

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014360.D
 Acq On : 22 Jun 2023 01:51
 Operator : KP/MD
 Sample : 03330-05
 Misc : 4.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC03-GRAB-6

Quant Time: Jun 22 04:51:25 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)

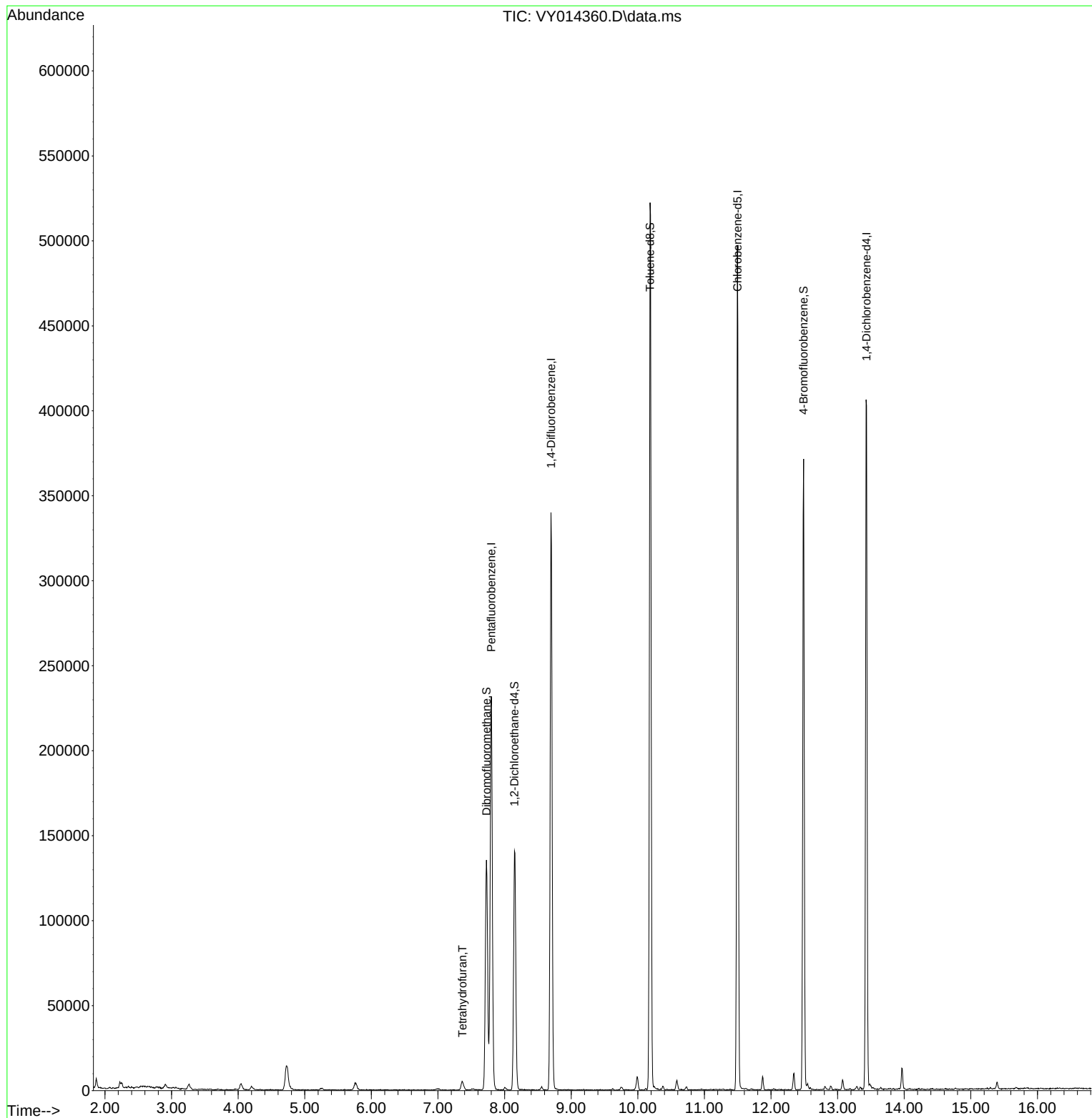
Internal Standards						
1) Pentafluorobenzene	7.801	168	180967	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	287756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	111117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122511	48.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.240%
35) Dibromofluoromethane	7.728	113	94145	46.134	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.260%
50) Toluene-d8	10.185	98	344352	45.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.280%
62) 4-Bromofluorobenzene	12.489	95	103012	38.009	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.020%
Target Compounds						
29) Tetrahydrofuran	7.368	42	3773	6.363	ug/l	Qvalue # 84

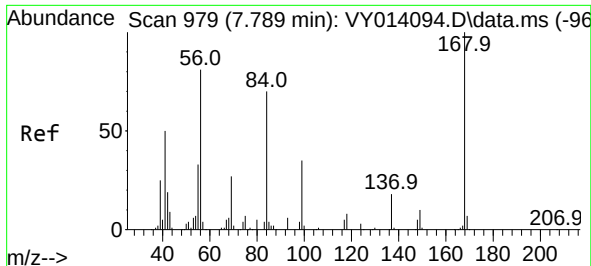
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
Data File : VY014360.D
Acq On : 22 Jun 2023 01:51
Operator : KP/MD
Sample : 03330-05
Misc : 4.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-6

Quant Time: Jun 22 04:51:25 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

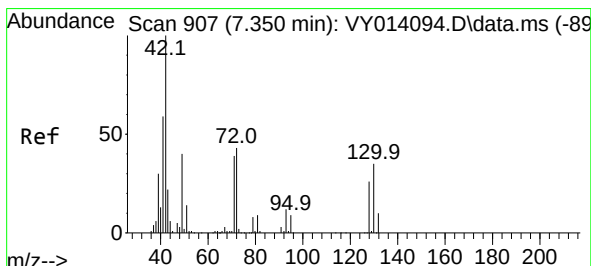
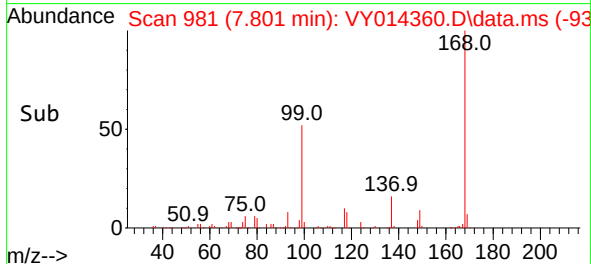
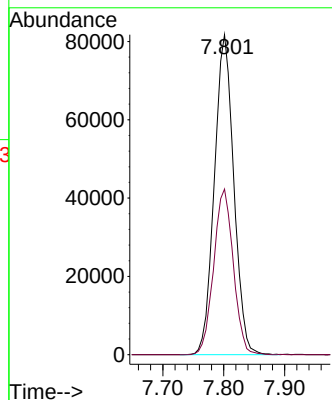
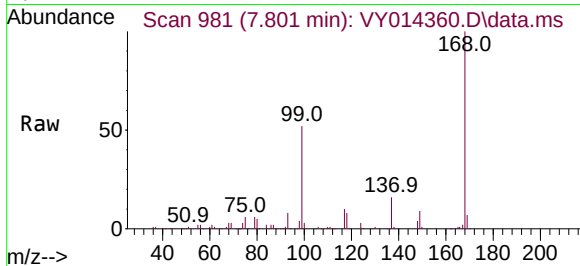




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY014360.D
Acq: 22 Jun 2023 01:51

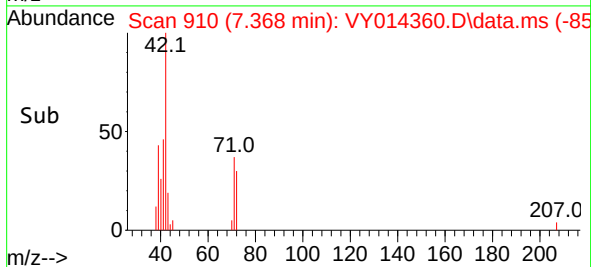
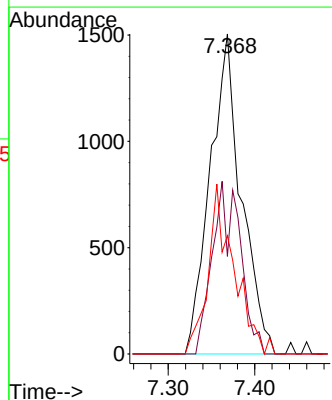
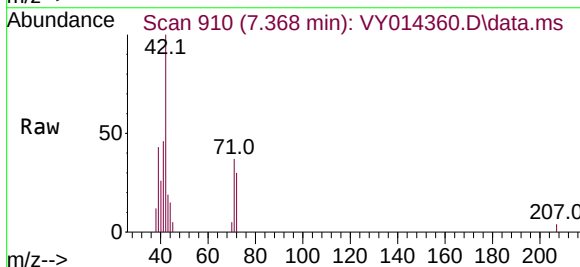
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-6

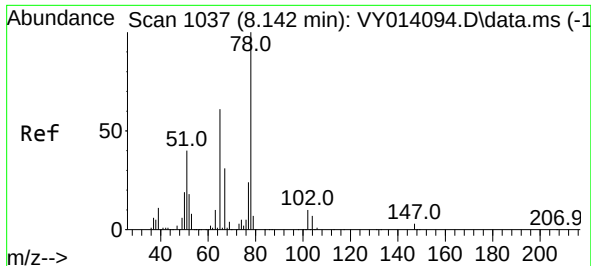
Tgt Ion:168 Resp: 180967
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.363 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014360.D
Acq: 22 Jun 2023 01:51

Tgt Ion: 42 Resp: 3773
Ion Ratio Lower Upper
42 100
72 26.6 32.8 49.2#
71 43.7 31.0 46.4

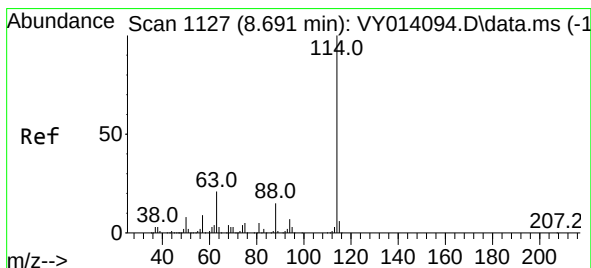
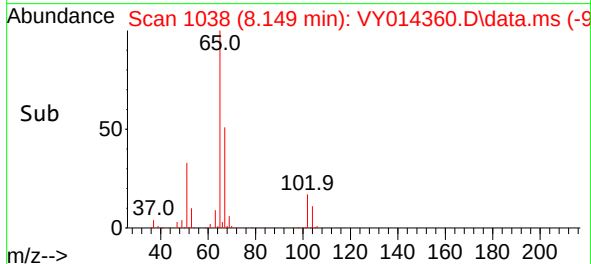
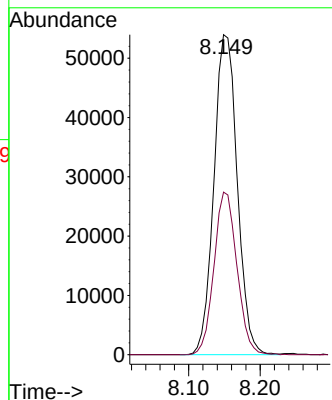
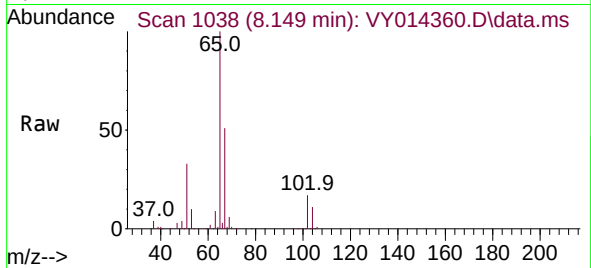




#33
1,2-Dichloroethane-d4
Concen: 48.616 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014360.D
Acq: 22 Jun 2023 01:51

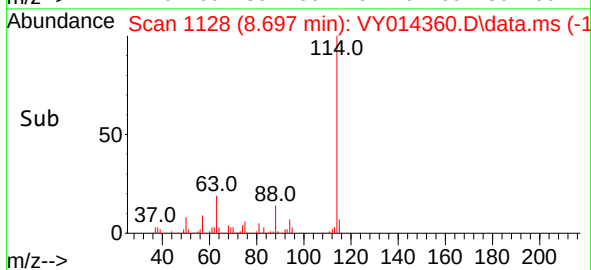
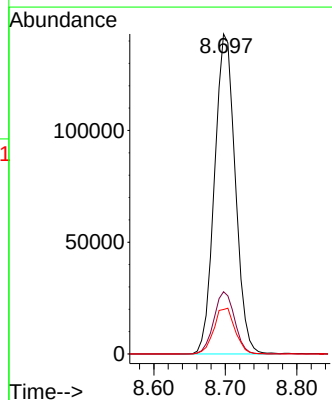
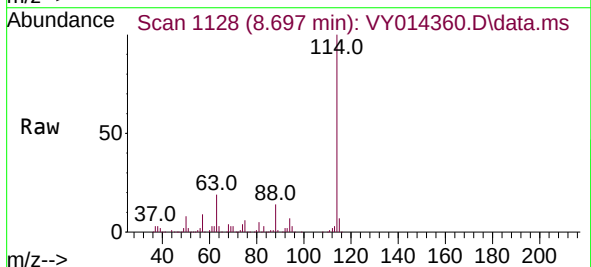
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-6

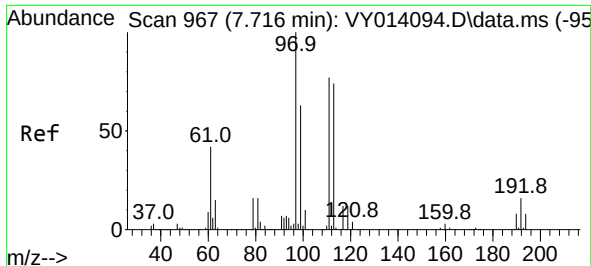
Tgt Ion: 65 Resp: 122511
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY014360.D
Acq: 22 Jun 2023 01:51

Tgt Ion: 114 Resp: 287756
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 13.9 0.0 30.6

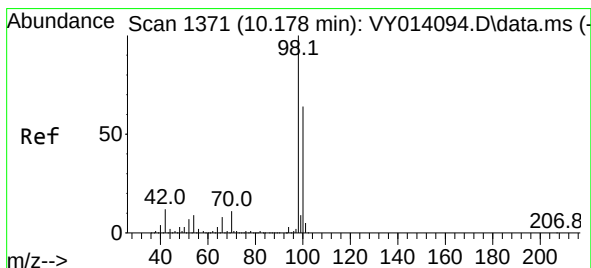
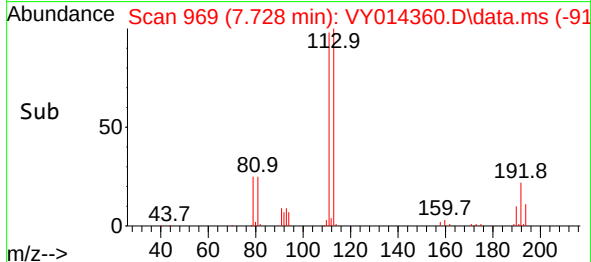
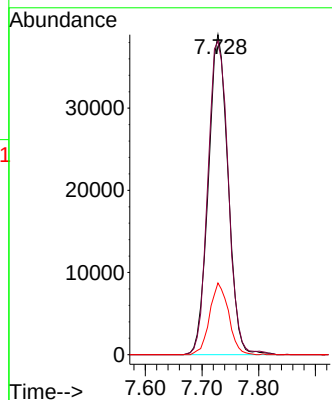
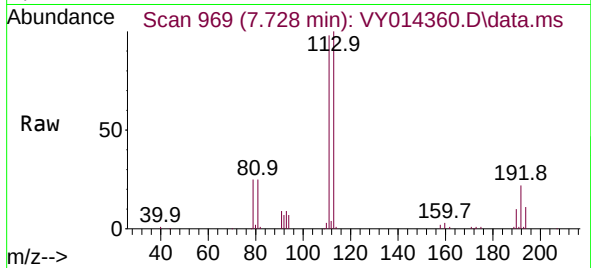




#35
Dibromofluoromethane
Concen: 46.134 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014360.D
Acq: 22 Jun 2023 01:51

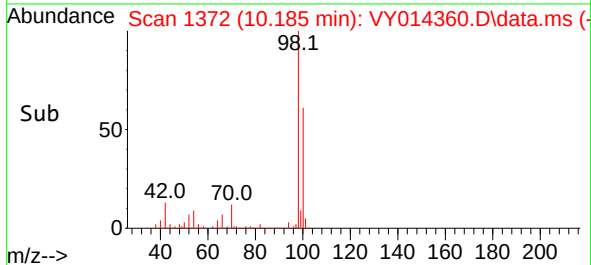
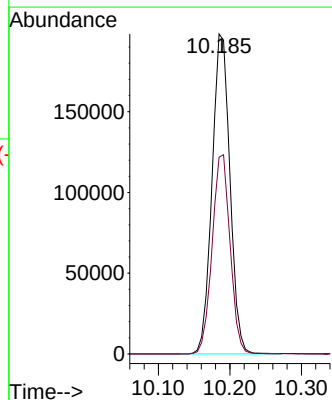
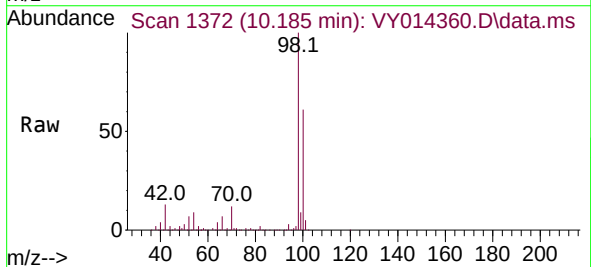
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-6

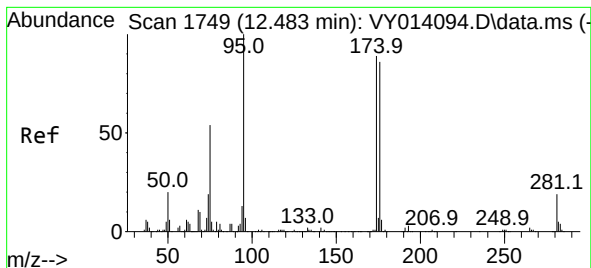
Tgt Ion:113 Resp: 94145
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 21.5 16.9 25.3



#50
Toluene-d8
Concen: 45.135 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014360.D
Acq: 22 Jun 2023 01:51

Tgt Ion: 98 Resp: 344352
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1

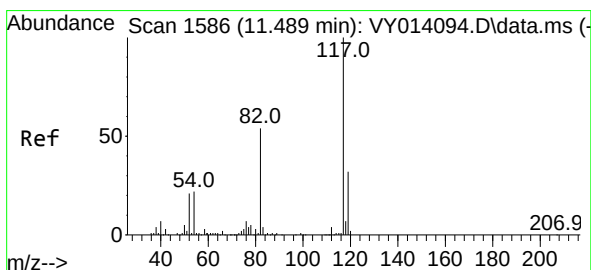
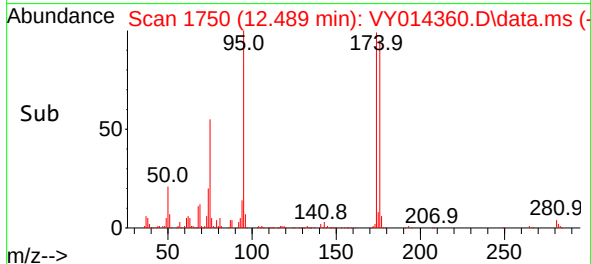
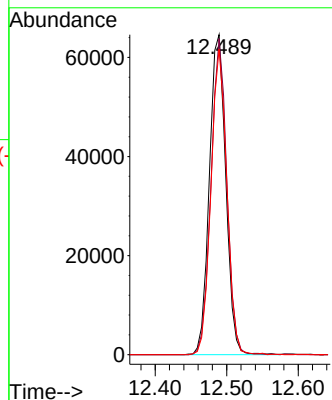
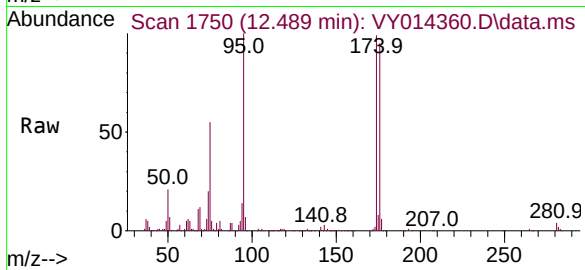




#62
4-Bromofluorobenzene
Concen: 38.009 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014360.D
Acq: 22 Jun 2023 01:51

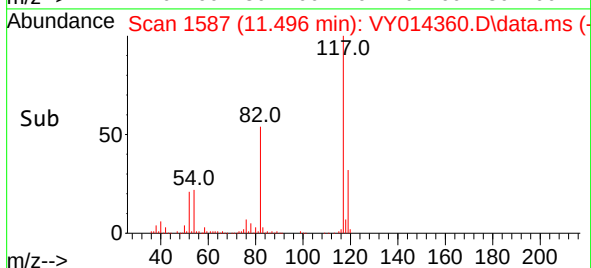
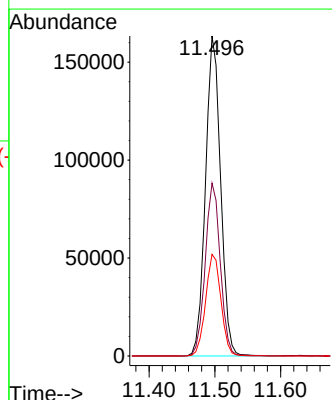
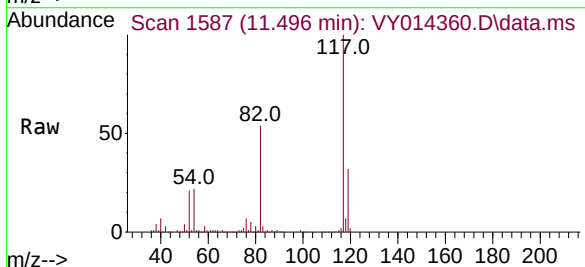
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-6

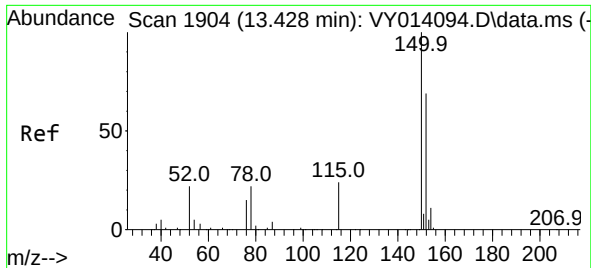
Tgt Ion: 95 Resp: 103012
Ion Ratio Lower Upper
95 100
174 95.4 0.0 178.2
176 92.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014360.D
Acq: 22 Jun 2023 01:51

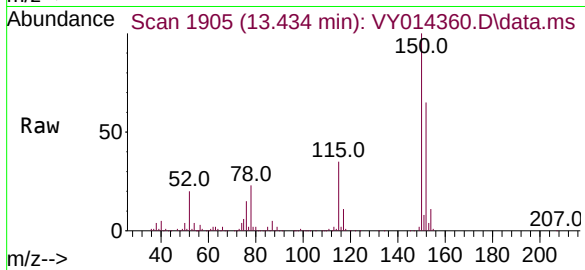
Tgt Ion: 117 Resp: 261249
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY014360.D
 Acq: 22 Jun 2023 01:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC03-GRAB-6



Tgt Ion:152 Resp: 111117
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.8 86.5
 150 155.1 0.0 348.8

