

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014163.D
 Acq On : 14 Jun 2023 19:00
 Operator : KP/MD
 Sample : 03223-05
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-04-GRAB-6

Quant Time: Jun 15 01:45:47 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)

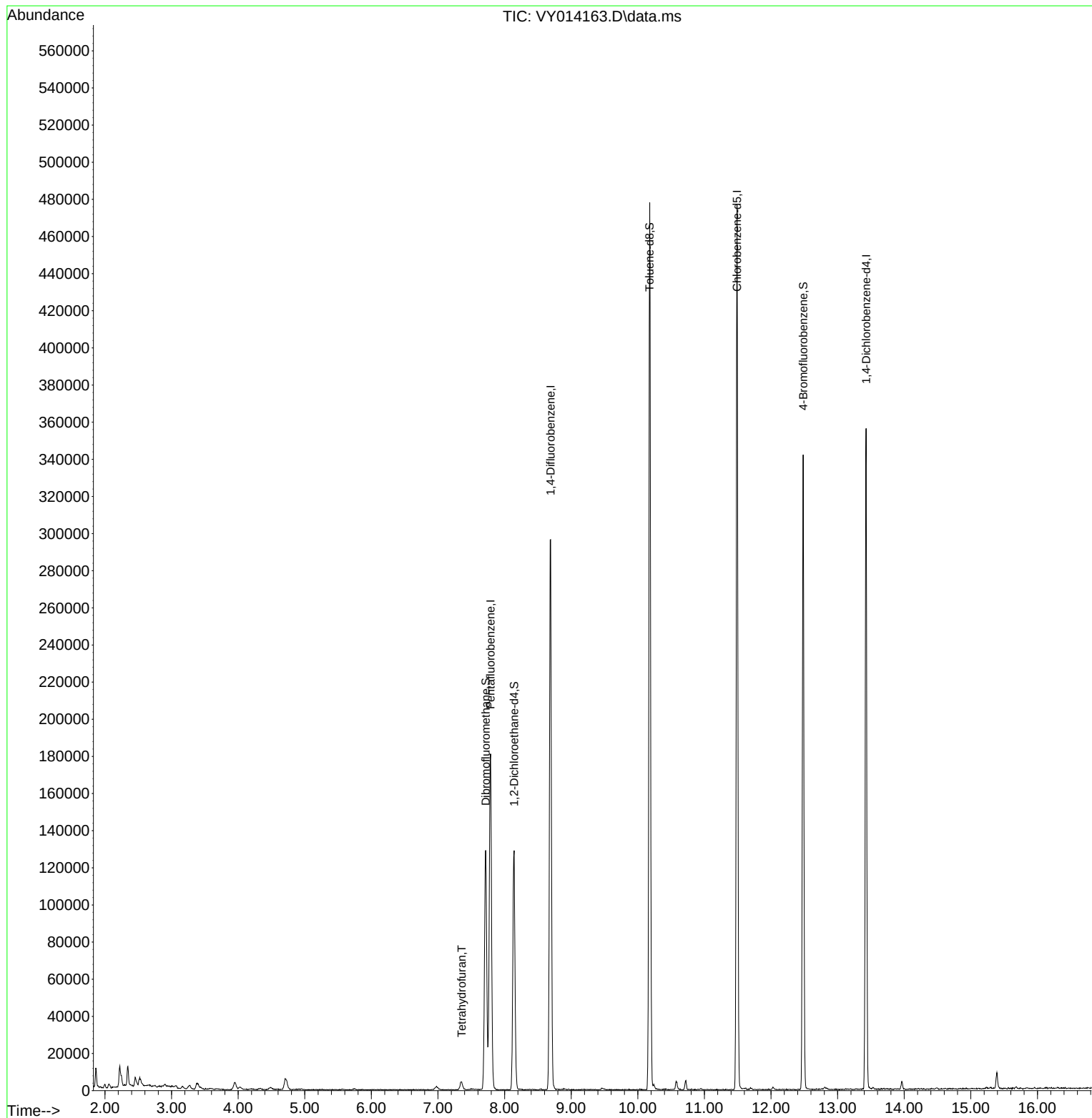
Internal Standards						
1) Pentafluorobenzene	7.789	168	145256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	251839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105967	52.389	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.780%			
35) Dibromofluoromethane	7.716	113	87451	48.965	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.940%			
50) Toluene-d8	10.179	98	310227	46.462	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.920%			
62) 4-Bromofluorobenzene	12.483	95	93336	39.351	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.700%			
Target Compounds						Qvalue
29) Tetrahydrofuran	7.356	42	3420	7.186	ug/l	95

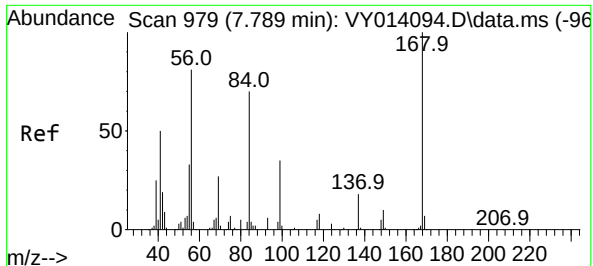
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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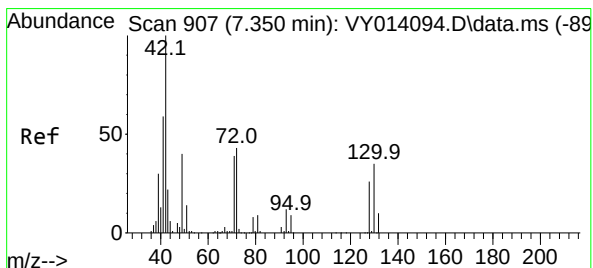
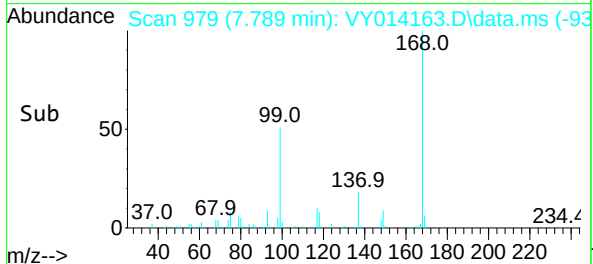
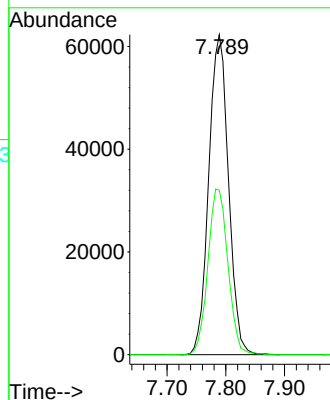
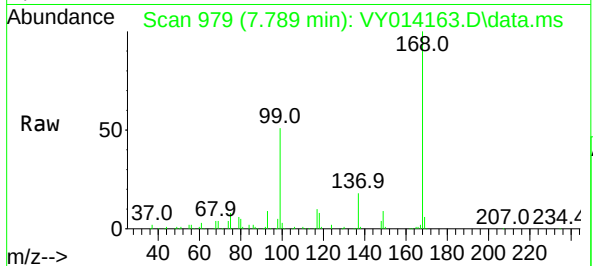




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014163.D
Acq: 14 Jun 2023 19:00

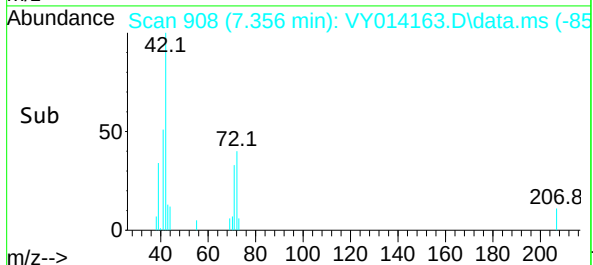
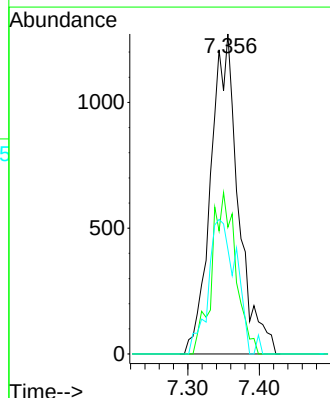
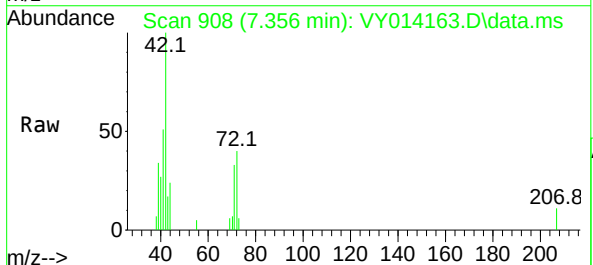
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-04-GRAB-6

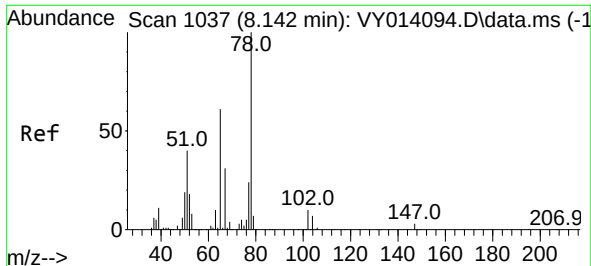
Tgt Ion:168 Resp: 145256
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#29
Tetrahydrofuran
Concen: 7.186 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014163.D
Acq: 14 Jun 2023 19:00

Tgt Ion: 42 Resp: 3420
Ion Ratio Lower Upper
42 100
72 43.7 32.8 49.2
71 41.9 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 52.389 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014163.D

Acq: 14 Jun 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

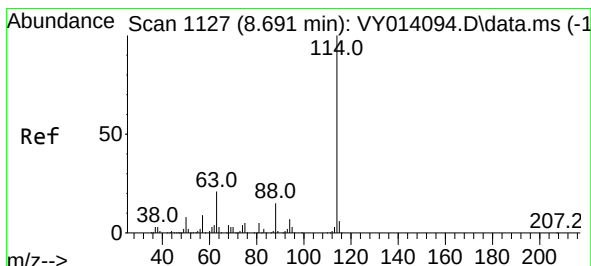
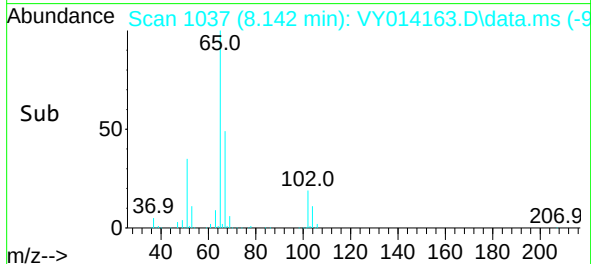
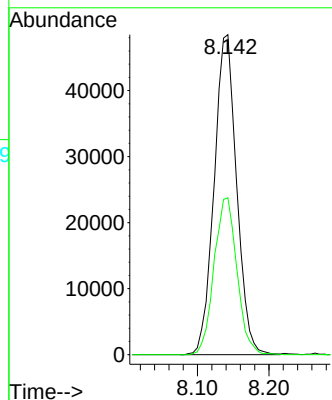
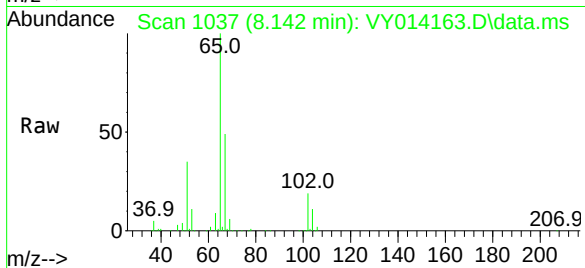
TOTAL-VOC-SB-04-GRAB-6

Tgt Ion: 65 Resp: 105967

Ion Ratio Lower Upper

65 100

67 49.9 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: VY014163.D

Acq: 14 Jun 2023 19:00

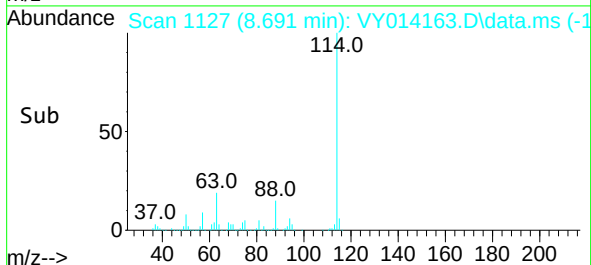
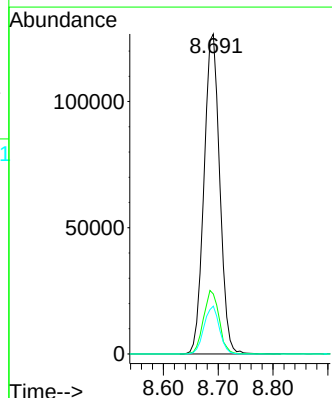
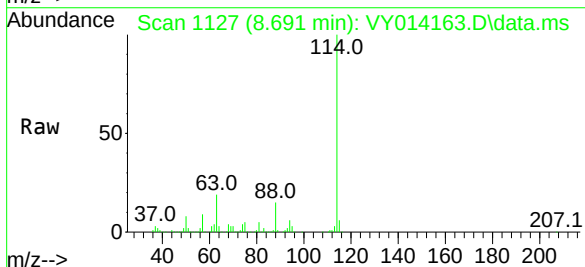
Tgt Ion: 114 Resp: 251839

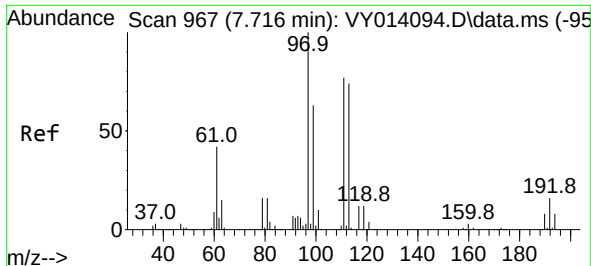
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.9 0.0 30.6

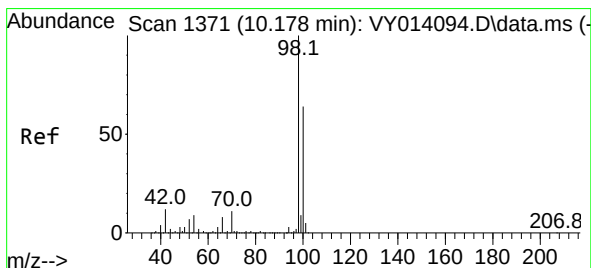
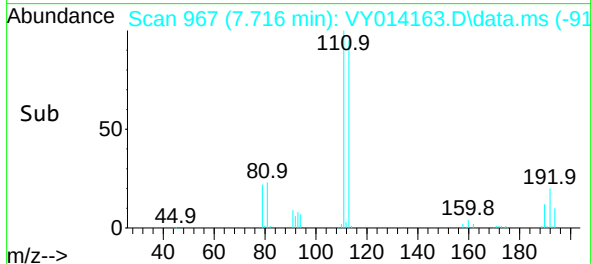
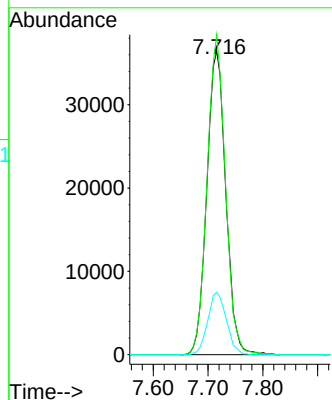
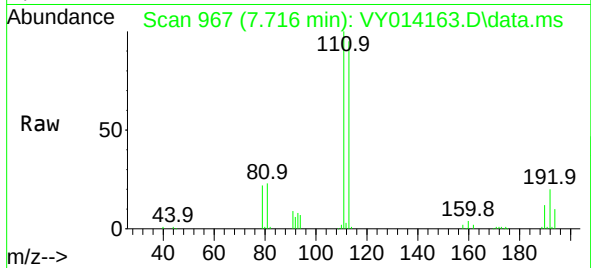




#35
Dibromofluoromethane
Concen: 48.965 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014163.D
Acq: 14 Jun 2023 19:00

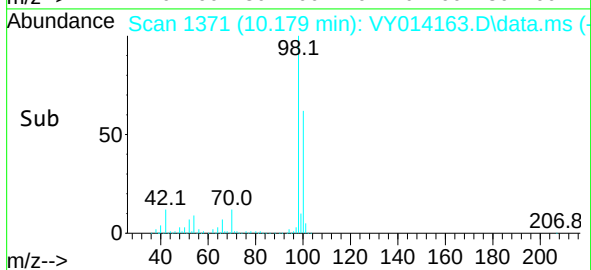
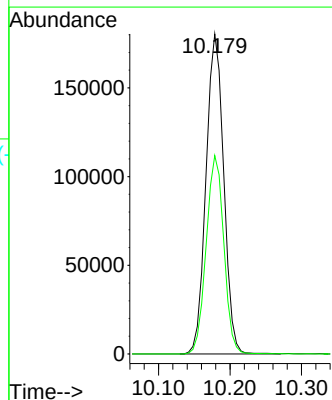
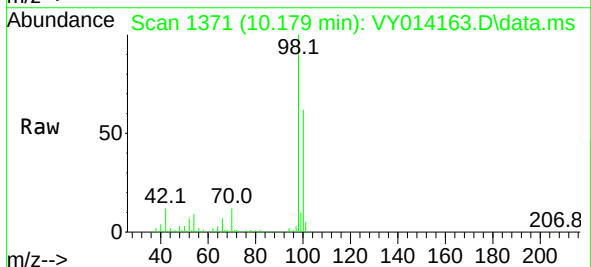
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-04-GRAB-6

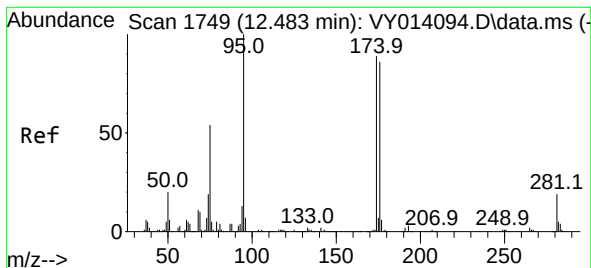
Tgt Ion:113 Resp: 87451
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 46.462 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014163.D
Acq: 14 Jun 2023 19:00

Tgt Ion: 98 Resp: 310227
Ion Ratio Lower Upper
98 100
100 61.7 50.1 75.1

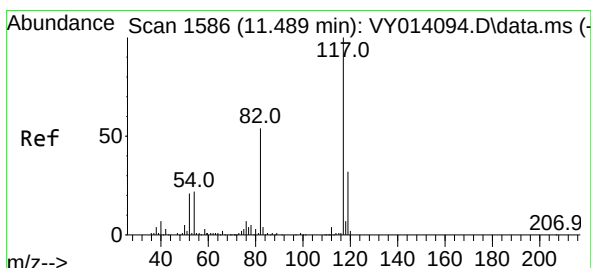
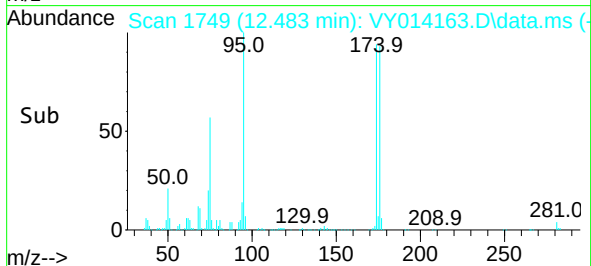
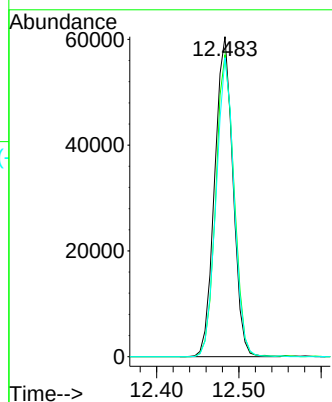
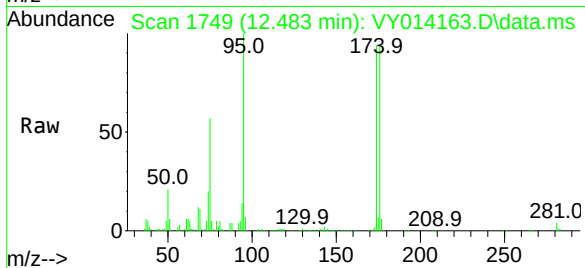




#62
4-Bromofluorobenzene
Concen: 39.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014163.D
Acq: 14 Jun 2023 19:00

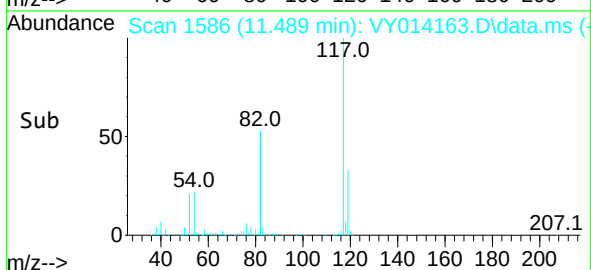
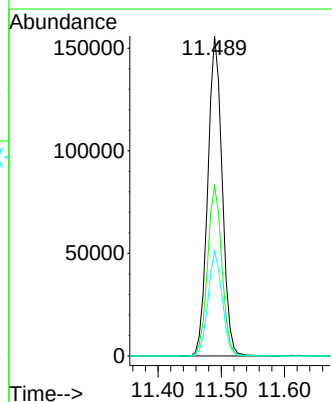
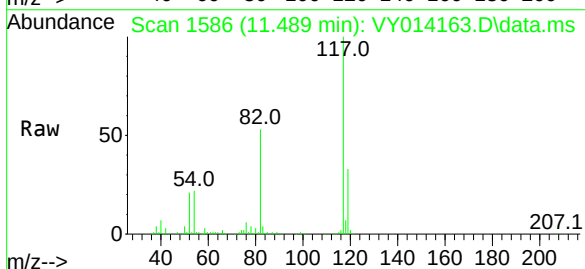
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-04-GRAB-6

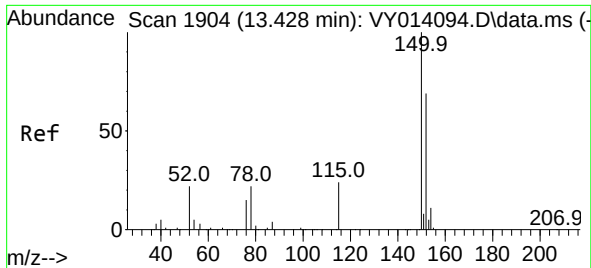
Tgt Ion: 95 Resp: 93336
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.2
176 91.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014163.D
Acq: 14 Jun 2023 19:00

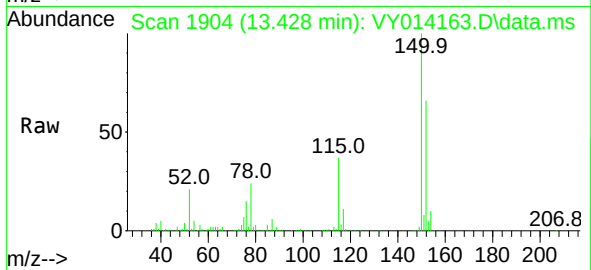
Tgt Ion: 117 Resp: 246633
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014163.D
 Acq: 14 Jun 2023 19:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-04-GRAB-6



Tgt Ion:	152	Resp:	90356
Ion Ratio	Lower	Upper	
152	100		
115	56.4	28.8	86.5
150	155.5	0.0	348.8

