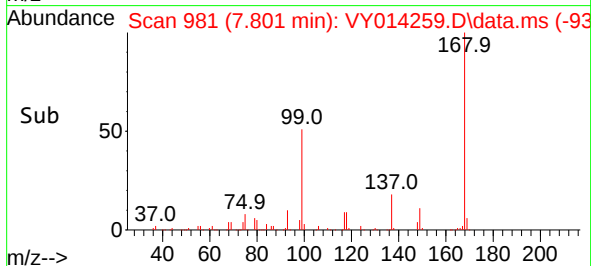
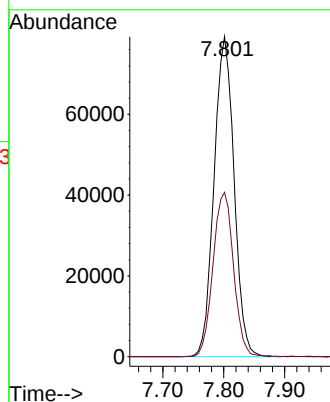
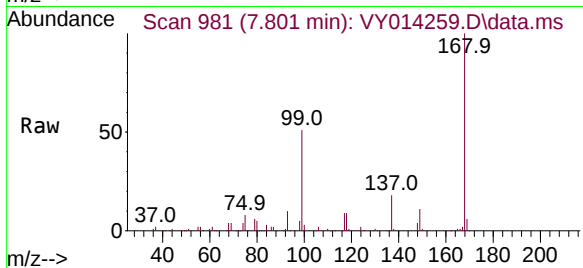




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

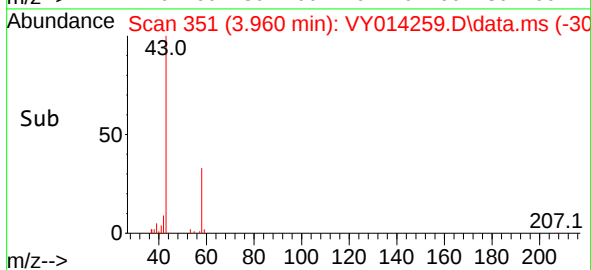
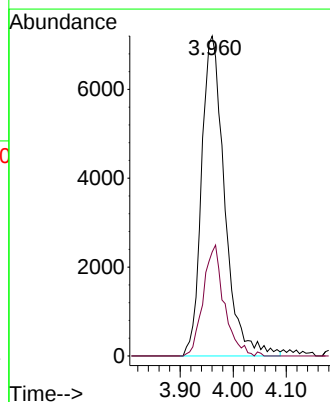
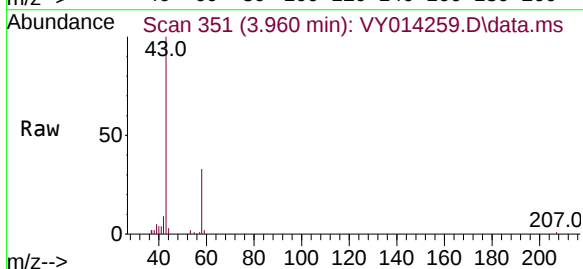
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-6

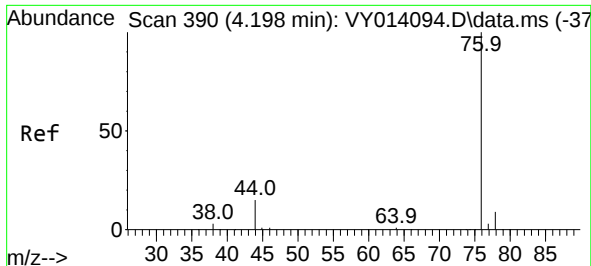
Tgt Ion:168 Resp: 181216
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#16
Acetone
Concen: 28.606 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion: 43 Resp: 21759
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1

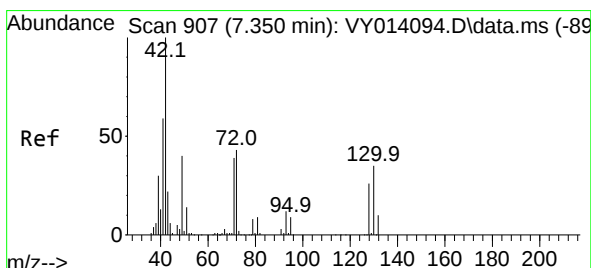
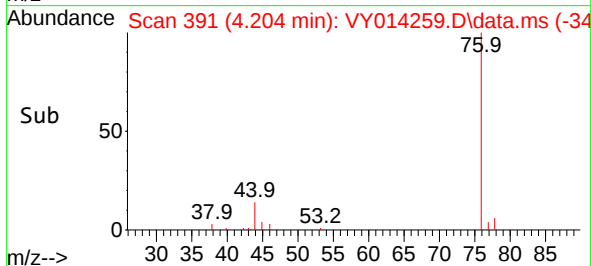
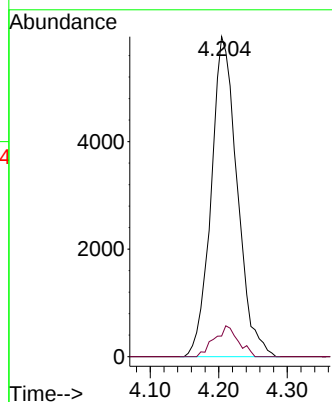
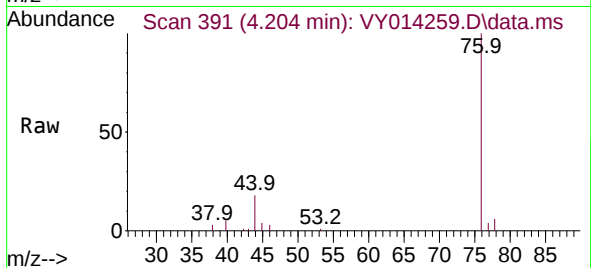




#17
Carbon Disulfide
Concen: 2.346 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

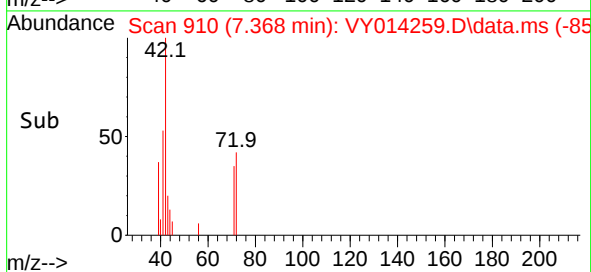
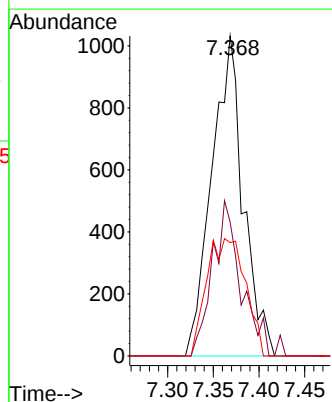
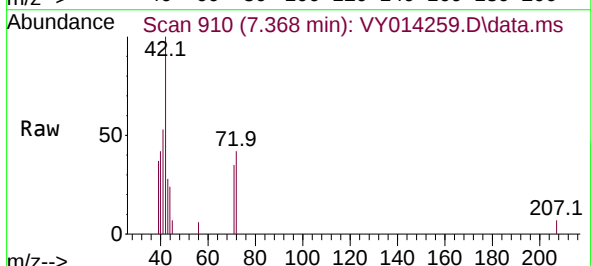
Instrument :
MSVOA_Y
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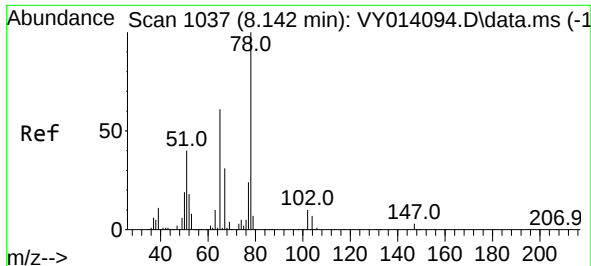
Tgt Ion: 76 Resp: 15727
Ion Ratio Lower Upper
76 100
78 6.5 7.0 10.4#



#29
Tetrahydrofuran
Concen: 4.165 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion: 42 Resp: 2473
Ion Ratio Lower Upper
42 100
72 43.8 32.8 49.2
71 45.4 31.0 46.4

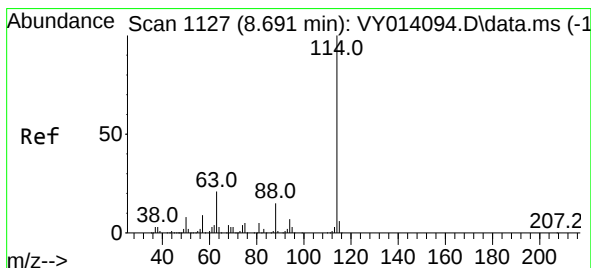
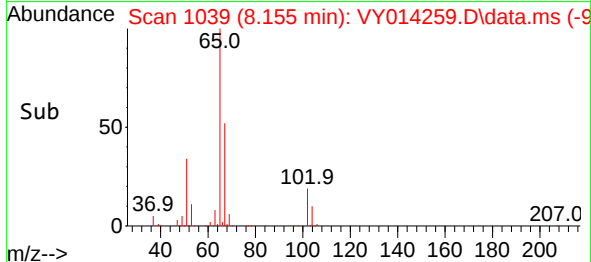
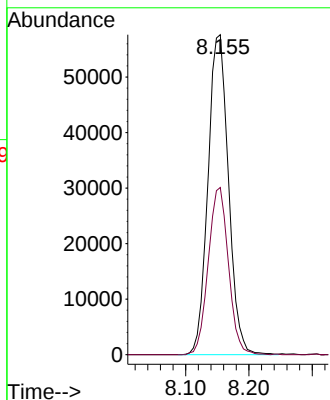
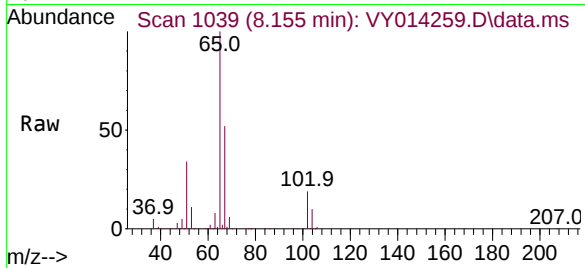




#33
 1,2-Dichloroethane-d4
 Concen: 51.411 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.013 min
 Lab File: VY014259.D
 Acq: 20 Jun 2023 04:39

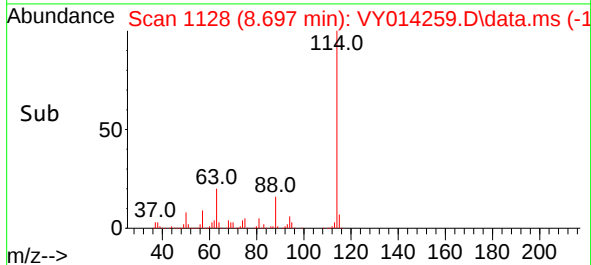
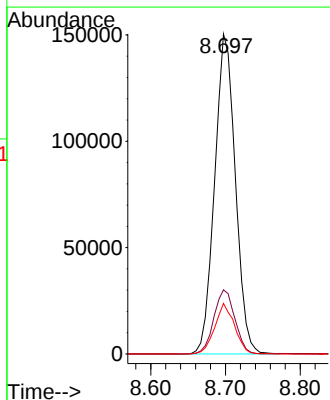
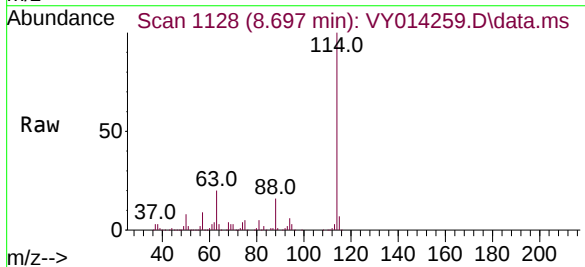
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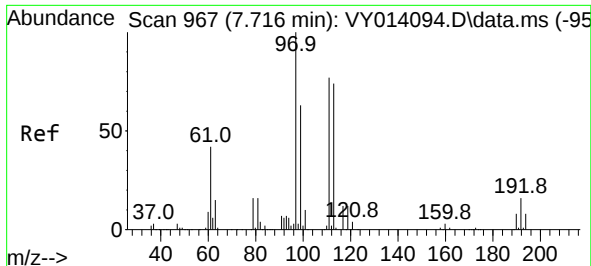
Tgt Ion: 65 Resp: 129734
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY014259.D
 Acq: 20 Jun 2023 04:39

Tgt Ion: 114 Resp: 290011
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.8 0.0 30.6

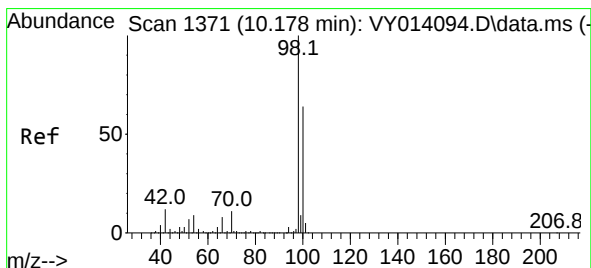
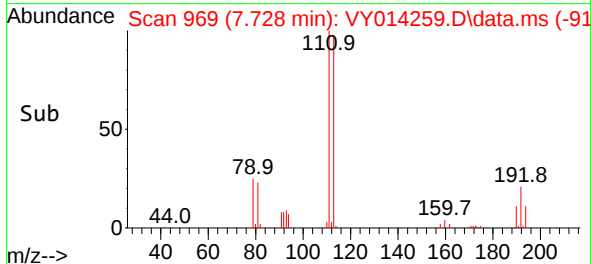
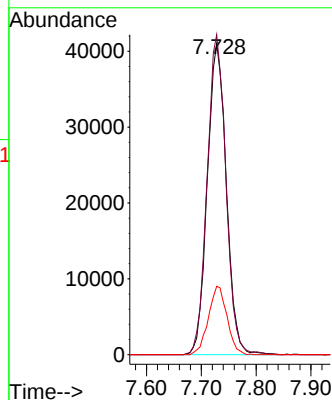
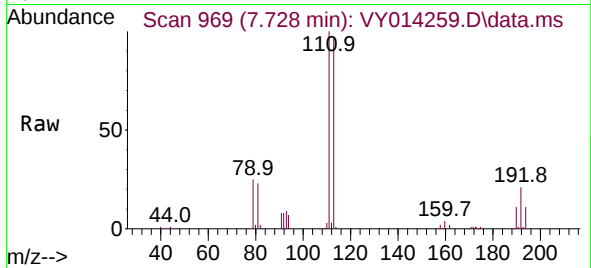




#35
Dibromofluoromethane
Concen: 47.888 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

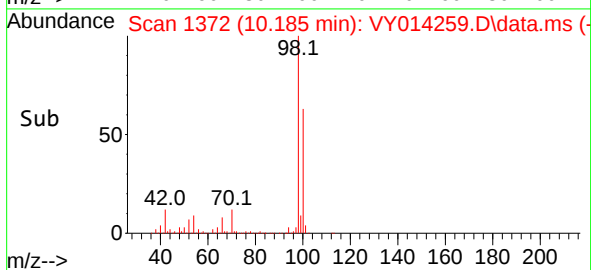
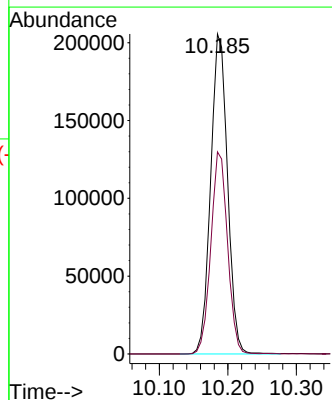
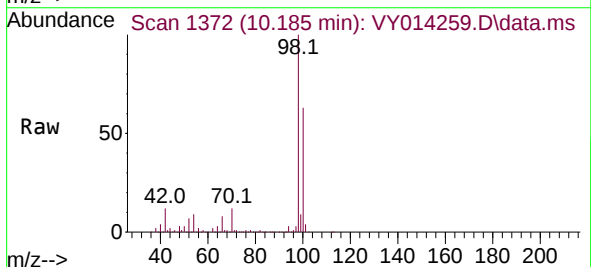
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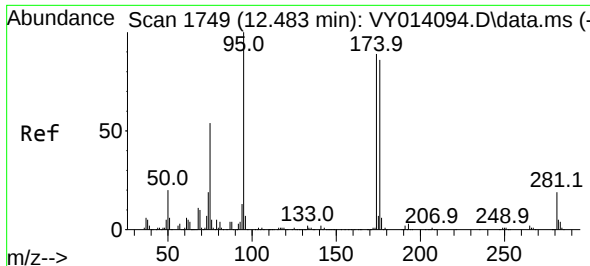
Tgt Ion:113 Resp: 98490
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 21.6 16.9 25.3



#50
Toluene-d8
Concen: 45.733 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion: 98 Resp: 351650
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

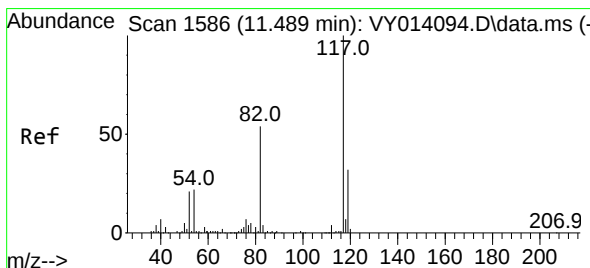
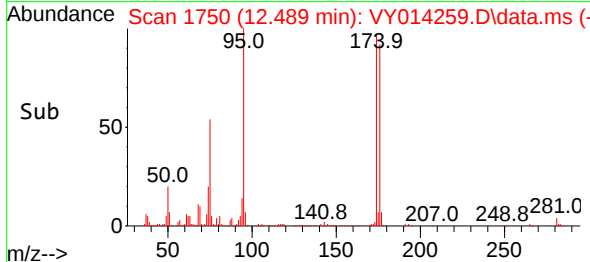
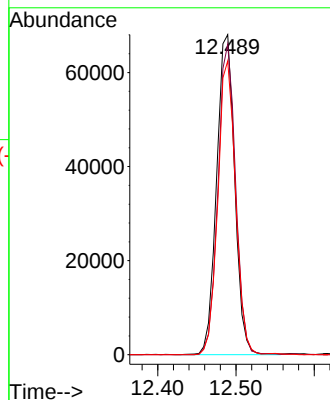
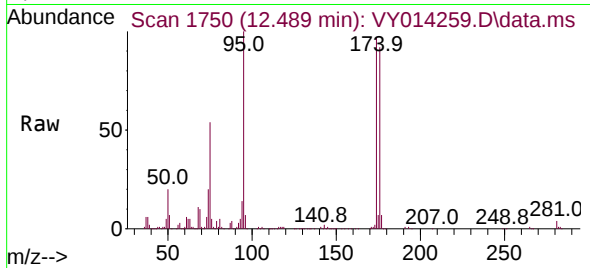




#62
4-Bromofluorobenzene
Concen: 40.036 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

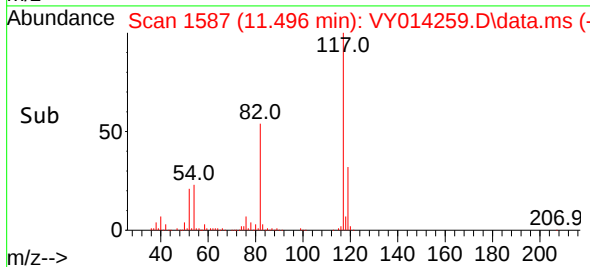
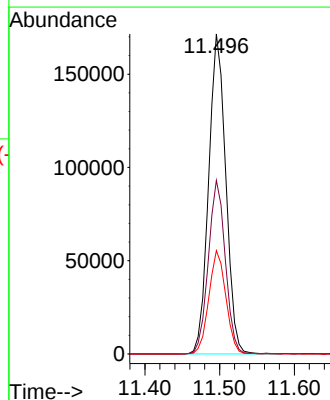
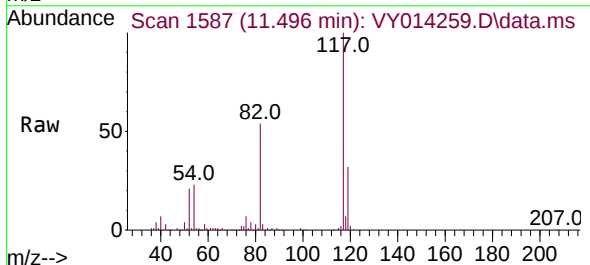
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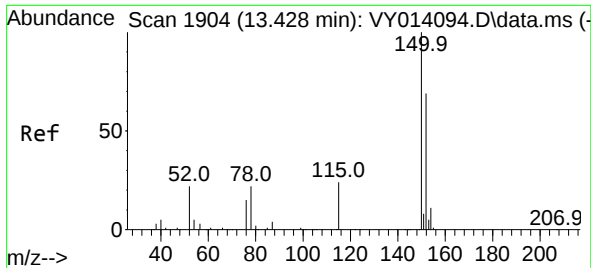
Tgt Ion: 95 Resp: 109355
Ion Ratio Lower Upper
95 100
174 94.8 0.0 178.2
176 89.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion: 117 Resp: 272872
Ion Ratio Lower Upper
117 100
82 54.3 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: VY014259.D

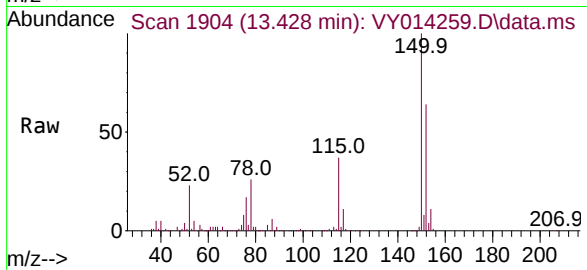
Acq: 20 Jun 2023 04:39

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-14-GRAB-6



Tgt Ion:152 Resp: 123632

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 156.5 0.0 348.8

