

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014409.D
 Acq On : 23 Jun 2023 15:51
 Operator : KP/MD
 Sample : 03329-11
 Misc : 7.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW03-8-15-GRAB-6

Quant Time: Jun 23 17:25:01 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)

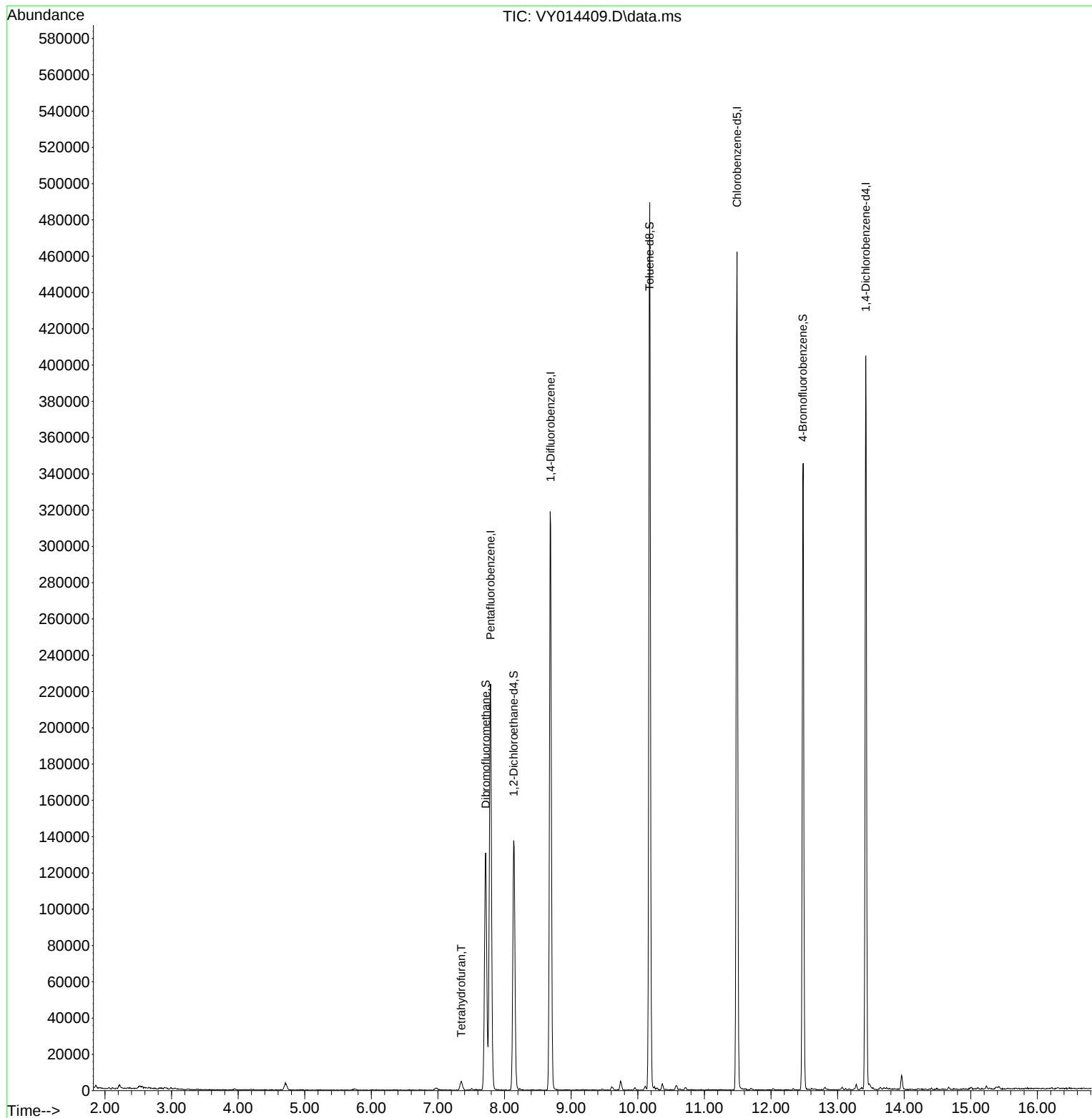
Internal Standards						
1) Pentafluorobenzene	7.789	168	175040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	121340	55.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.716	113	86311	51.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.960%
50) Toluene-d8	10.179	98	319379	48.385	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.477	95	95427	40.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.980%
Target Compounds						
29) Tetrahydrofuran	7.350	42	3348m	6.592	ug/l	Qvalue

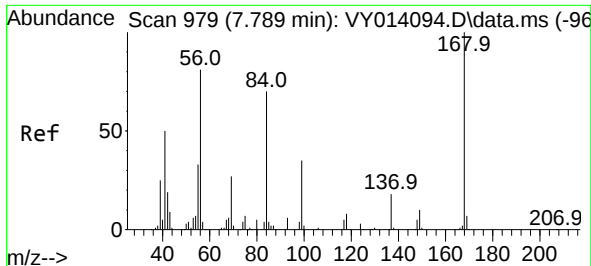
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
Data File : VY014409.D
Acq On : 23 Jun 2023 15:51
Operator : KP/MD
Sample : 03329-11
Misc : 7.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

Quant Time: Jun 23 17:25:01 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

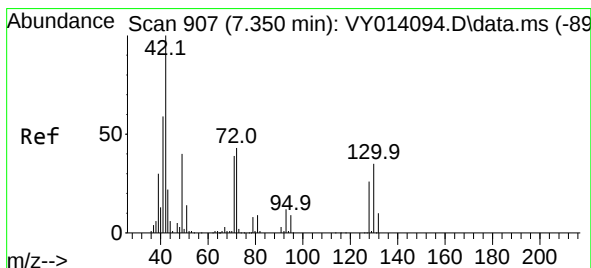
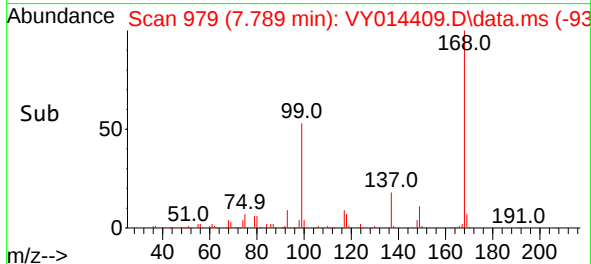
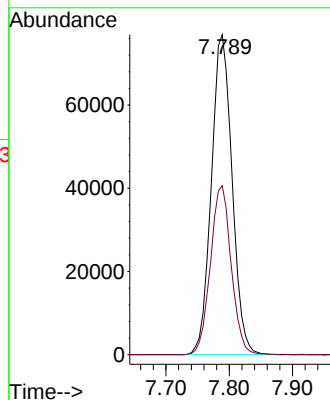
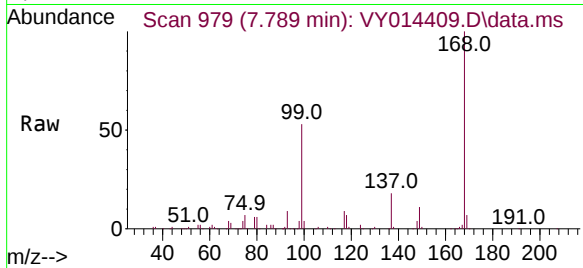




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

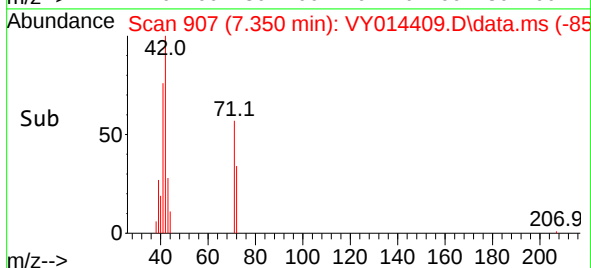
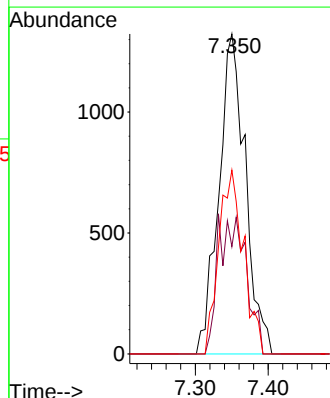
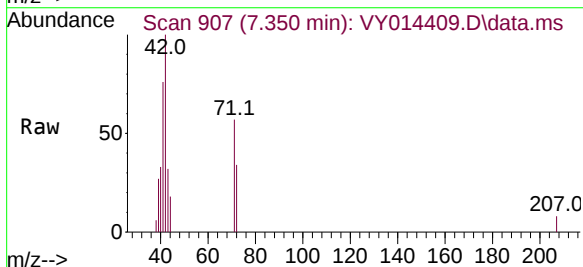
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

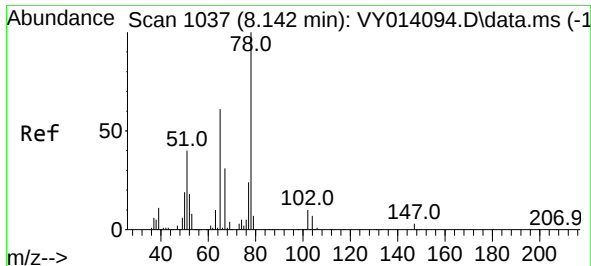
Tgt Ion:168 Resp: 175040
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.592 ug/l m
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Tgt Ion: 42 Resp: 3348
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 31.0 46.4#





#33

1,2-Dichloroethane-d4

Concen: 55.833 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VY014409.D

Acq: 23 Jun 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

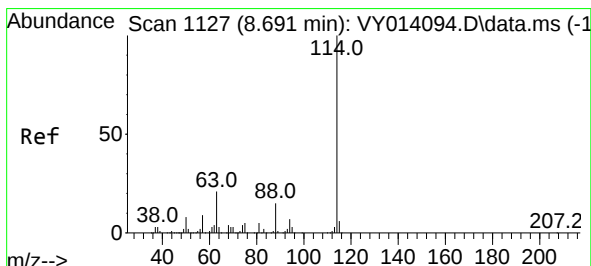
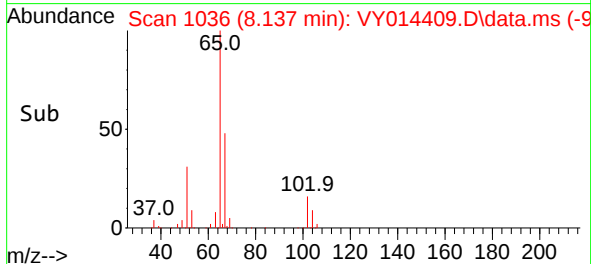
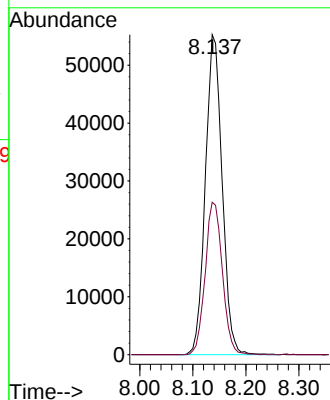
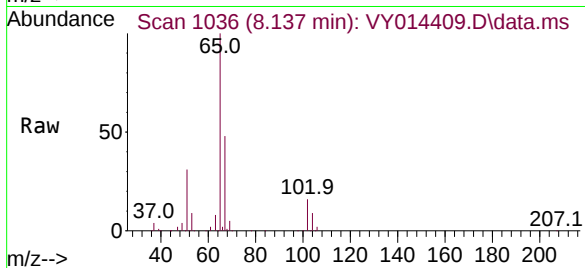
TOTAL-VOC-SW03-8-15-GRAB-6

Tgt Ion: 65 Resp: 121340

Ion Ratio Lower Upper

65 100

67 48.9 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: VY014409.D

Acq: 23 Jun 2023 15:51

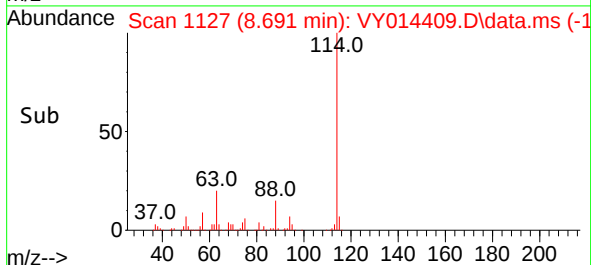
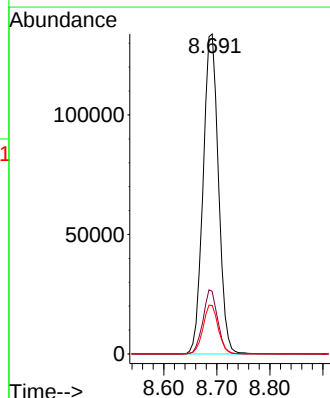
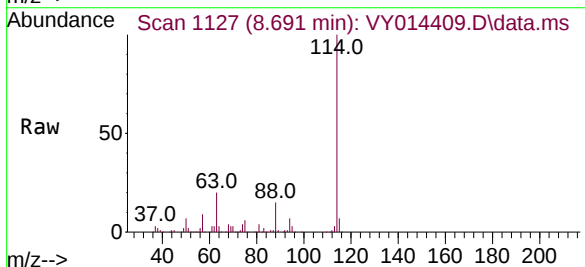
Tgt Ion: 114 Resp: 268772

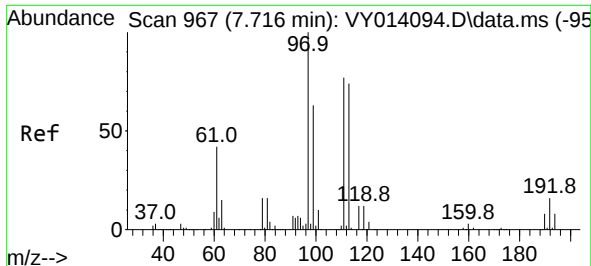
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.2 0.0 30.6

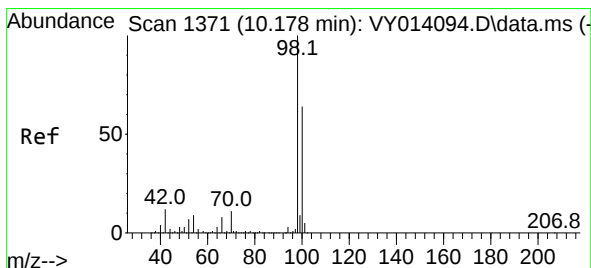
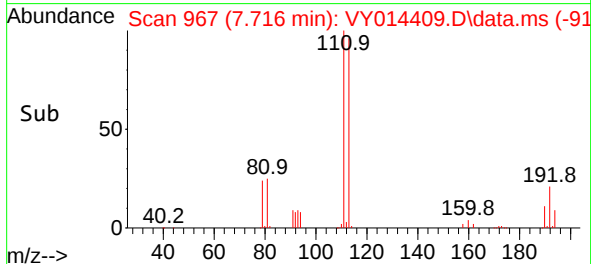
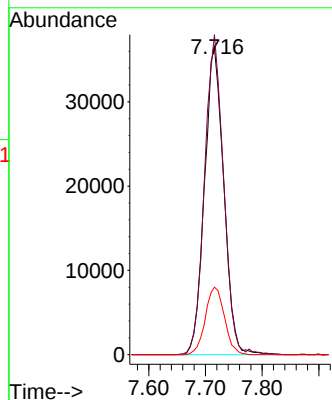
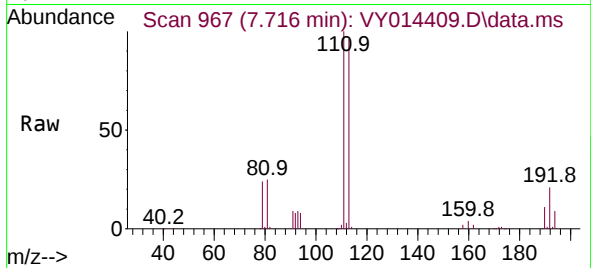




#35
Dibromofluoromethane
Concen: 51.978 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

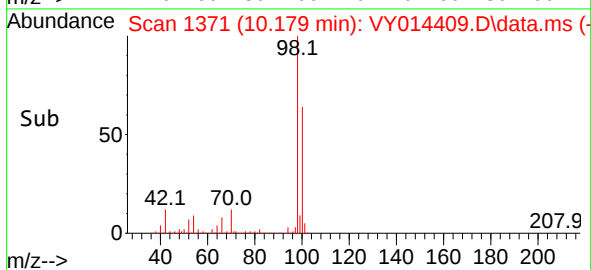
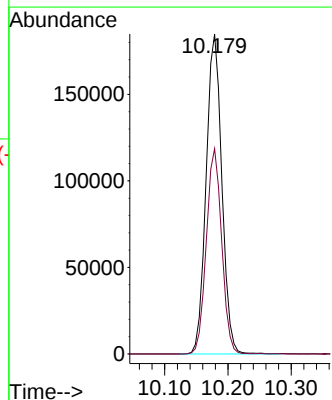
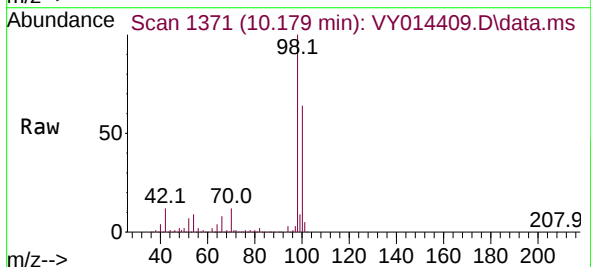
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

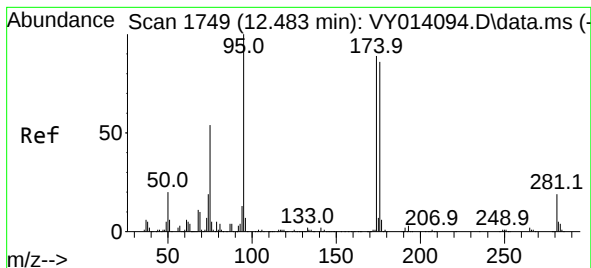
Tgt Ion:113 Resp: 86311
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 21.7 16.9 25.3



#50
Toluene-d8
Concen: 48.385 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Tgt Ion: 98 Resp: 319379
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

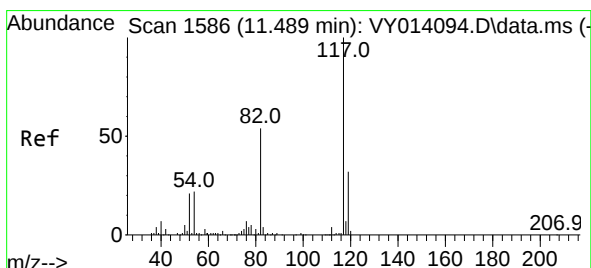
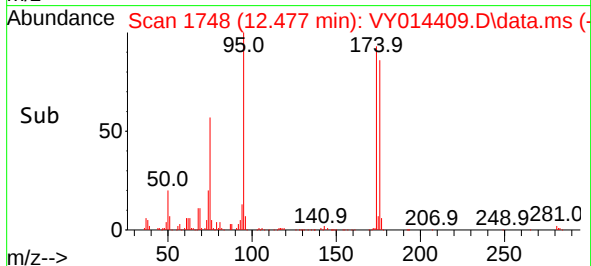
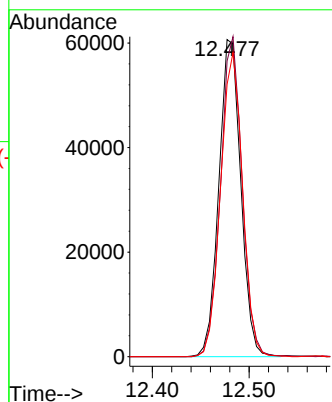
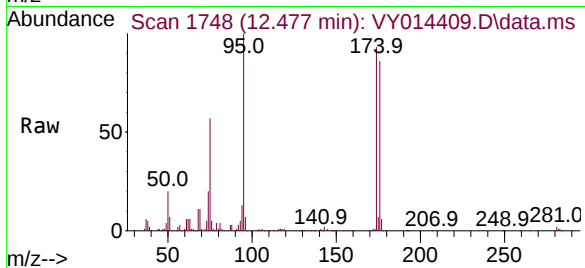




#62
4-Bromofluorobenzene
Concen: 40.495 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

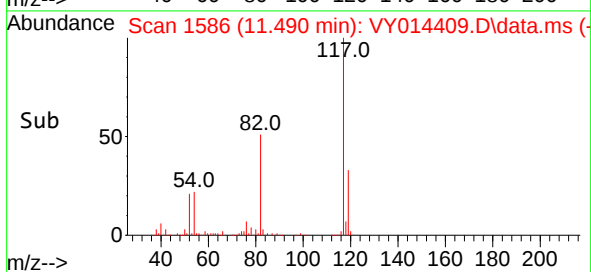
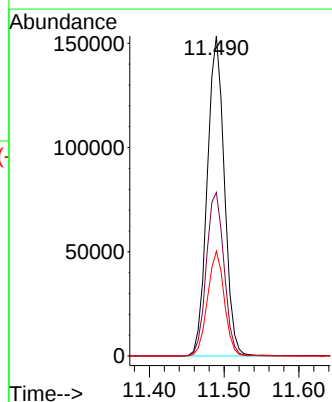
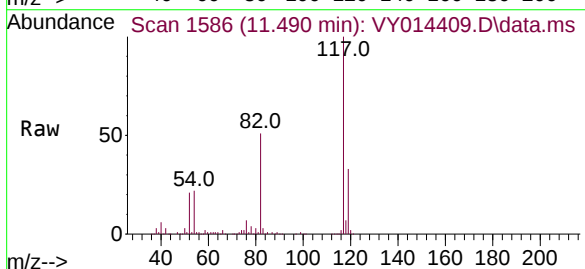
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

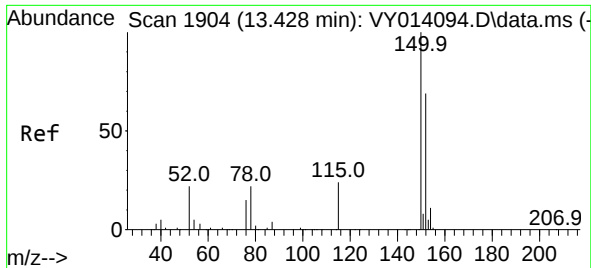
Tgt Ion:	95	Resp:	95427
Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	178.2
176	95.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Tgt Ion:	117	Resp:	244289
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.4	65.0
119	32.7	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: VY014409.D

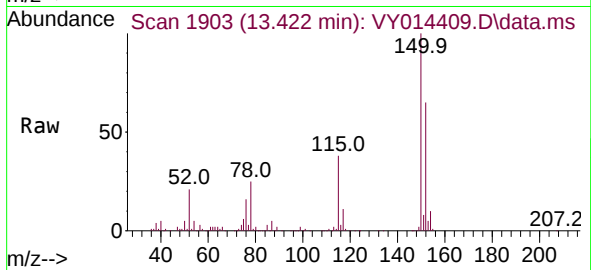
Acq: 23 Jun 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW03-8-15-GRAB-6



Tgt Ion:152 Resp: 104901

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 156.4 0.0 348.8

