

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014365.D
 Acq On : 22 Jun 2023 06:31
 Operator : KP/MD
 Sample : 03330-18
 Misc : 8.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC02-GRAB-7

Quant Time: Jun 22 07:31:19 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)

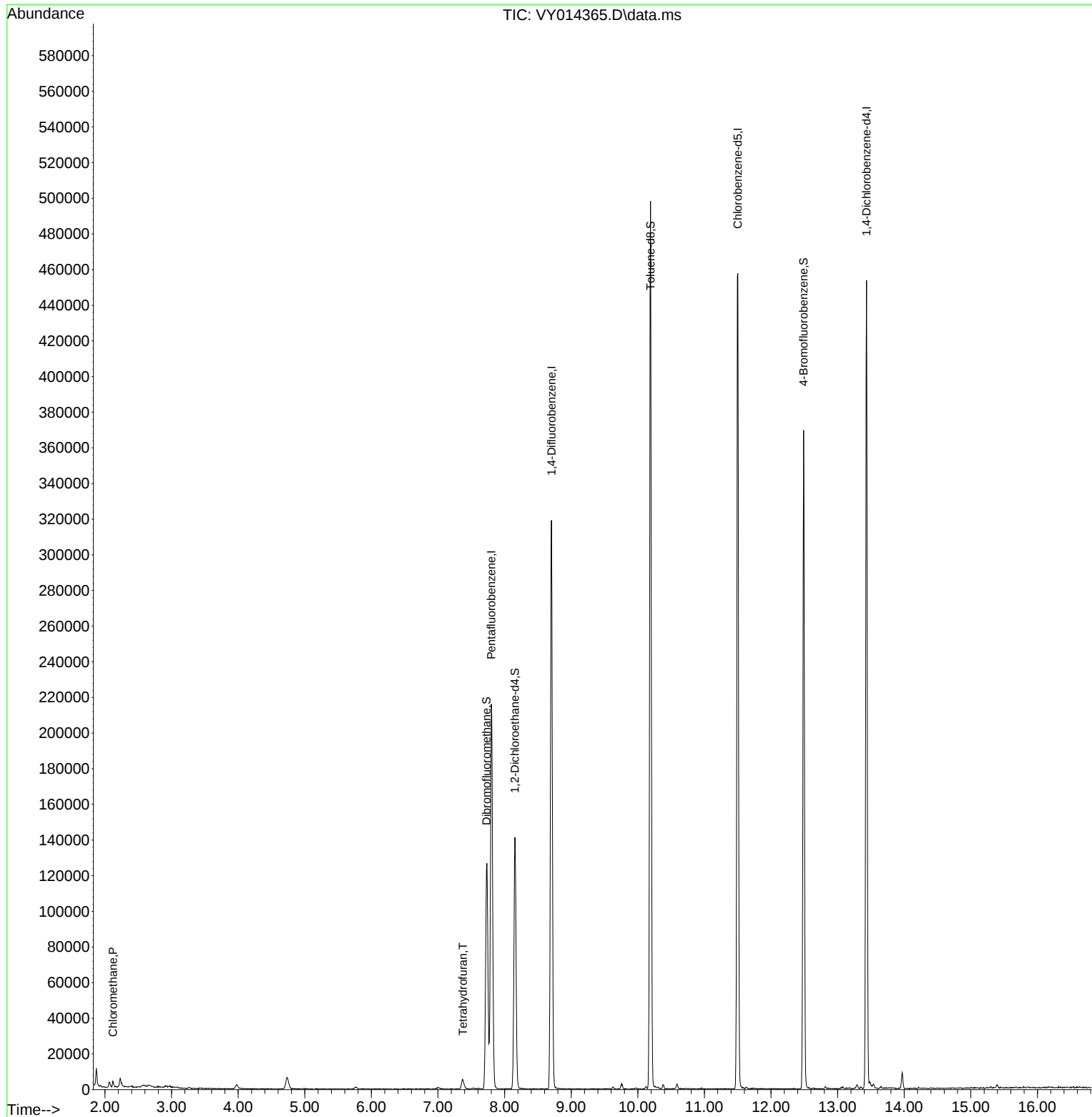
Internal Standards						
1) Pentafluorobenzene	7.801	168	168950	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	265206	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	251101	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	117297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	120271	51.121	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.728	113	88380	46.991	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.980%	
50) Toluene-d8	10.191	98	318576	45.307	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.620%	
62) 4-Bromofluorobenzene	12.489	95	103906	41.599	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.200%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	2582	1.081	ug/l	93
29) Tetrahydrofuran	7.374	42	4346	7.851	ug/l	98

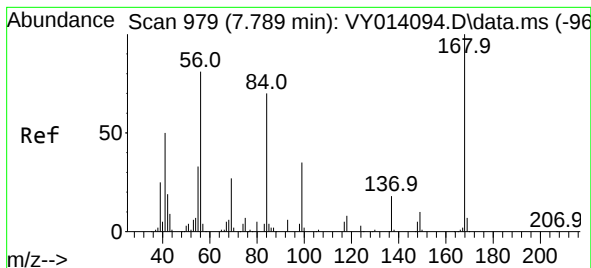
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY014365.D

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MSVOA_Y

ClientSampleId :

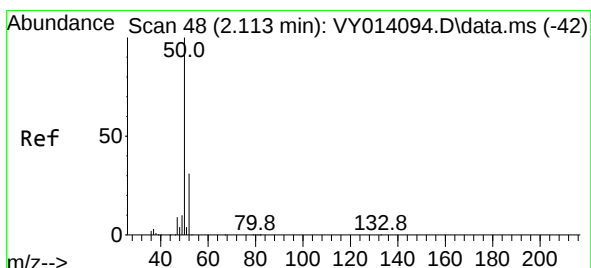
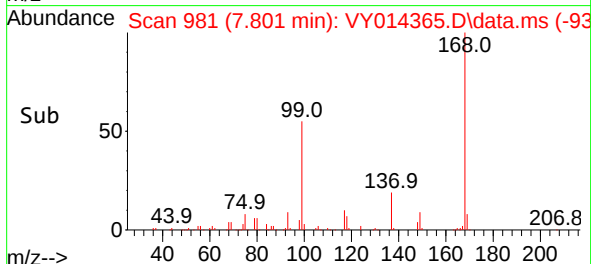
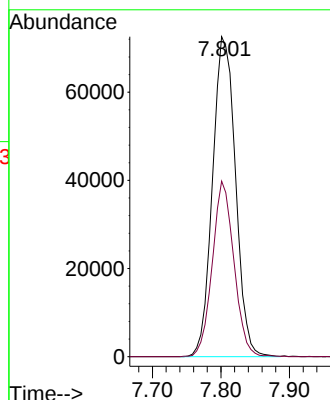
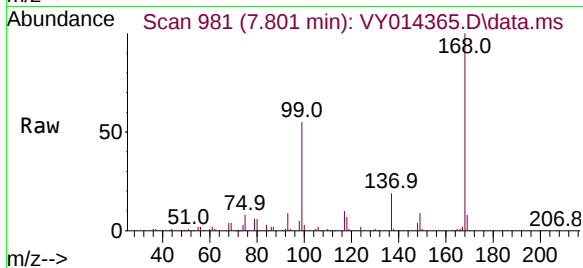
TOTAL-VOC-MC02-GRAB-7

Tgt Ion:168 Resp: 168950

Ion Ratio Lower Upper

168 100

99 54.8 43.4 65.0



#3

Chloromethane

Concen: 1.081 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY014365.D

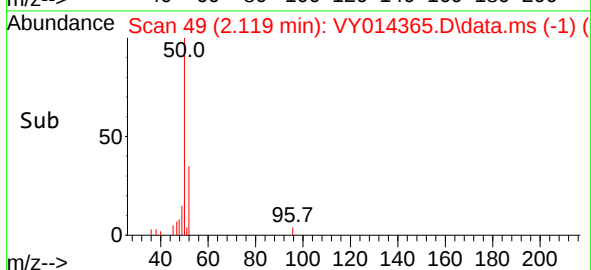
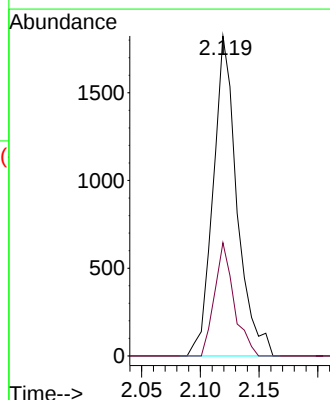
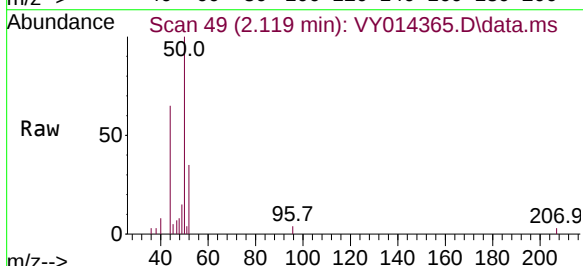
Acq: 22 Jun 2023 06:31

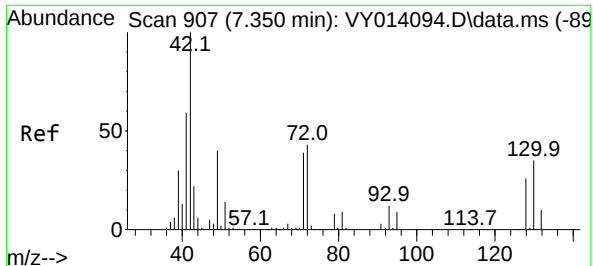
Tgt Ion: 50 Resp: 2582

Ion Ratio Lower Upper

50 100

52 35.4 25.4 38.2





#29

Tetrahydrofuran

Concen: 7.851 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.024 min

Lab File: VY014365.D

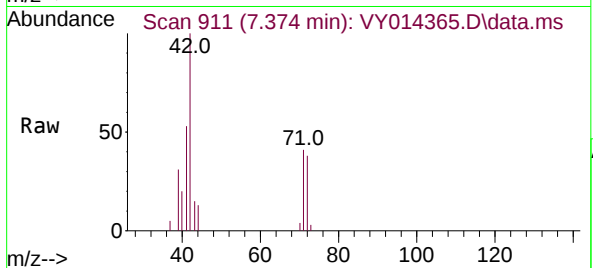
Acq: 22 Jun 2023 06:31

Instrument :

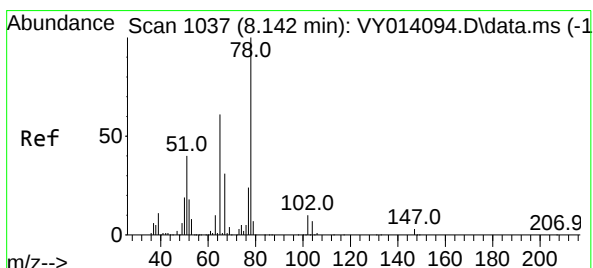
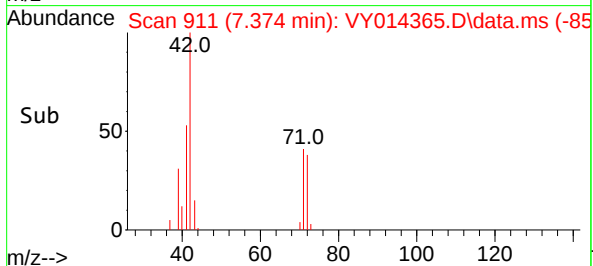
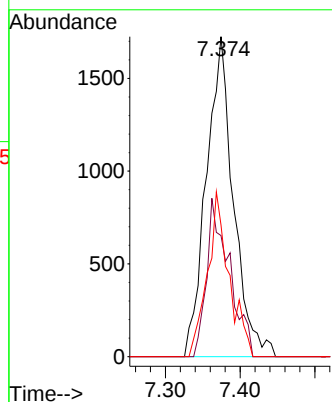
MSVOA_Y

ClientSampleId :

TOTAL-VOC-MC02-GRAB-7



Tgt Ion:	42	Resp:	4346
Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.8	49.2
71	40.9	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 51.121 ug/l

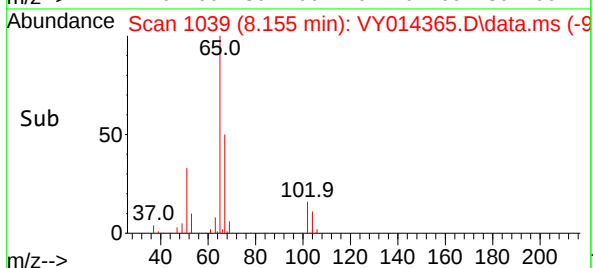
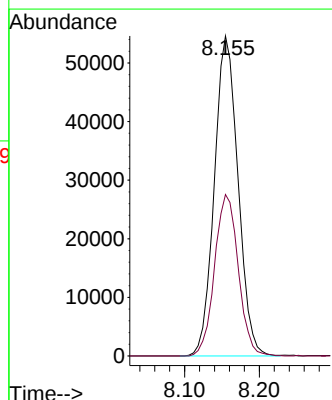
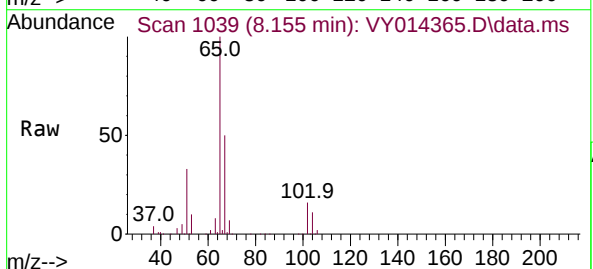
RT: 8.155 min Scan# 1039

Delta R.T. 0.013 min

Lab File: VY014365.D

Acq: 22 Jun 2023 06:31

Tgt Ion:	65	Resp:	120271
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.8

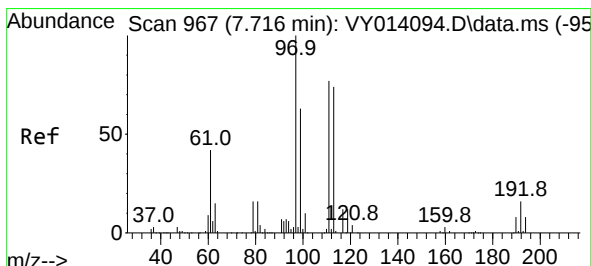
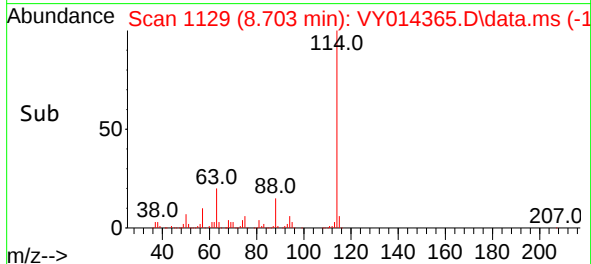
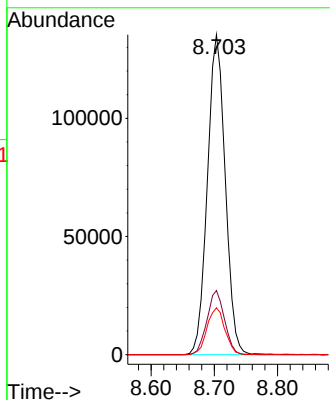
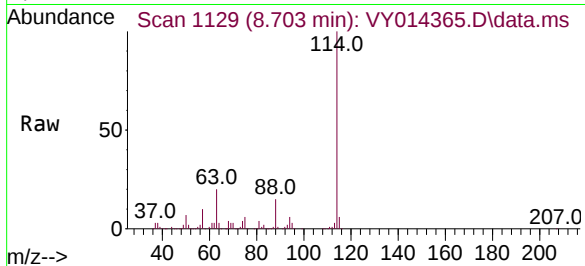




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY014365.D
Acq: 22 Jun 2023 06:31

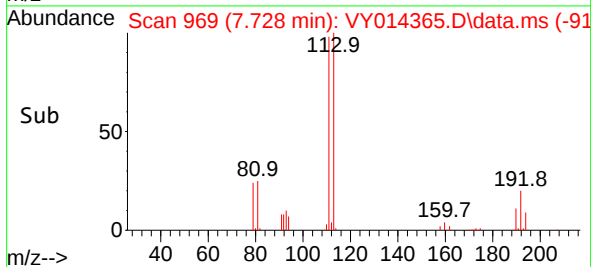
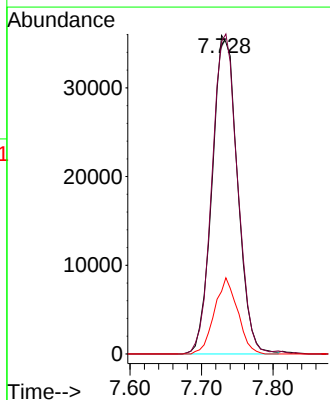
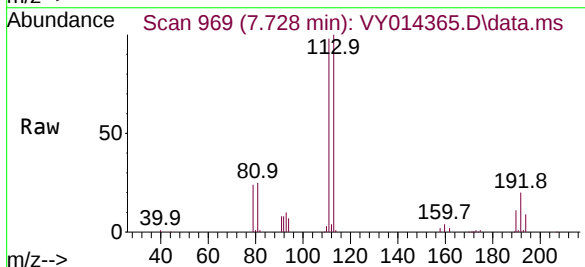
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC02-GRAB-7

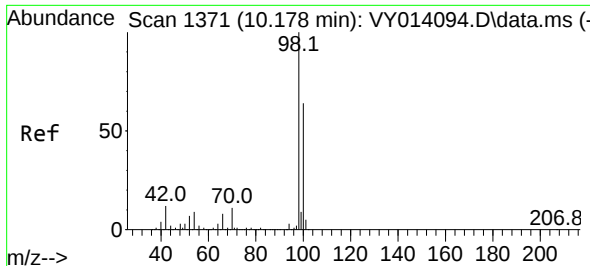
Tgt Ion:114 Resp: 265206
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.991 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014365.D
Acq: 22 Jun 2023 06:31

Tgt Ion:113 Resp: 88380
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 21.8 16.9 25.3

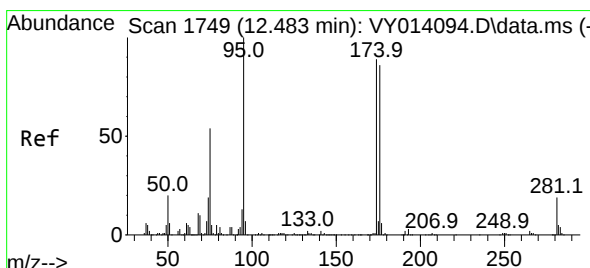
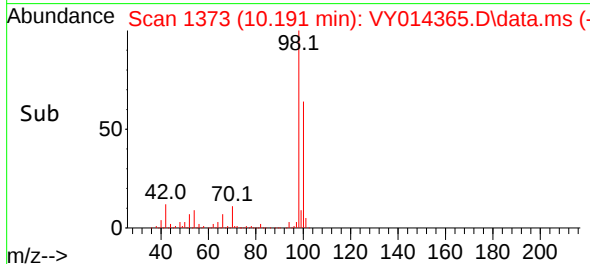
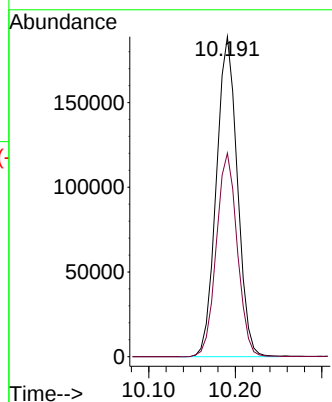
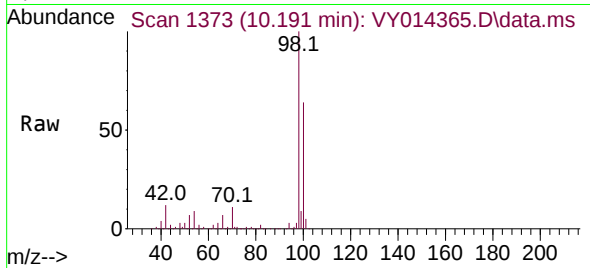




#50
Toluene-d8
Concen: 45.307 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014365.D
Acq: 22 Jun 2023 06:31

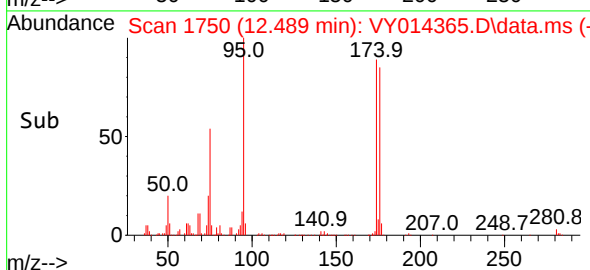
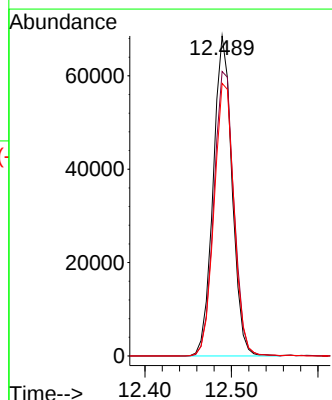
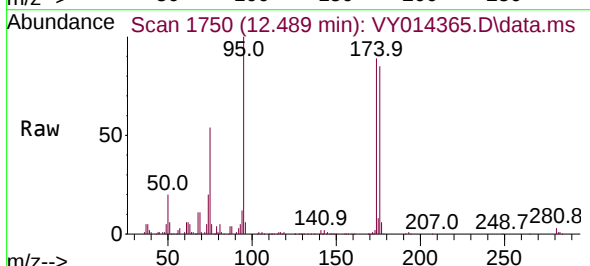
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC02-GRAB-7

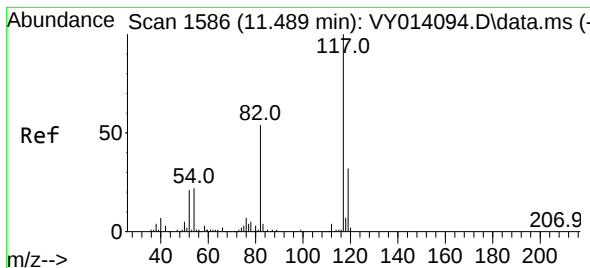
Tgt Ion: 98 Resp: 318576
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.599 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014365.D
Acq: 22 Jun 2023 06:31

Tgt Ion: 95 Resp: 103906
Ion Ratio Lower Upper
95 100
174 94.2 0.0 178.2
176 90.1 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: VY014365.D

Acq: 22 Jun 2023 06:31

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-MC02-GRAB-7

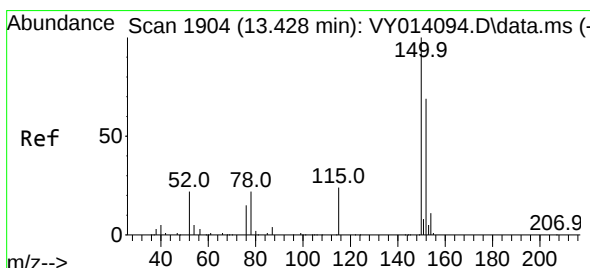
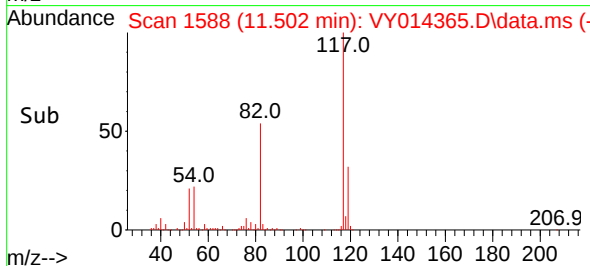
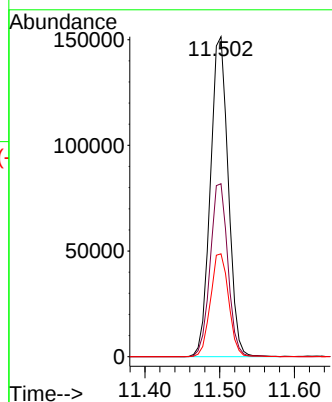
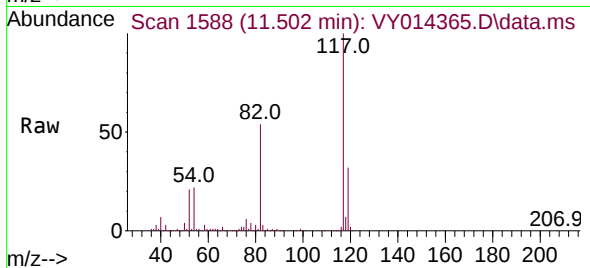
Tgt Ion:117 Resp: 251101

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.2 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: VY014365.D

Acq: 22 Jun 2023 06:31

Tgt Ion:152 Resp: 117297

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 158.8 0.0 348.8

