

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014369.D
 Acq On : 22 Jun 2023 08:05
 Operator : KP/MD
 Sample : 03362-12
 Misc : 13.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-12-13-SB-12-GRAB-5

Quant Time: Jun 22 08:56:07 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)

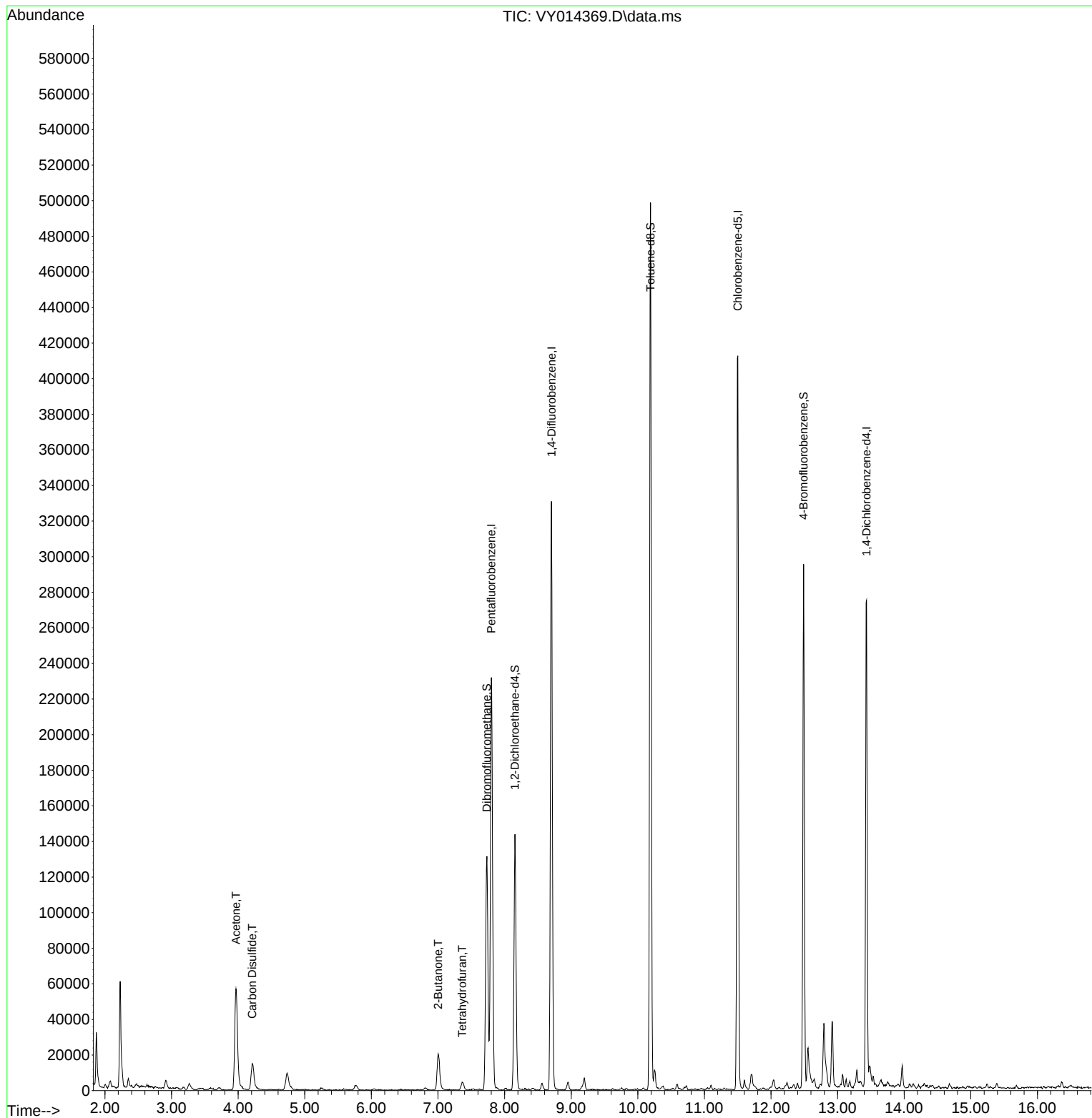
Internal Standards						
1) Pentafluorobenzene	7.801	168	176199	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	274877	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	228742	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	73315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	115882	47.229	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.460%
35) Dibromofluoromethane	7.734	113	90917	46.639	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.280%
50) Toluene-d8	10.191	98	326270	44.769	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.540%
62) 4-Bromofluorobenzene	12.489	95	80959	31.272	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.540%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	107036	144.723	ug/l	99
17) Carbon Disulfide	4.210	76	26343	4.041	ug/l	99
25) 2-Butanone	7.002	43	28470	31.272	ug/l	97
29) Tetrahydrofuran	7.362	42	3195	5.534	ug/l	90

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

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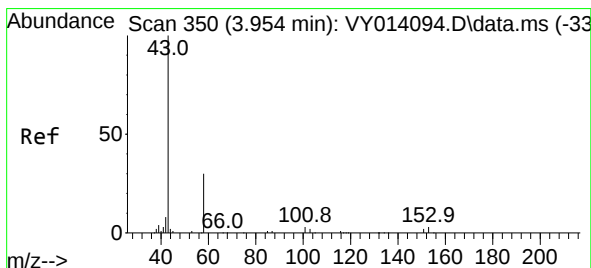
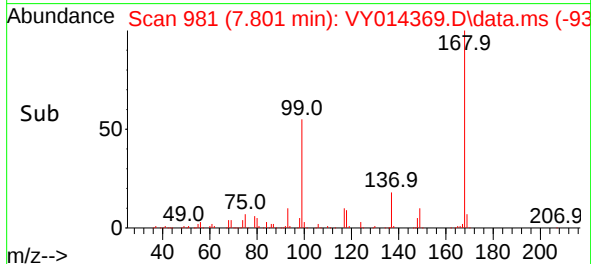
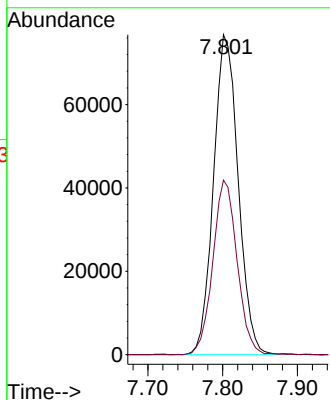
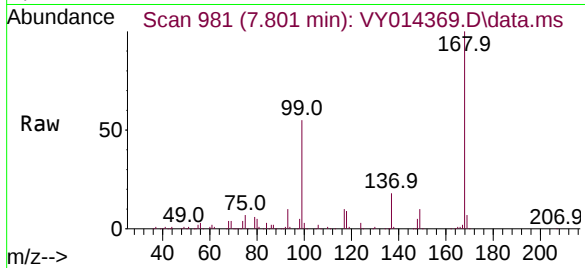




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014369.D
Acq: 22 Jun 2023 08:05

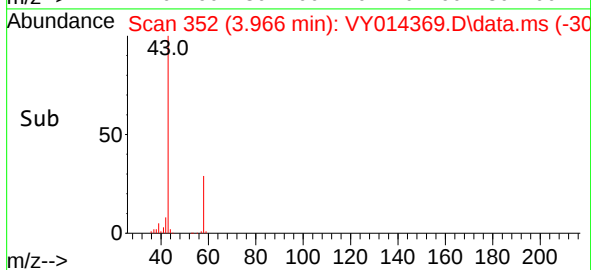
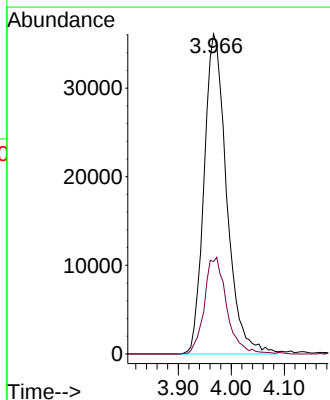
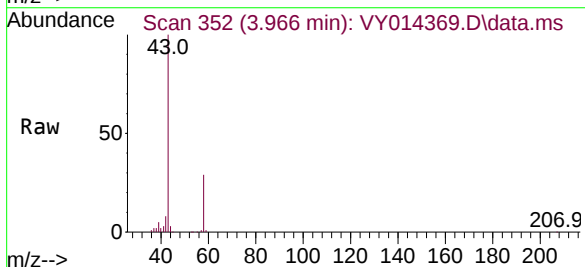
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-12-13-SB-12-GRAB-5

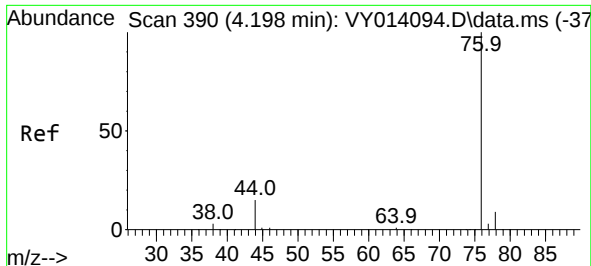
Tgt Ion:168 Resp: 176199
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#16
Acetone
Concen: 144.723 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY014369.D
Acq: 22 Jun 2023 08:05

Tgt Ion: 43 Resp: 107036
Ion Ratio Lower Upper
43 100
58 28.9 22.7 34.1

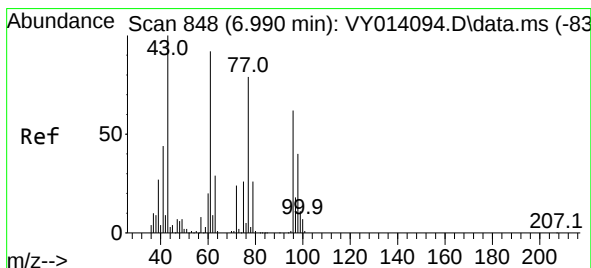
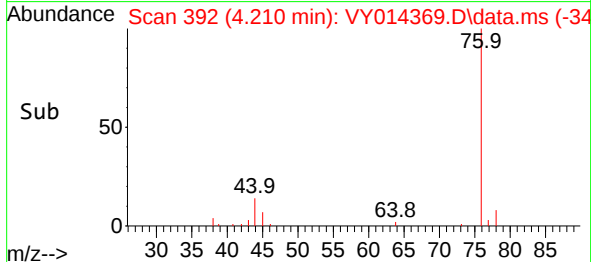
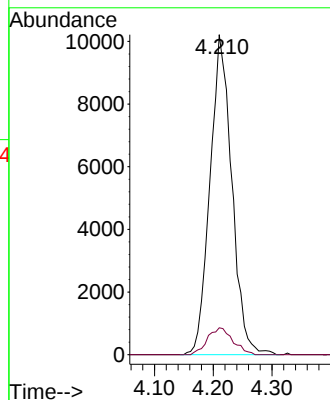
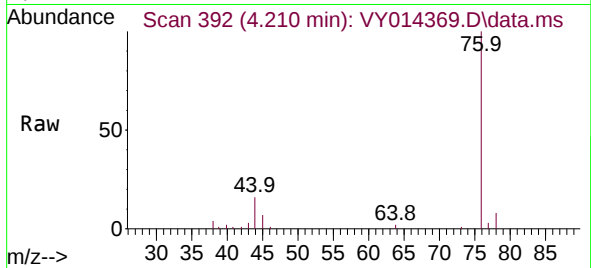




#17
Carbon Disulfide
Concen: 4.041 ug/l
RT: 4.210 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY014369.D
Acq: 22 Jun 2023 08:05

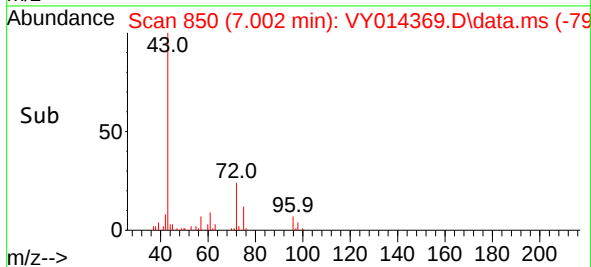
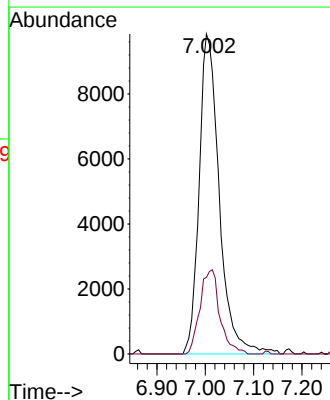
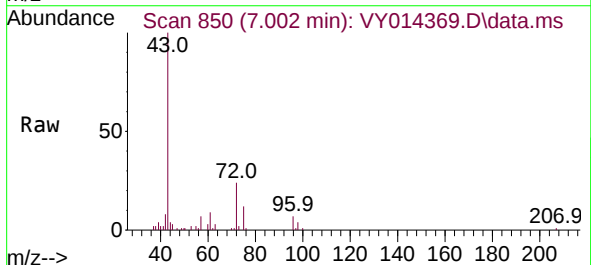
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-12-13-SB-12-GRAB-5

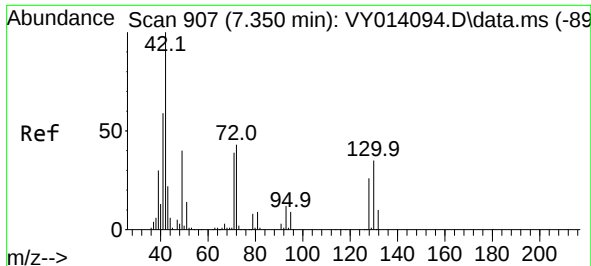
Tgt Ion: 76 Resp: 26343
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#25
2-Butanone
Concen: 31.272 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY014369.D
Acq: 22 Jun 2023 08:05

Tgt Ion: 43 Resp: 28470
Ion Ratio Lower Upper
43 100
72 23.9 20.5 30.7





#29

Tetrahydrofuran

Concen: 5.534 ug/l

RT: 7.362 min Scan# 90

Delta R.T. 0.012 min

Lab File: VY014369.D

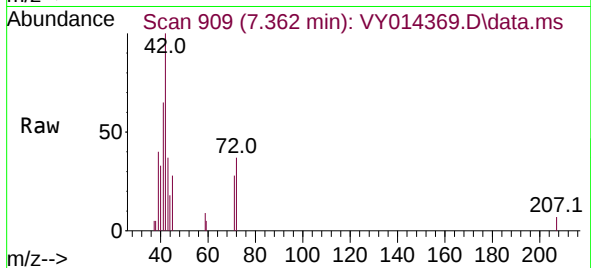
Acq: 22 Jun 2023 08:05

Instrument :

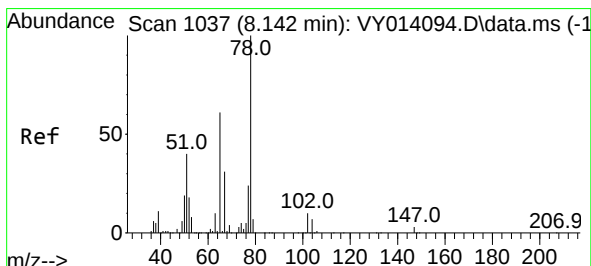
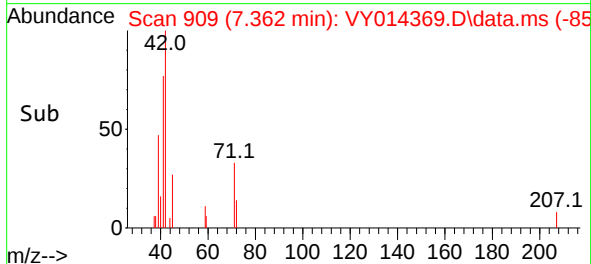
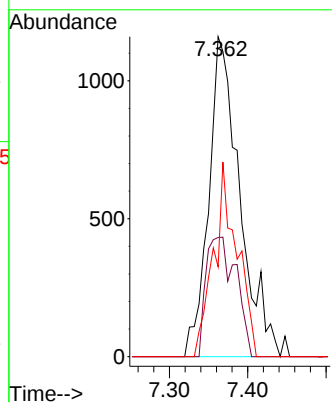
MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-12-13-SB-12-GRAB-5



Tgt Ion:	42	Resp:	3195
Ion	Ratio	Lower	Upper
42	100		
72	35.9	32.8	49.2
71	45.7	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 47.229 ug/l

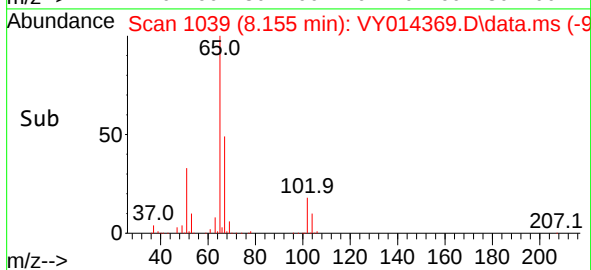
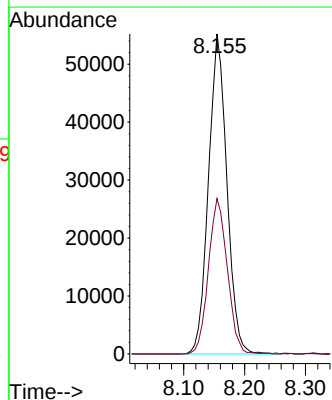
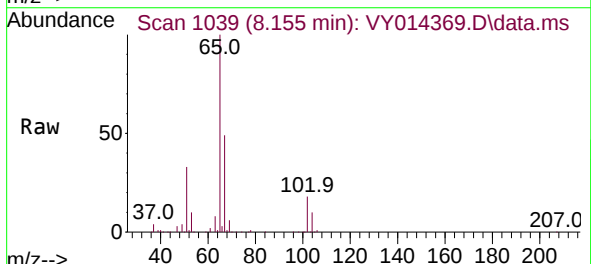
RT: 8.155 min Scan# 1039

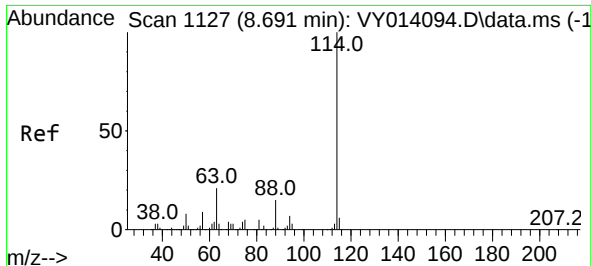
Delta R.T. 0.013 min

Lab File: VY014369.D

Acq: 22 Jun 2023 08:05

Tgt Ion:	65	Resp:	115882
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.8

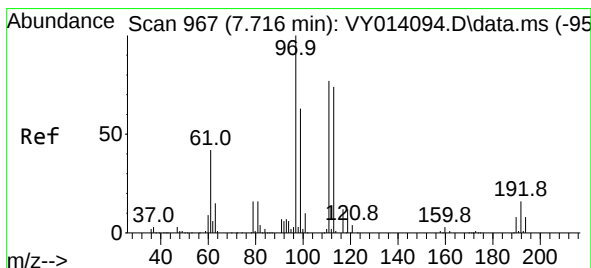
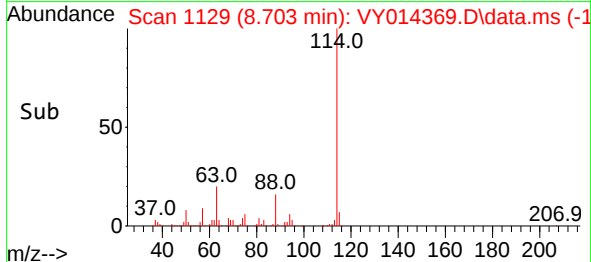
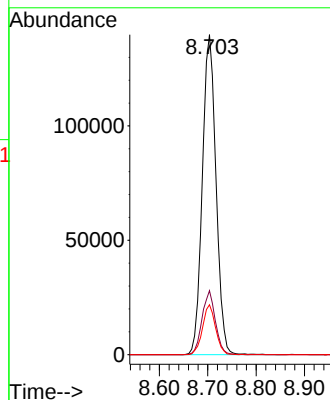
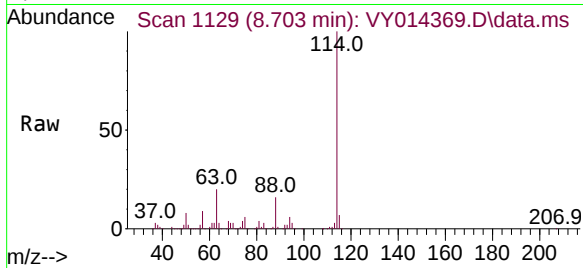




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY014369.D
Acq: 22 Jun 2023 08:05

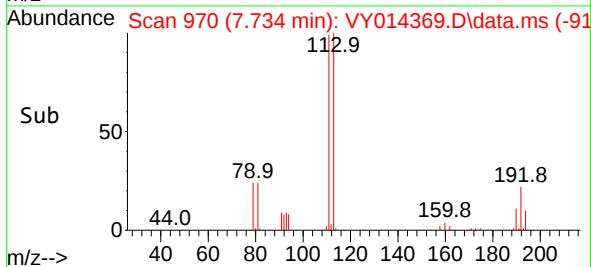
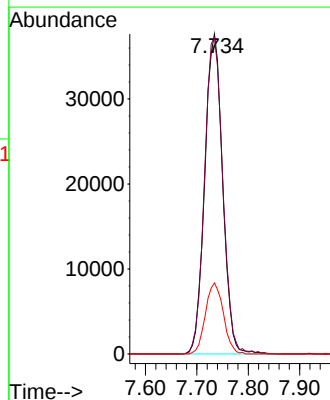
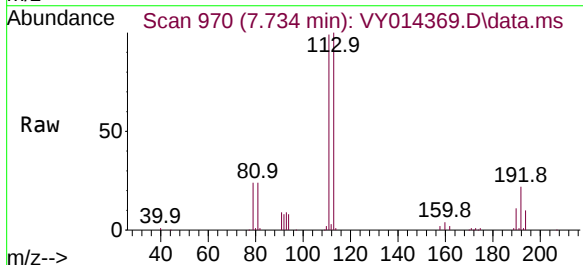
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-12-13-SB-12-GRAB-5

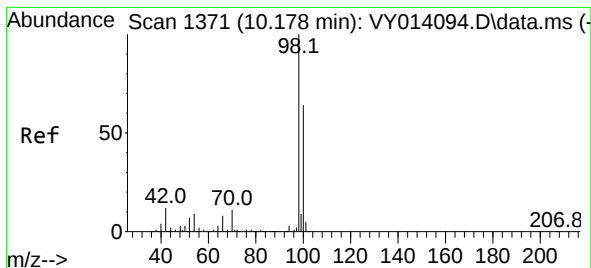
Tgt Ion:114 Resp: 274877
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.639 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY014369.D
Acq: 22 Jun 2023 08:05

Tgt Ion:113 Resp: 90917
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 22.3 16.9 25.3

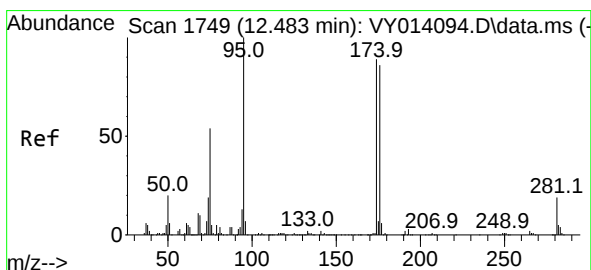
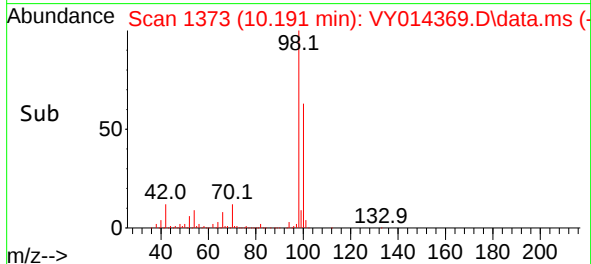
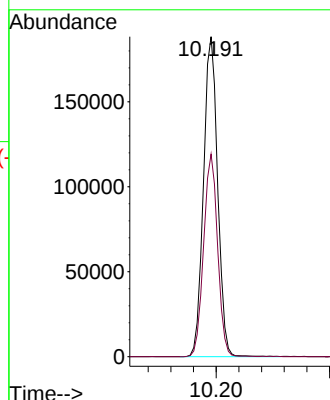
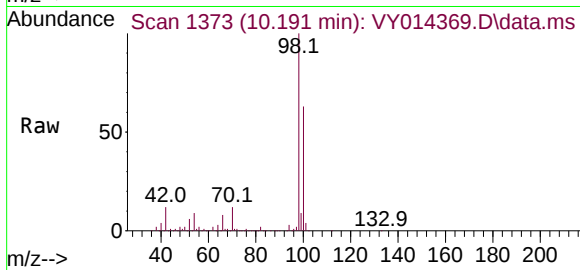




#50
Toluene-d8
Concen: 44.769 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014369.D
Acq: 22 Jun 2023 08:05

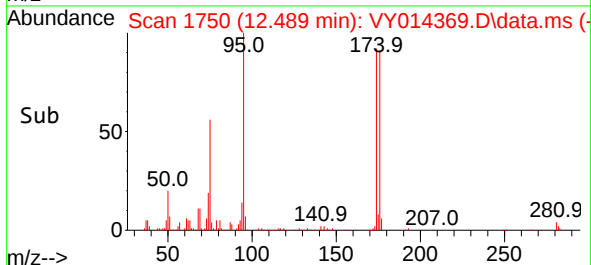
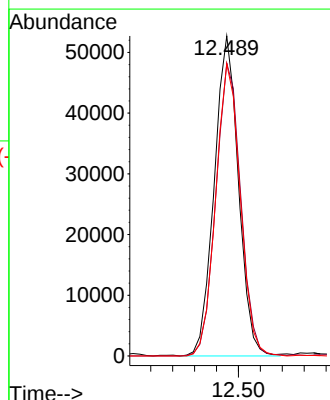
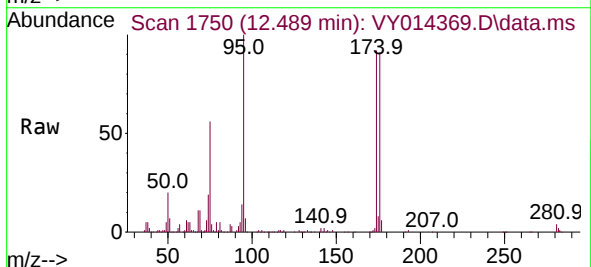
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TOTAL-VOC-SB-12-13-SB-12-GRAB-5

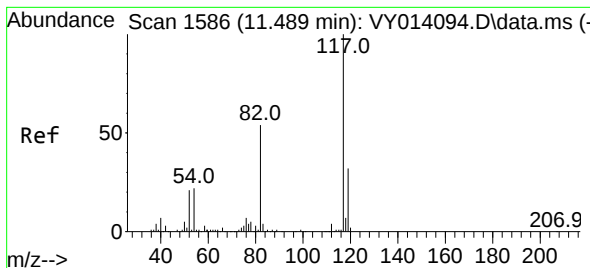
Tgt Ion: 98 Resp: 326270
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 31.272 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014369.D
Acq: 22 Jun 2023 08:05

Tgt Ion: 95 Resp: 80959
Ion Ratio Lower Upper
95 100
174 93.6 0.0 178.2
176 92.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY014369.D

Acq: 22 Jun 2023 08:05

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-12-13-SB-12-GRAB-5

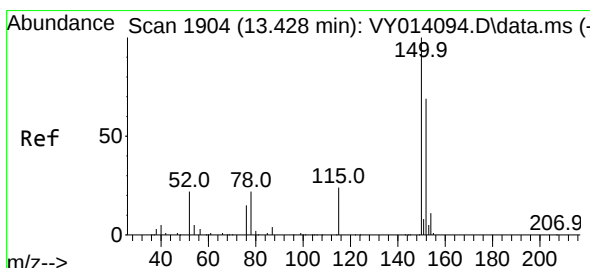
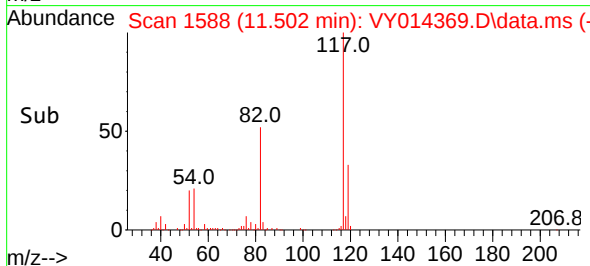
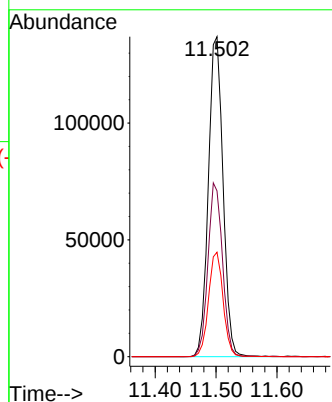
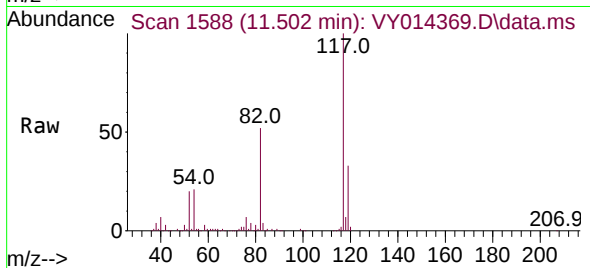
Tgt Ion:117 Resp: 228742

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 32.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014369.D

Acq: 22 Jun 2023 08:05

Tgt Ion:152 Resp: 73315

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 158.1 0.0 348.8

