

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014184.D
 Acq On : 15 Jun 2023 13:09
 Operator : KP/MD
 Sample : 03222-05
 Misc : 10.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-4-SB-33

Quant Time: Jun 16 02:07:16 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)

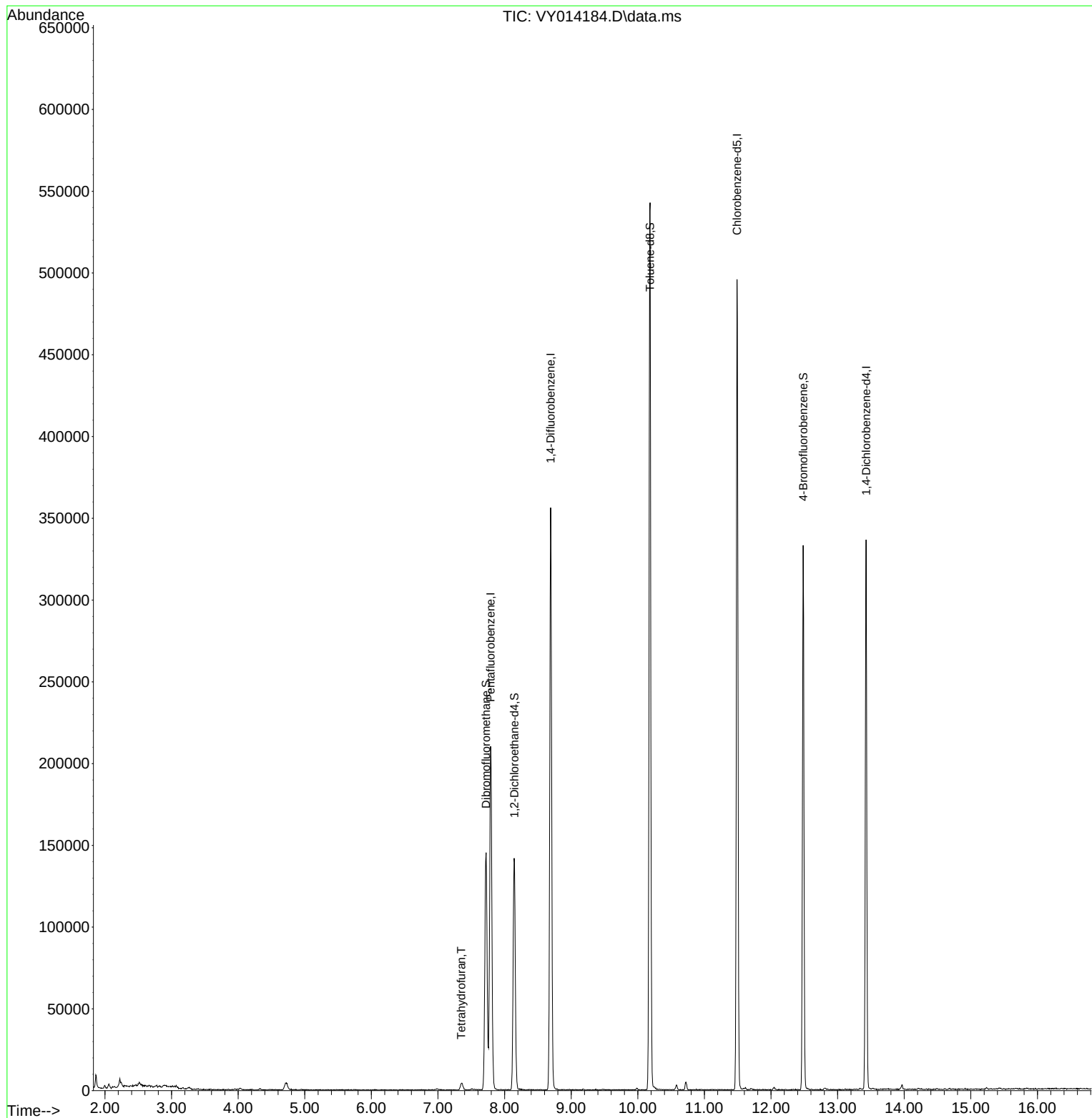
Internal Standards						
1) Pentafluorobenzene	7.789	168	164396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119945	52.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.800%
35) Dibromofluoromethane	7.722	113	99962	48.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.185	98	355688	46.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.040%
62) 4-Bromofluorobenzene	12.483	95	91808	33.440	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.880%
Target Compounds						
29) Tetrahydrofuran	7.350	42	3080	5.718	ug/l	96

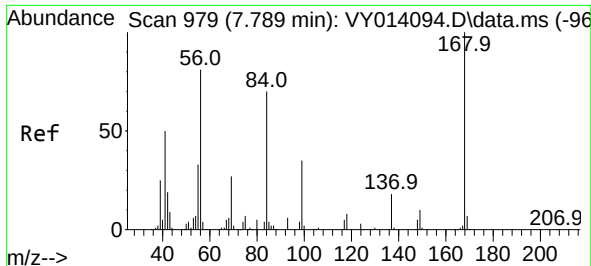
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
Data File : VY014184.D
Acq On : 15 Jun 2023 13:09
Operator : KP/MD
Sample : 03222-05
Misc : 10.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-4-SB-33

Quant Time: Jun 16 02:07:16 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

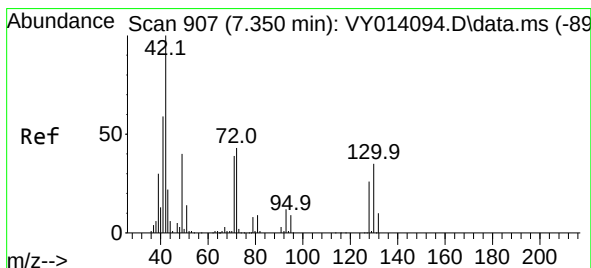
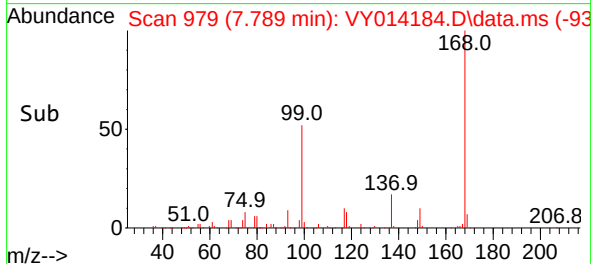
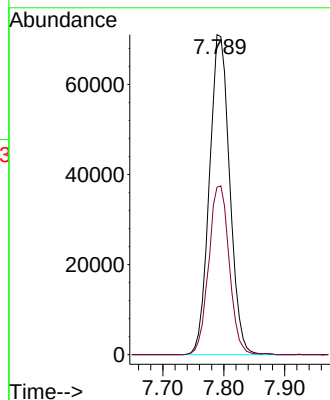
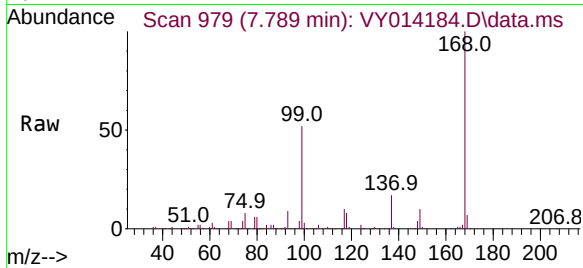




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014184.D
Acq: 15 Jun 2023 13:09

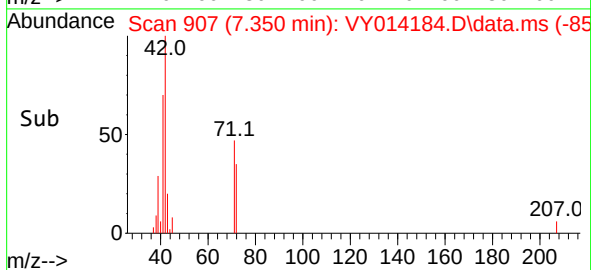
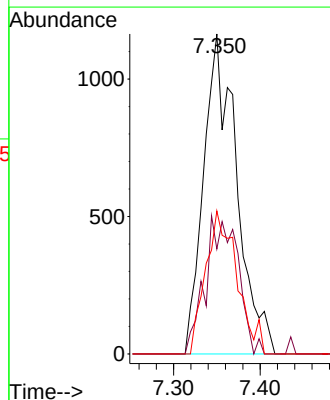
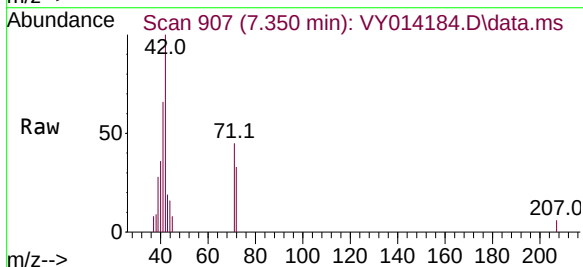
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-4-SB-33

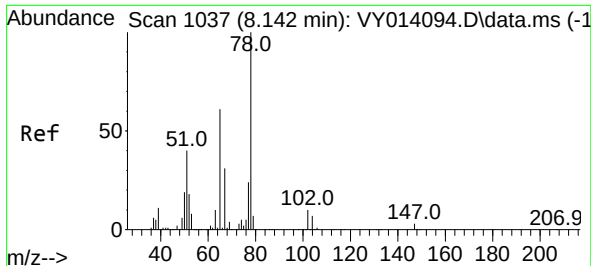
Tgt Ion:168 Resp: 164396
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#29
Tetrahydrofuran
Concen: 5.718 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014184.D
Acq: 15 Jun 2023 13:09

Tgt Ion: 42 Resp: 3080
Ion Ratio Lower Upper
42 100
72 42.5 32.8 49.2
71 42.4 31.0 46.4

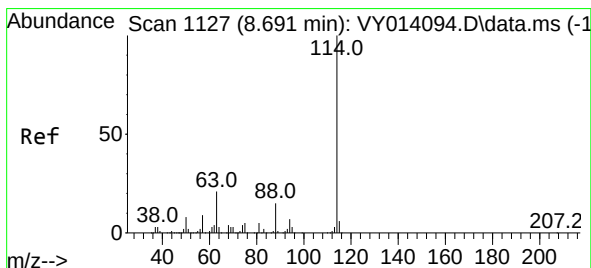
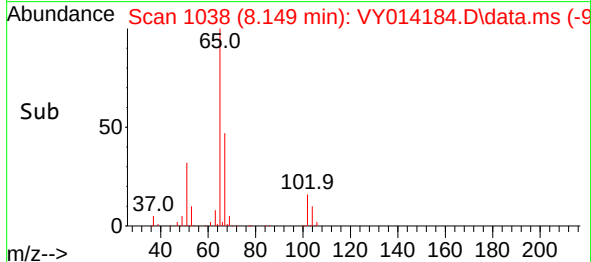
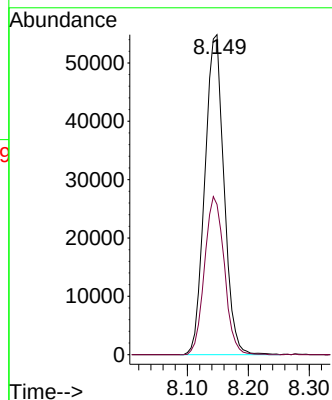
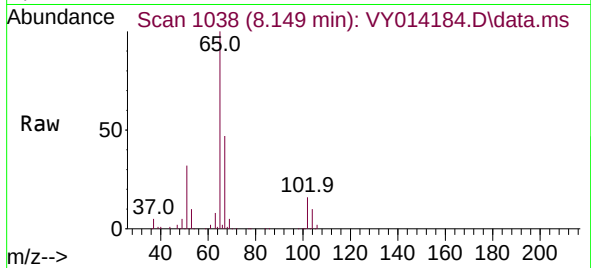




#33
 1,2-Dichloroethane-d4
 Concen: 52.395 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY014184.D
 Acq: 15 Jun 2023 13:09

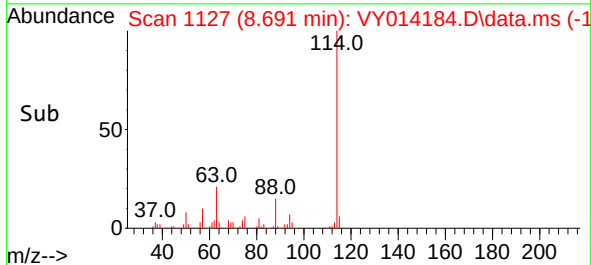
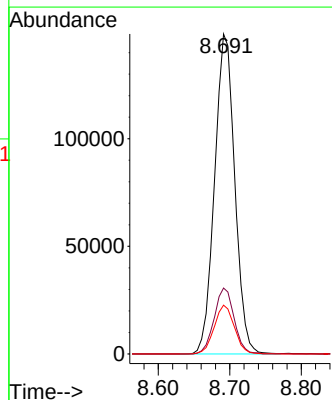
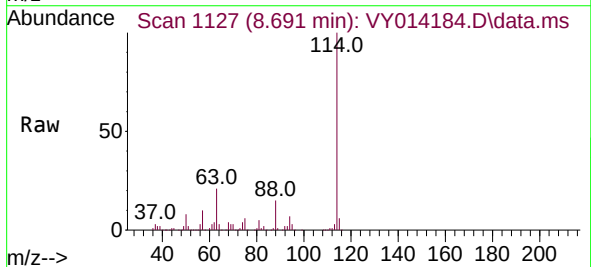
Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-4-SB-33

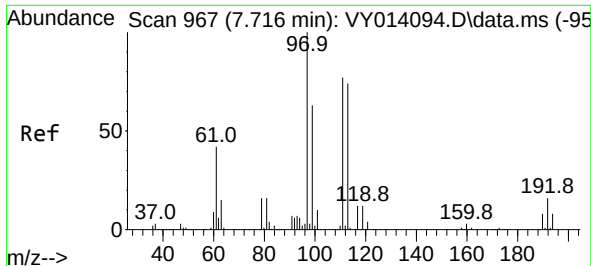
Tgt Ion: 65 Resp: 119945
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014184.D
 Acq: 15 Jun 2023 13:09

Tgt Ion: 114 Resp: 291502
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.2 0.0 30.6

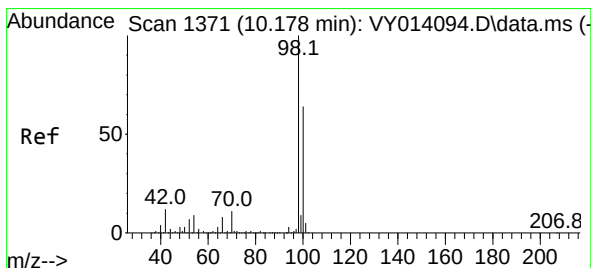
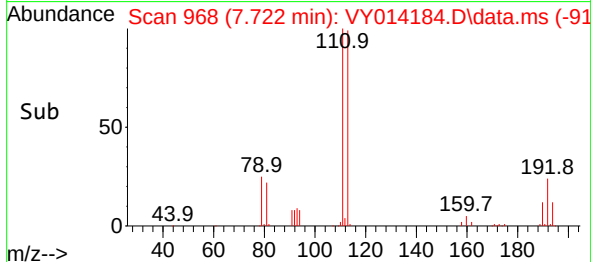
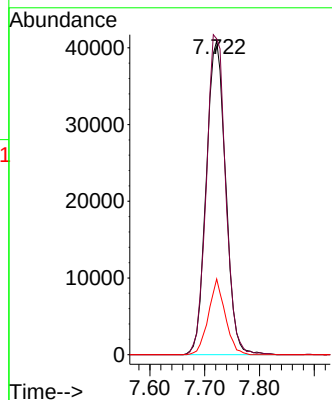
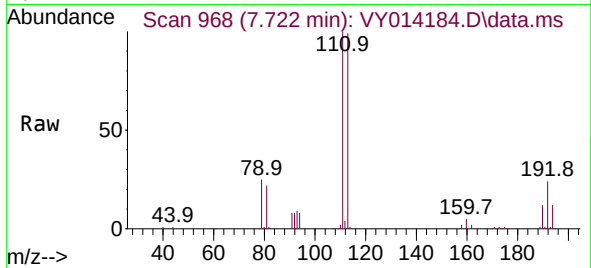




#35
Dibromofluoromethane
Concen: 48.355 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014184.D
Acq: 15 Jun 2023 13:09

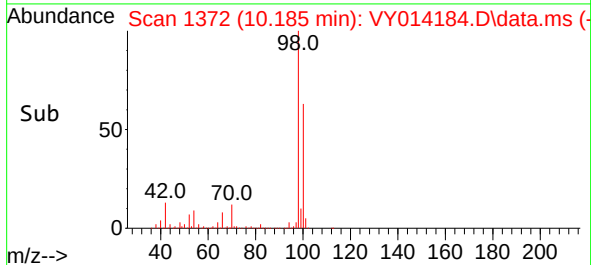
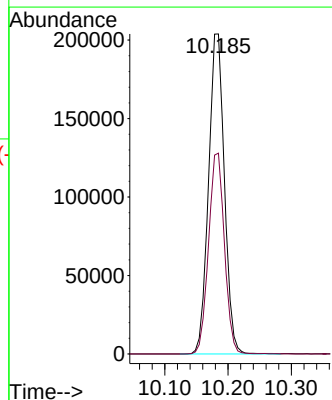
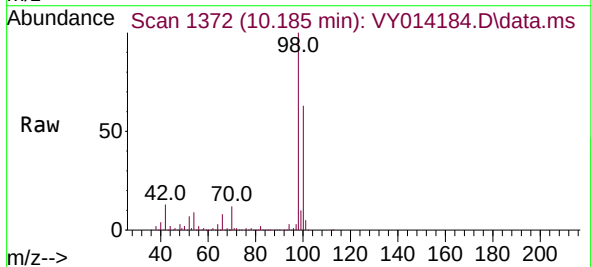
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-4-SB-33

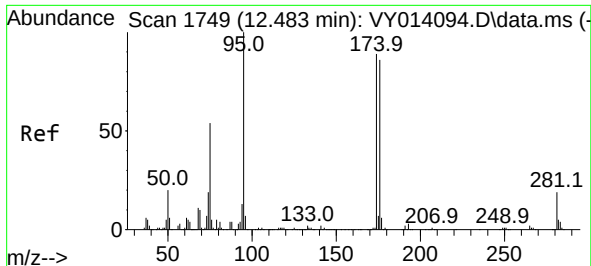
Tgt Ion:113 Resp: 99962
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 20.9 16.9 25.3



#50
Toluene-d8
Concen: 46.022 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014184.D
Acq: 15 Jun 2023 13:09

Tgt Ion: 98 Resp: 355688
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

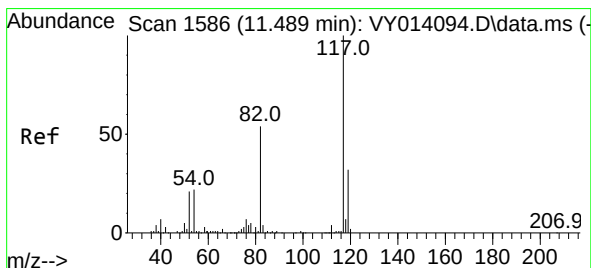
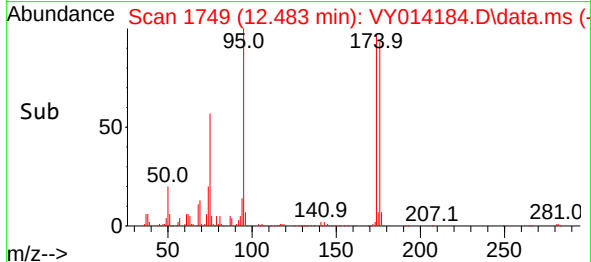
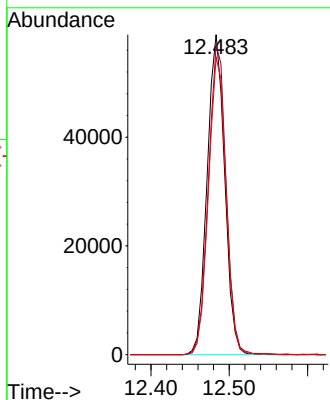
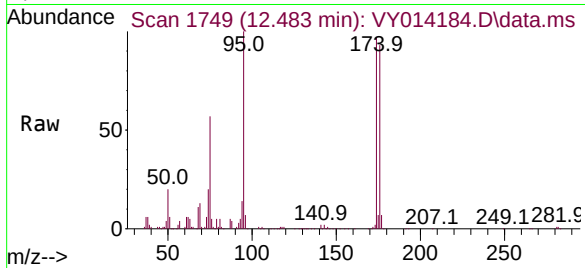




#62
4-Bromofluorobenzene
Concen: 33.440 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014184.D
Acq: 15 Jun 2023 13:09

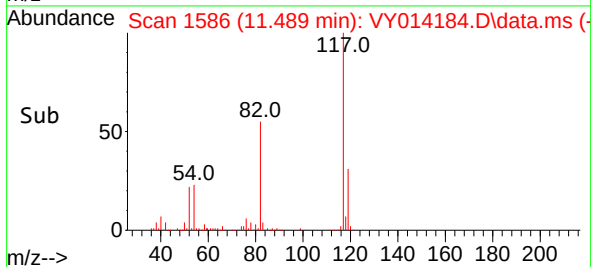
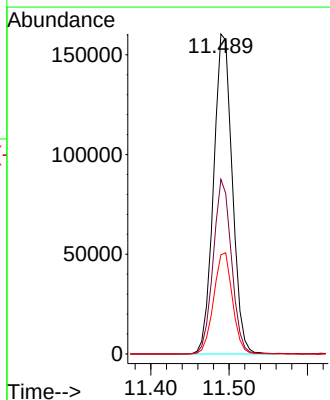
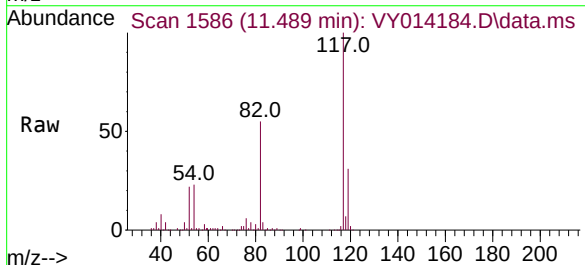
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-4-SB-33

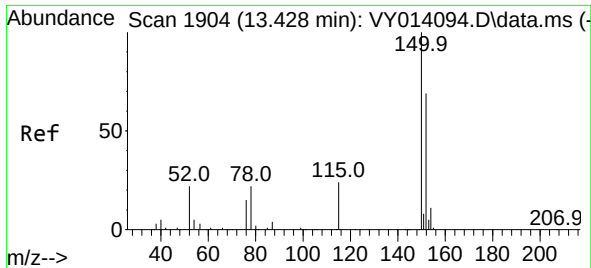
Tgt Ion:	95	Resp:	91808
Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	178.2
176	93.3	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014184.D
Acq: 15 Jun 2023 13:09

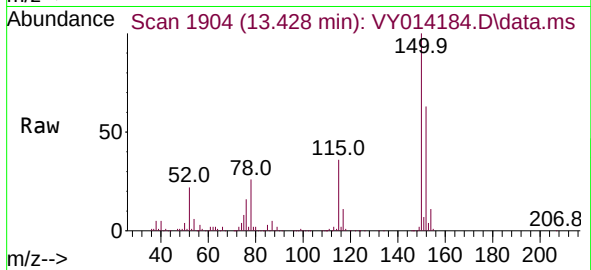
Tgt Ion:	117	Resp:	266316
Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.4	65.0
119	31.0	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014184.D
 Acq: 15 Jun 2023 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-4-SB-33



Tgt Ion:	152	Resp:	84306
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.8	86.5
150	157.3	0.0	348.8

