

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014193.D
 Acq On : 15 Jun 2023 16:39
 Operator : KP/MD
 Sample : 03223-17
 Misc : 13.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-11-GRAB-6

Quant Time: Jun 16 02:10:24 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)

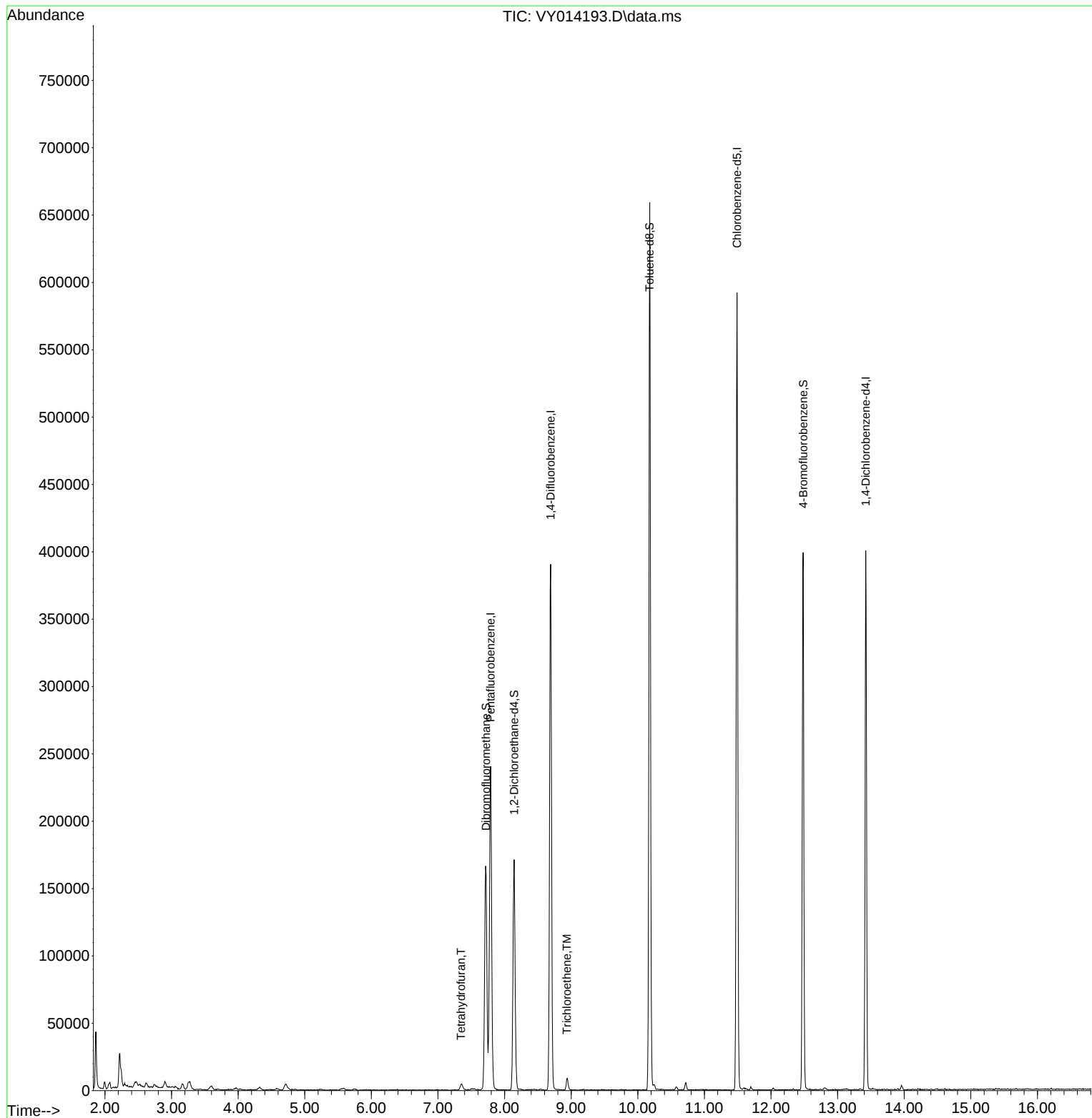
Internal Standards						
1) Pentafluorobenzene	7.789	168	184113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	137717	53.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.440%	
35) Dibromofluoromethane	7.722	113	114055	48.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.500%	
50) Toluene-d8	10.179	98	407695	46.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.220%	
62) 4-Bromofluorobenzene	12.483	95	114173	36.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.480%	
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	7.344	42	3398	5.633	ug/l	98
44) Trichloroethene	8.935	130	3316	1.144	ug/l	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
Data File : VY014193.D
Acq On : 15 Jun 2023 16:39
Operator : KP/MD
Sample : 03223-17
Misc : 13.45g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-11-GRAB-6

Quant Time: Jun 16 02:10:24 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

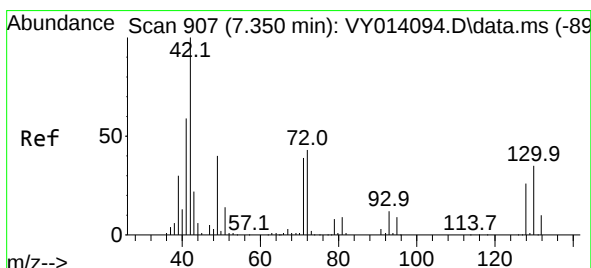
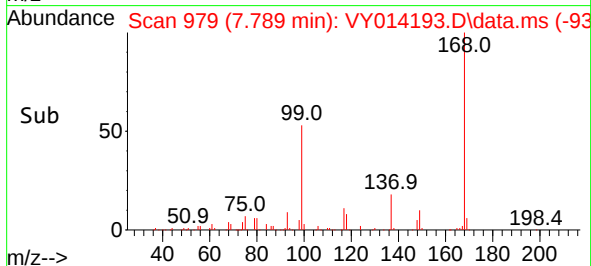
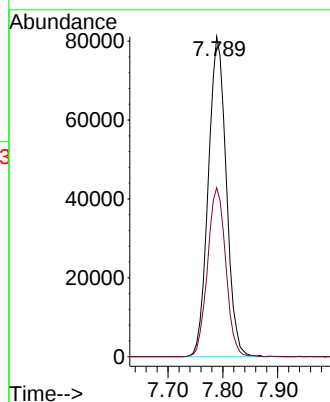
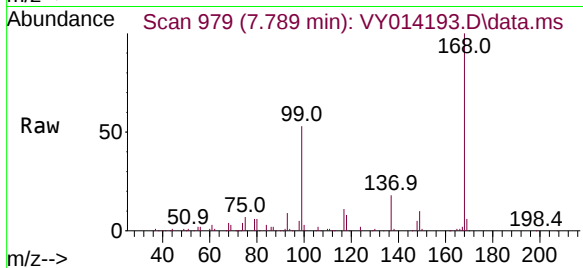




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014193.D
Acq: 15 Jun 2023 16:39

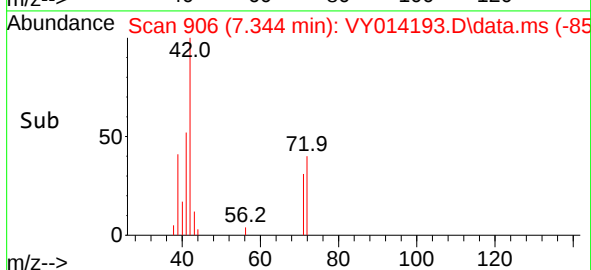
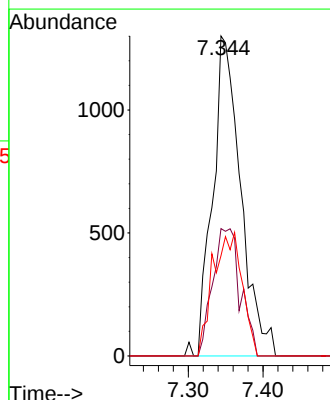
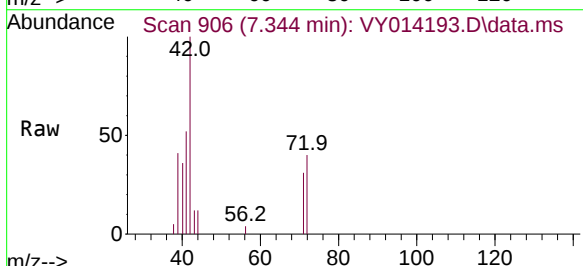
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-11-GRAB-6

Tgt Ion:168 Resp: 184113
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#29
Tetrahydrofuran
Concen: 5.633 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY014193.D
Acq: 15 Jun 2023 16:39

Tgt Ion: 42 Resp: 3398
Ion Ratio Lower Upper
42 100
72 39.4 32.8 49.2
71 40.0 31.0 46.4

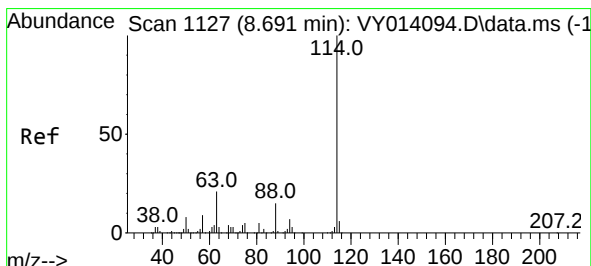
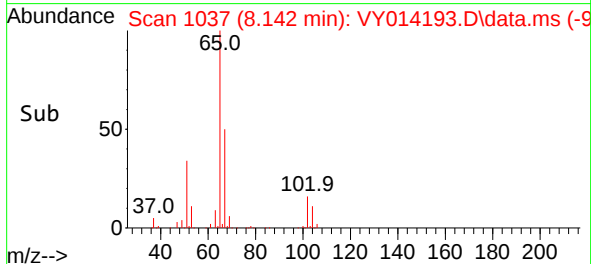
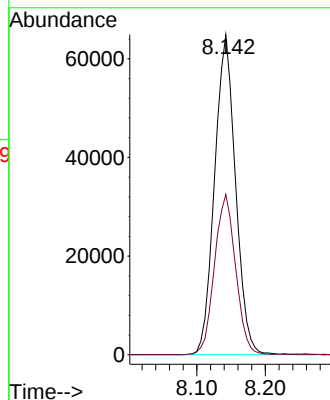
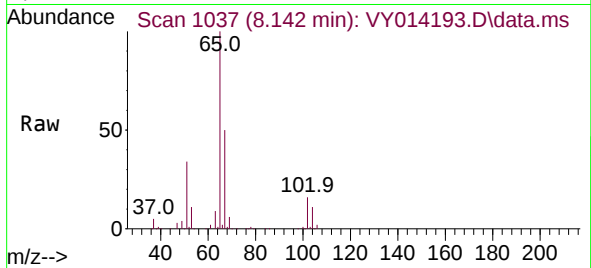




#33
1,2-Dichloroethane-d4
Concen: 53.716 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014193.D
Acq: 15 Jun 2023 16:39

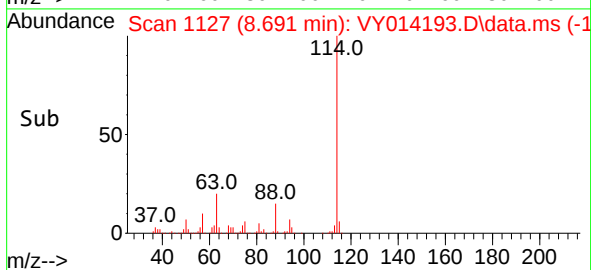
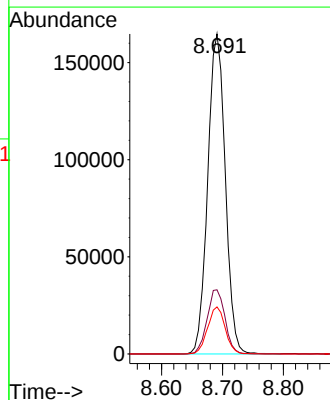
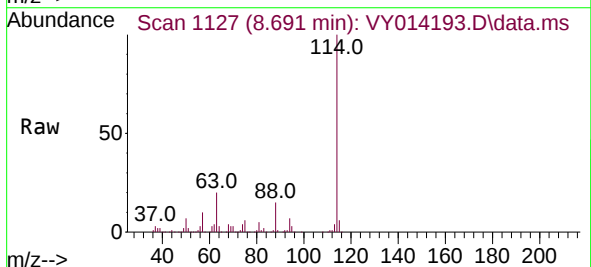
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-11-GRAB-6

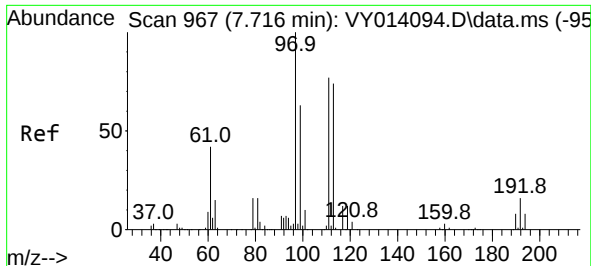
Tgt Ion: 65 Resp: 137717
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014193.D
Acq: 15 Jun 2023 16:39

Tgt Ion: 114 Resp: 329932
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 14.7 0.0 30.6

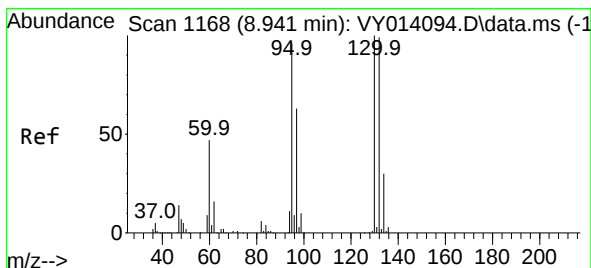
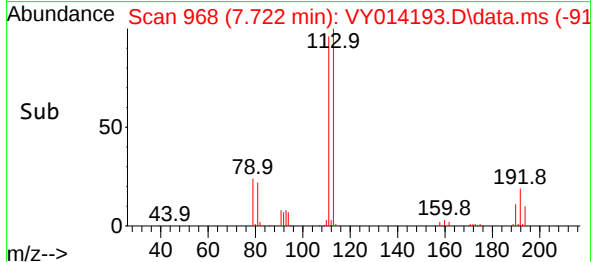
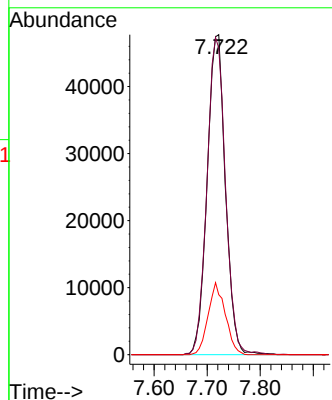
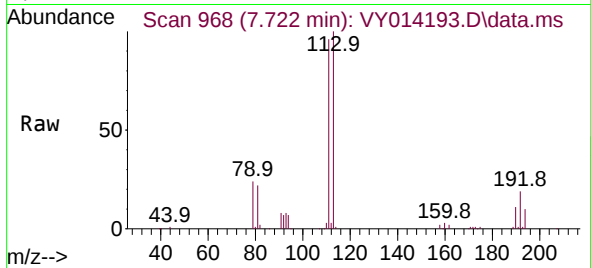




#35
Dibromofluoromethane
Concen: 48.746 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014193.D
Acq: 15 Jun 2023 16:39

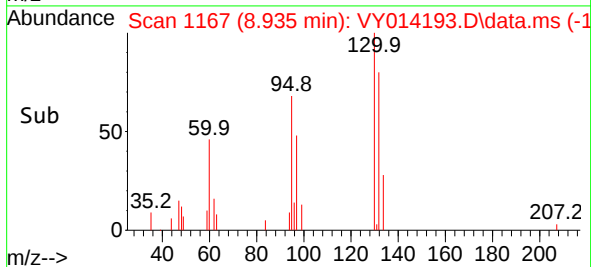
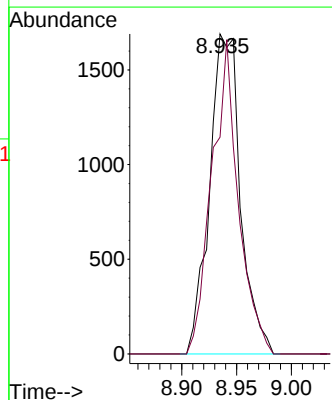
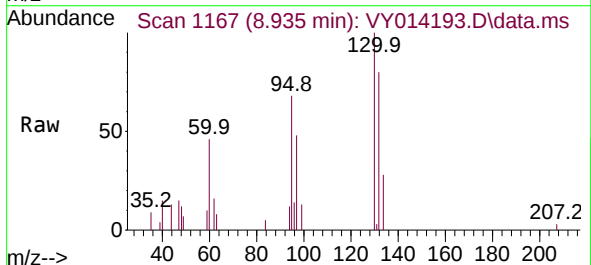
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-11-GRAB-6

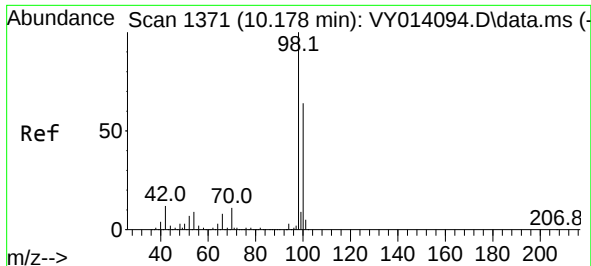
Tgt Ion:113 Resp: 114055
Ion Ratio Lower Upper
113 100
111 100.7 81.3 121.9
192 21.2 16.9 25.3



#44
Trichloroethene
Concen: 1.144 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014193.D
Acq: 15 Jun 2023 16:39

Tgt Ion:130 Resp: 3316
Ion Ratio Lower Upper
130 100
95 67.8 0.0 196.0

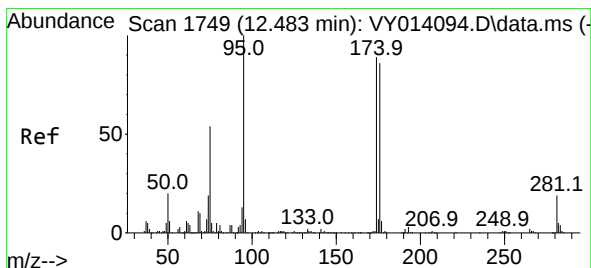
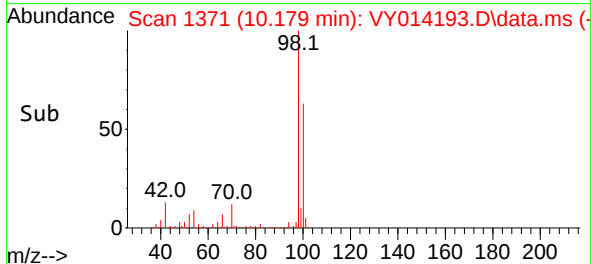
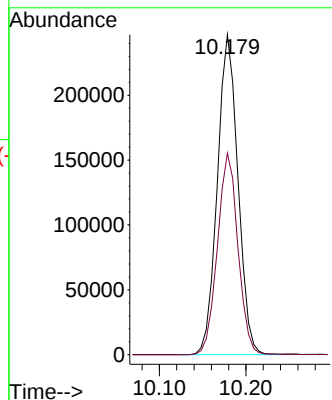
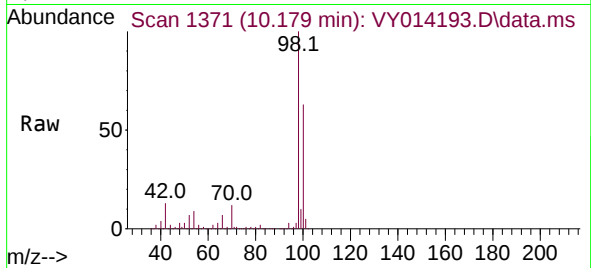




#50
Toluene-d8
Concen: 46.607 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014193.D
Acq: 15 Jun 2023 16:39

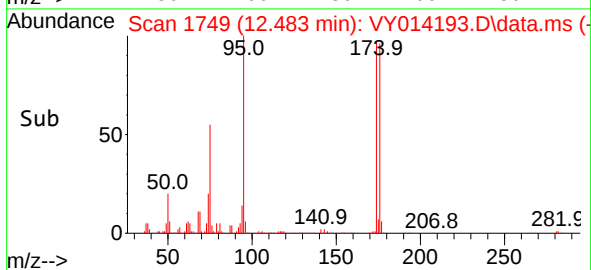
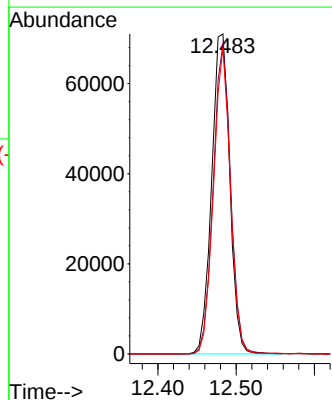
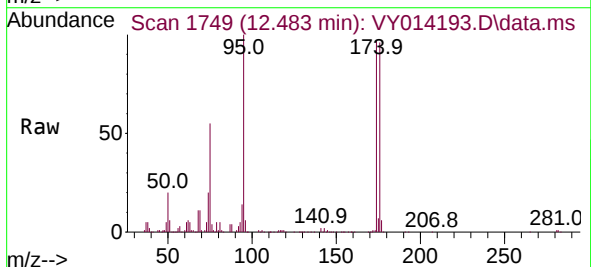
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-11-GRAB-6

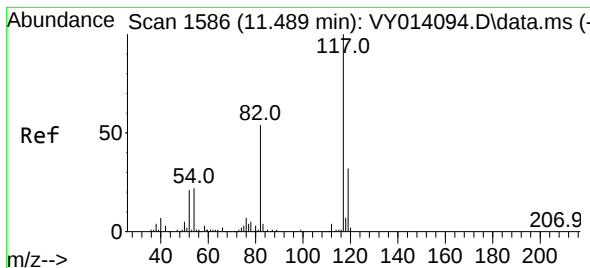
Tgt Ion: 98 Resp: 407695
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.742 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014193.D
Acq: 15 Jun 2023 16:39

Tgt Ion: 95 Resp: 114173
Ion Ratio Lower Upper
95 100
174 93.3 0.0 178.2
176 89.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014193.D

Acq: 15 Jun 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-11-GRAB-6

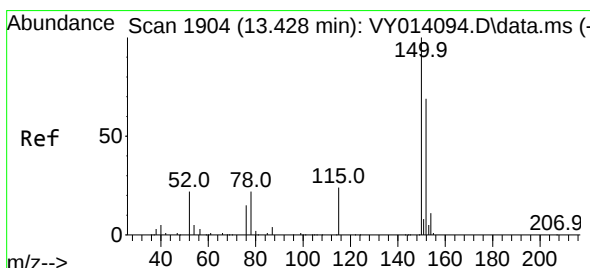
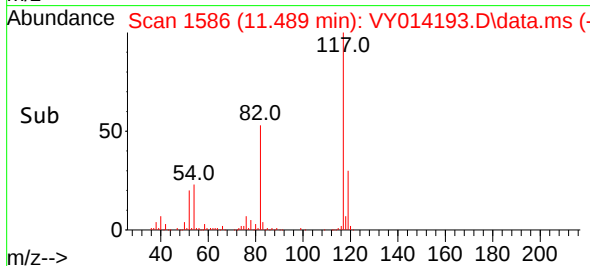
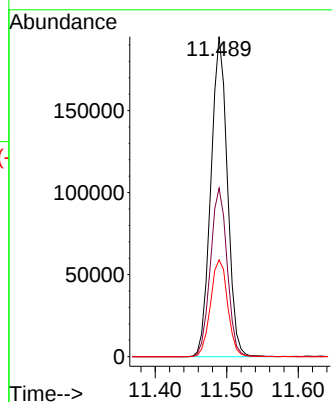
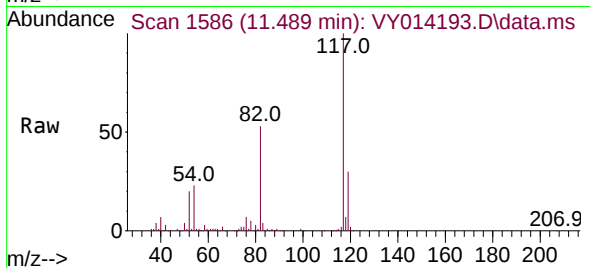
Tgt Ion:117 Resp: 312281

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 30.3 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: VY014193.D

Acq: 15 Jun 2023 16:39

Tgt Ion:152 Resp: 102034

Ion Ratio Lower Upper

152 100

115 54.5 28.8 86.5

150 157.8 0.0 348.8

