

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014408.D
 Acq On : 23 Jun 2023 15:28
 Operator : KP/MD
 Sample : 03329-05RE
 Misc : 7.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW03-0-8-GRAB-6RE

Quant Time: Jun 23 17:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

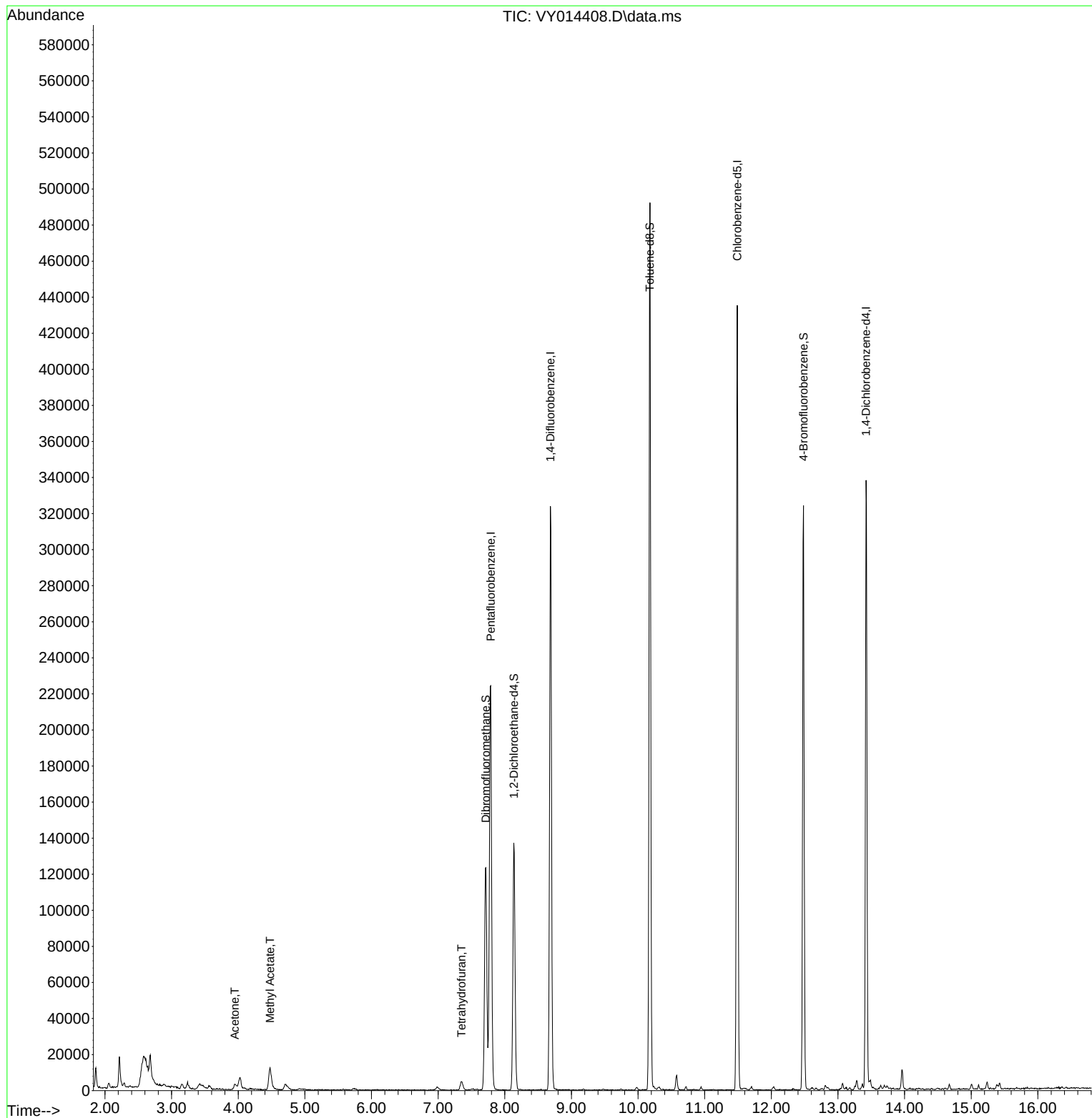
Internal Standards						
1) Pentafluorobenzene	7.789	168	180299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120165	53.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.360%	
35) Dibromofluoromethane	7.716	113	84137	50.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.640%	
50) Toluene-d8	10.179	98	316331	47.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.180%	
62) 4-Bromofluorobenzene	12.483	95	89240	37.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.220%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	6692	9.500	ug/l	91
18) Methyl Acetate	4.479	43	23945	9.888	ug/l	96
29) Tetrahydrofuran	7.350	42	3635	6.948	ug/l #	85

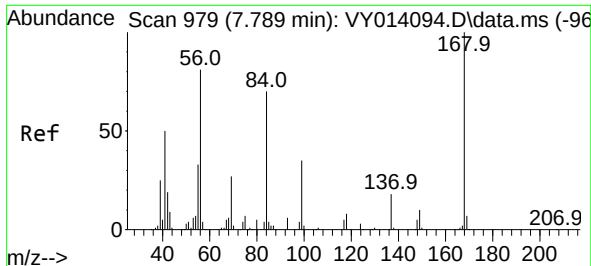
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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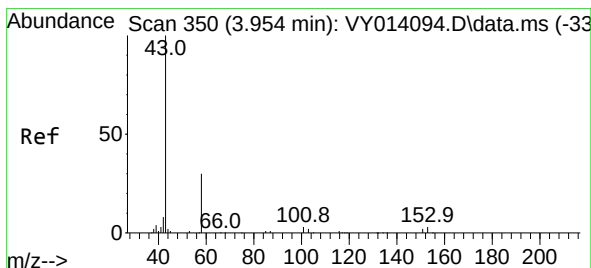
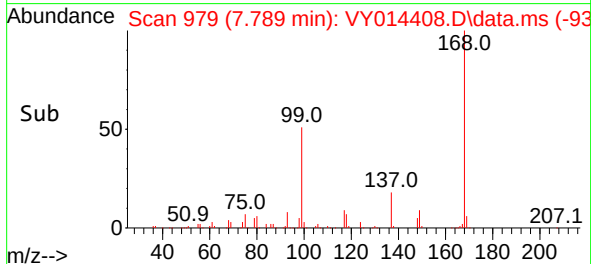
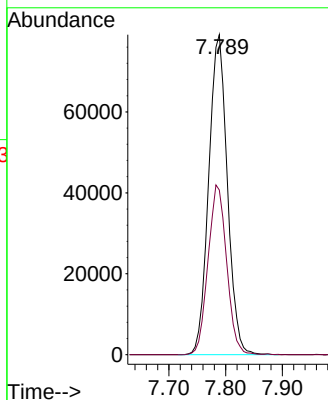
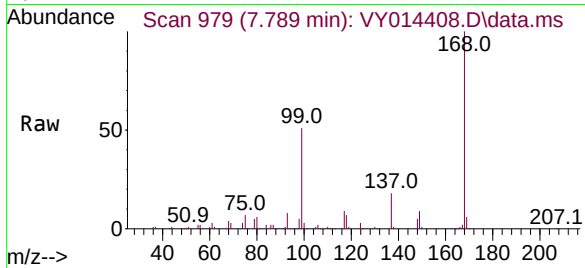




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014408.D
Acq: 23 Jun 2023 15:28

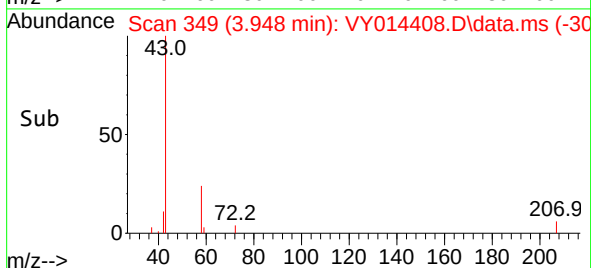
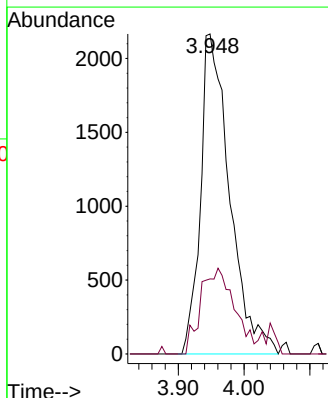
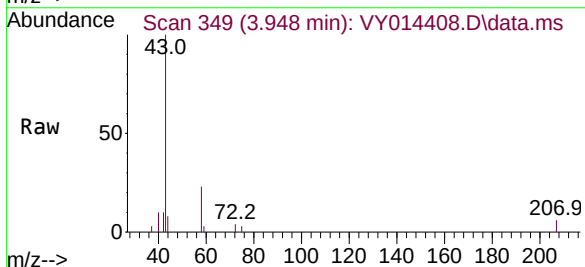
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-0-8-GRAB-6RE

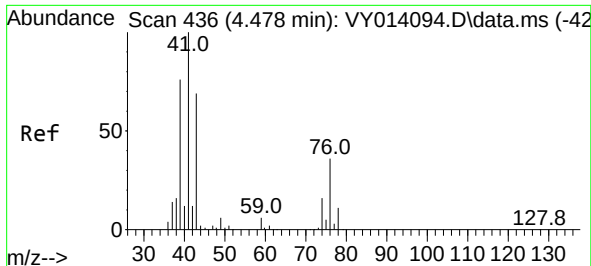
Tgt Ion:168 Resp: 180299
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#16
Acetone
Concen: 9.500 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014408.D
Acq: 23 Jun 2023 15:28

Tgt Ion: 43 Resp: 6692
Ion Ratio Lower Upper
43 100
58 23.5 22.7 34.1

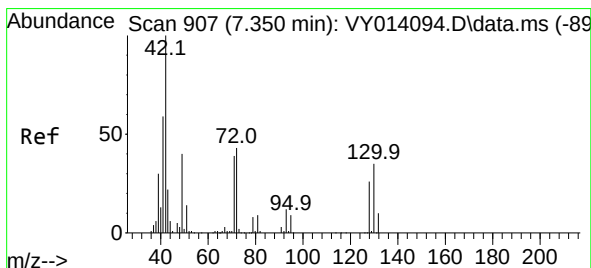
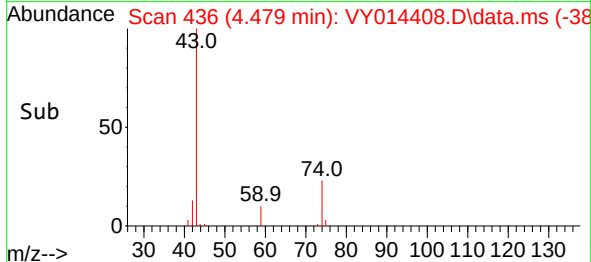
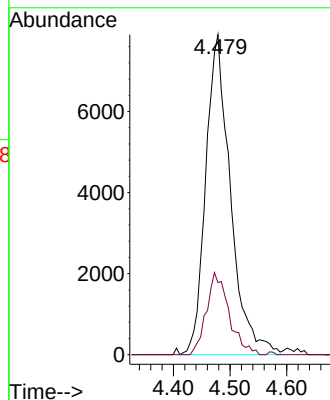
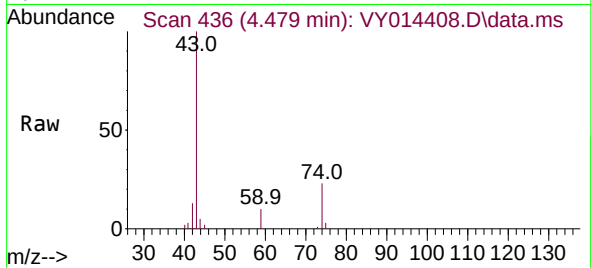




#18
Methyl Acetate
Concen: 9.888 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.001 min
Lab File: VY014408.D
Acq: 23 Jun 2023 15:28

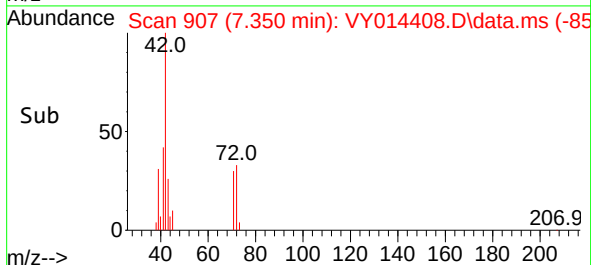
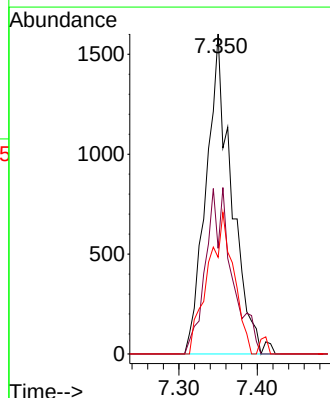
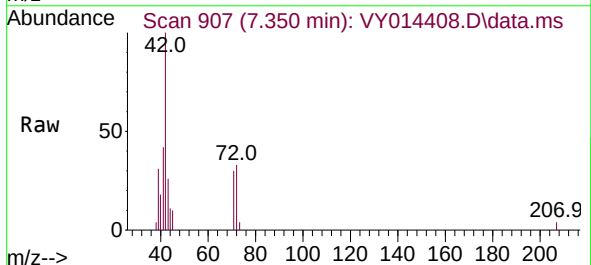
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-0-8-GRAB-6RE

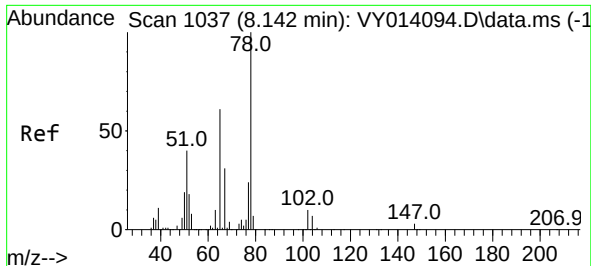
Tgt Ion: 43 Resp: 23945
Ion Ratio Lower Upper
43 100
74 23.5 17.4 26.0



#29
Tetrahydrofuran
Concen: 6.948 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014408.D
Acq: 23 Jun 2023 15:28

Tgt Ion: 42 Resp: 3635
Ion Ratio Lower Upper
42 100
72 53.2 32.8 49.2#
71 44.4 31.0 46.4

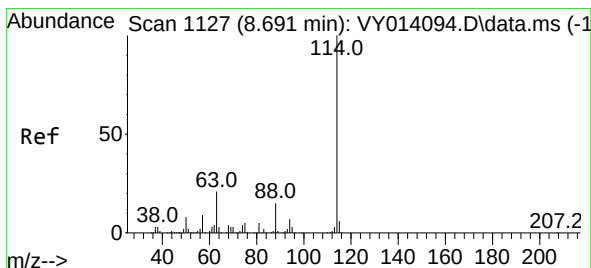
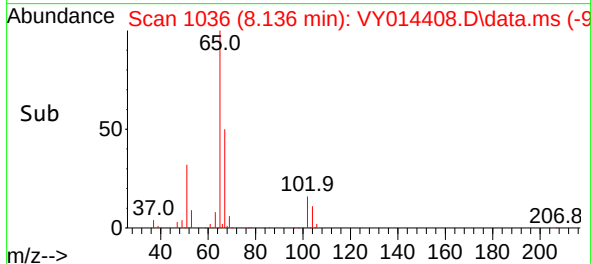
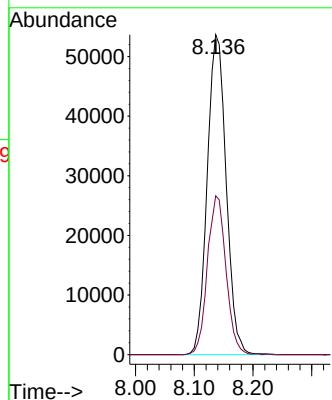
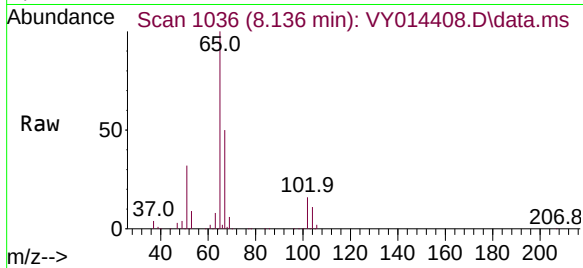




#33
 1,2-Dichloroethane-d4
 Concen: 53.679 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY014408.D
 Acq: 23 Jun 2023 15:28

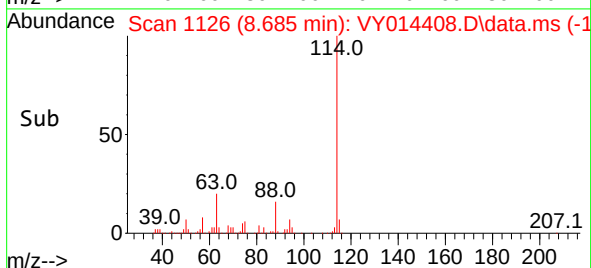
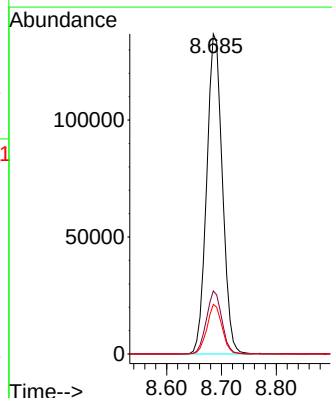
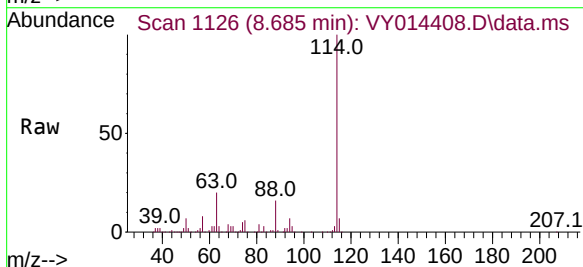
Instrument : MSVOA_Y
 ClientSampleId : TOTAL-VOC-SW03-0-8-GRAB-6RE

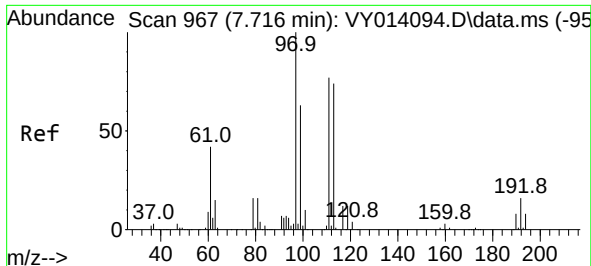
Tgt Ion: 65 Resp: 120165
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014408.D
 Acq: 23 Jun 2023 15:28

Tgt Ion: 114 Resp: 270634
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.5 0.0 30.6

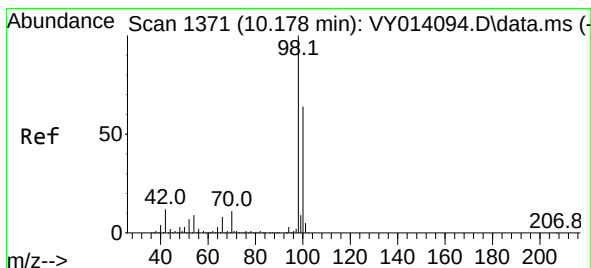
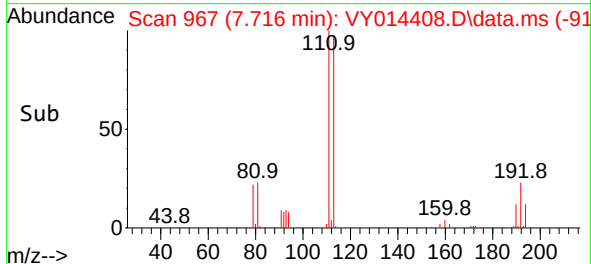
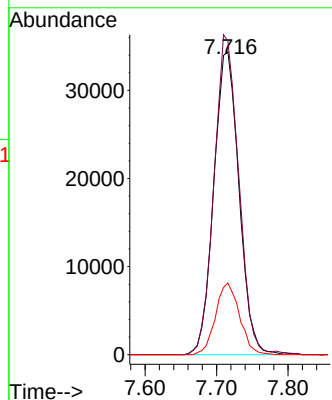
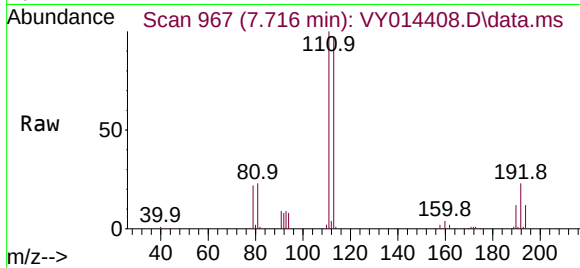




#35
Dibromofluoromethane
Concen: 50.320 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014408.D
Acq: 23 Jun 2023 15:28

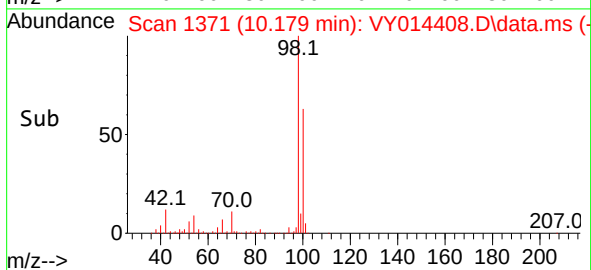
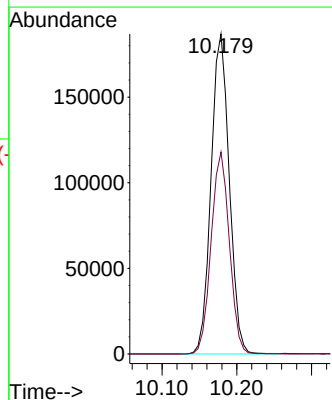
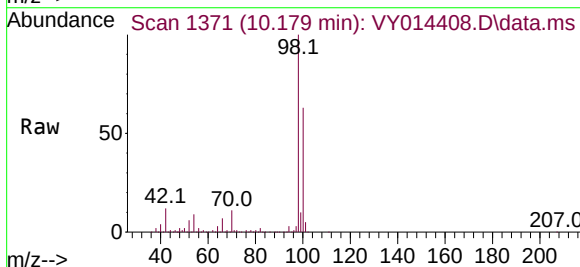
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SW03-0-8-GRAB-6RE

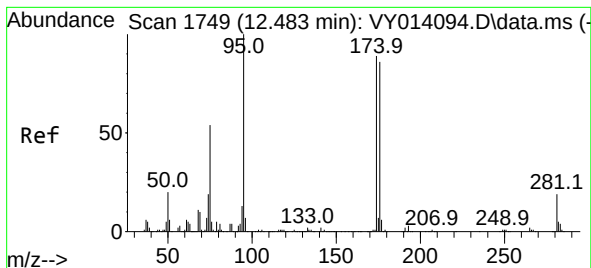
Tgt Ion:113 Resp: 84137
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 22.5 16.9 25.3



#50
Toluene-d8
Concen: 47.593 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014408.D
Acq: 23 Jun 2023 15:28

Tgt Ion: 98 Resp: 316331
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 37.609 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014408.D

Acq: 23 Jun 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW03-0-8-GRAB-6RE

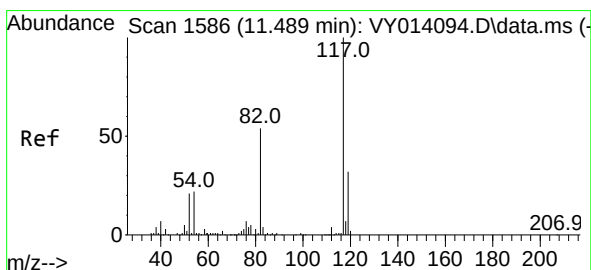
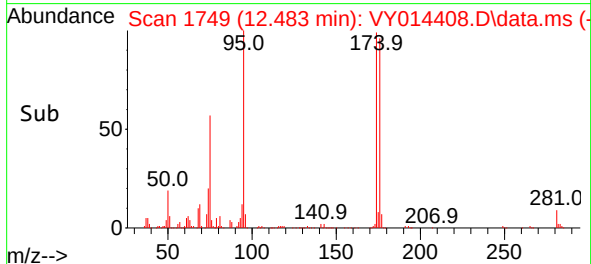
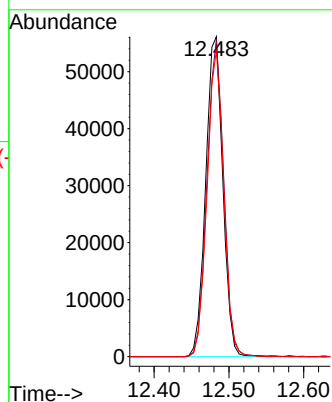
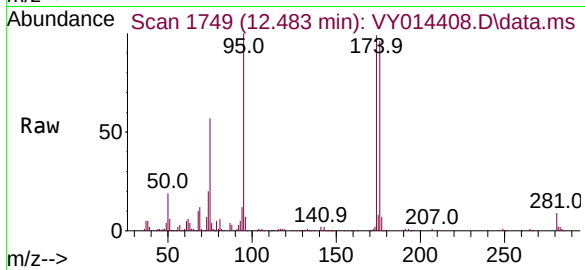
Tgt Ion: 95 Resp: 89240

Ion Ratio Lower Upper

95 100

174 97.1 0.0 178.2

176 93.2 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014408.D

Acq: 23 Jun 2023 15:28

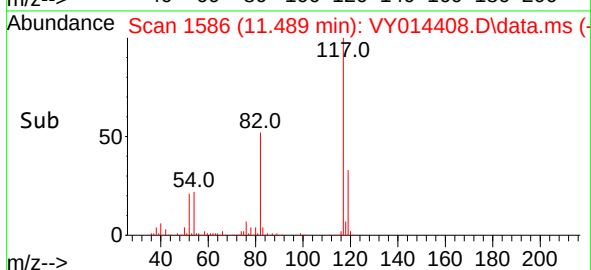
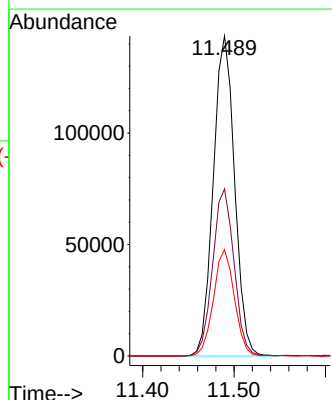
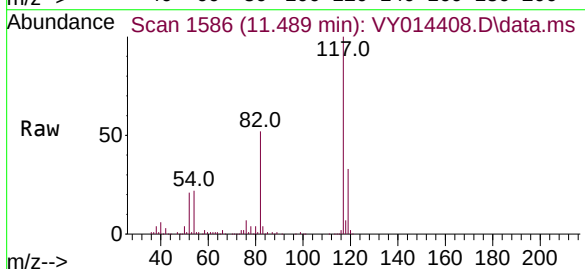
Tgt Ion: 117 Resp: 231998

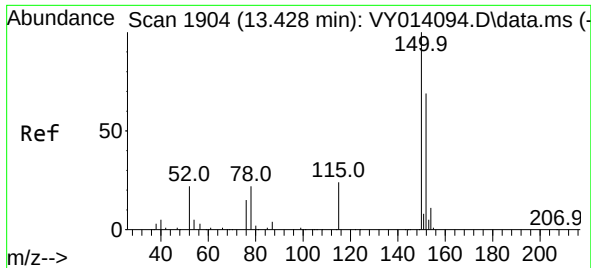
Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.0

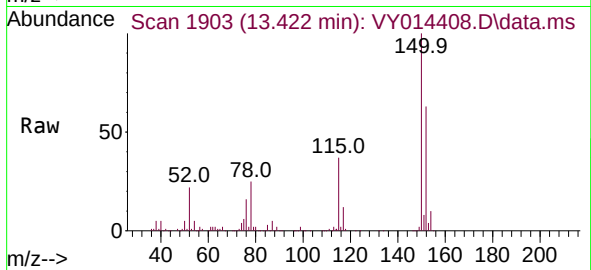
119 33.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014408.D
 Acq: 23 Jun 2023 15:28

Instrument : MSVOA_Y
 ClientSampleId : TOTAL-VOC-SW03-0-8-GRAB-6RE



Tgt Ion:	152	Resp:	89027
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.8	86.5
150	158.3	0.0	348.8

