

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011658.D
 Acq On : 01 Dec 2022 13:29
 Operator : KP/MD
 Sample : N5807-08
 Misc : 2.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1

Quant Time: Dec 02 03:20:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

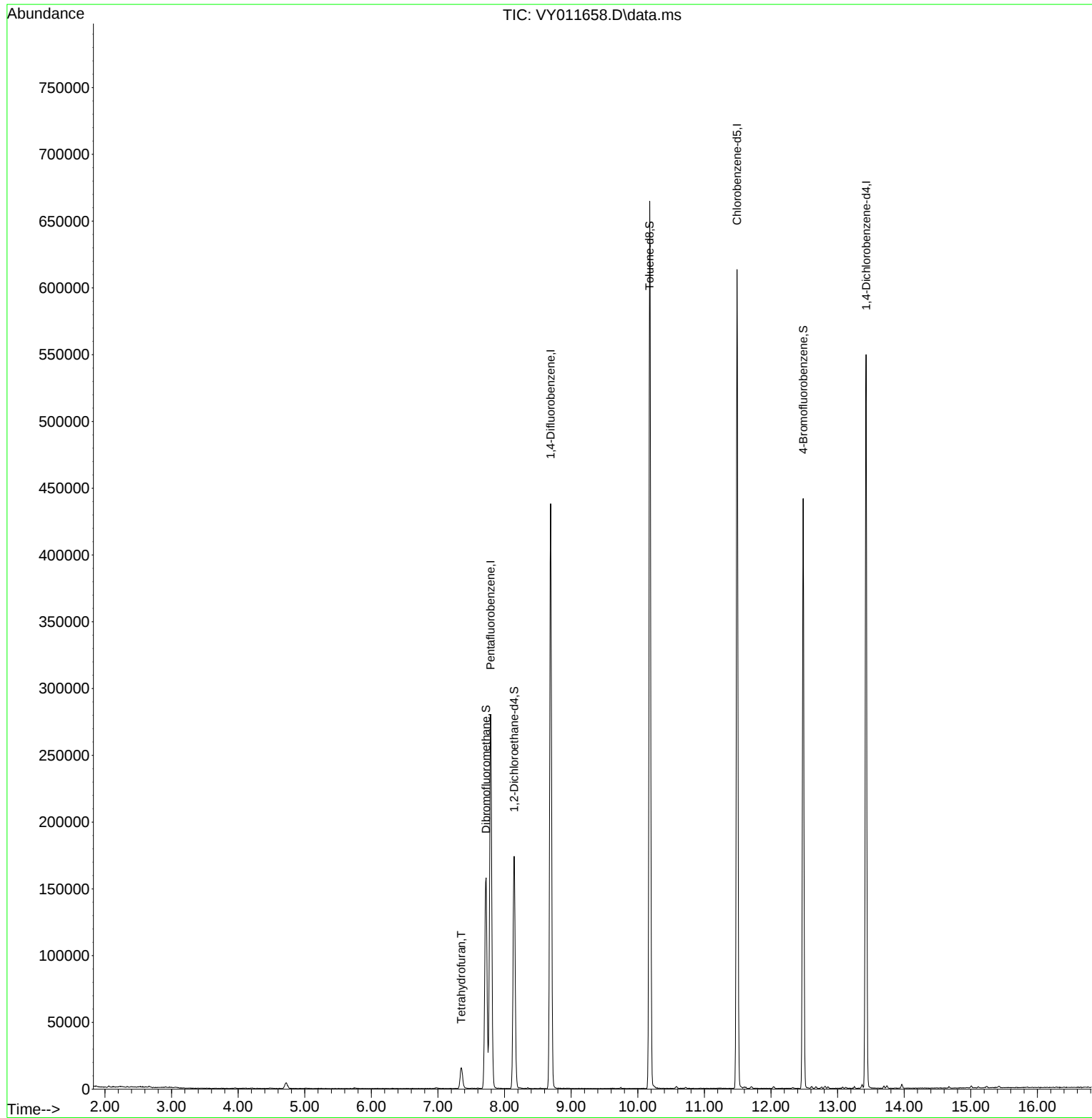
Internal Standards						
1) Pentafluorobenzene	7.789	168	212443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	364301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	325003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	137005	63.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.020%
35) Dibromofluoromethane	7.722	113	111770	49.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.179	98	433170	53.153	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.300%
62) 4-Bromofluorobenzene	12.483	95	131019	43.483	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.960%
Target Compounds						
29) Tetrahydrofuran	7.350	42	12855	24.720	ug/l	Qvalue 92

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

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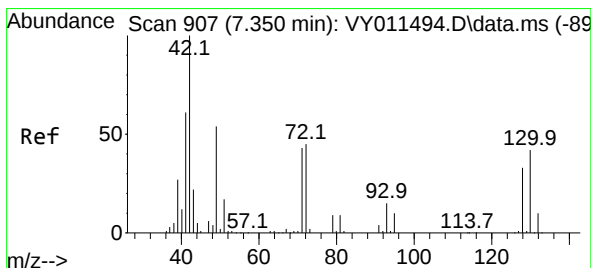
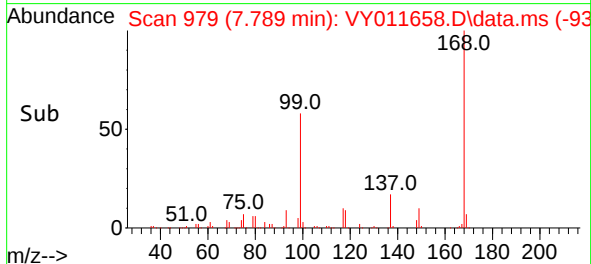
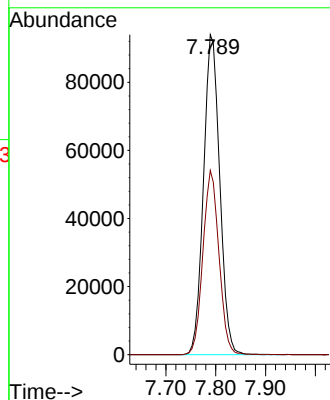
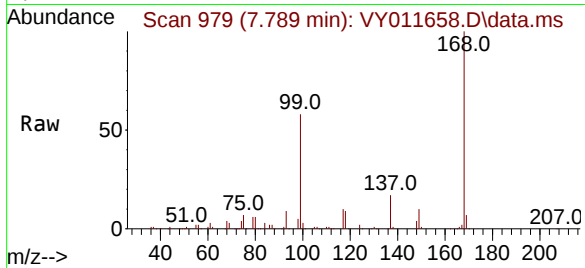




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

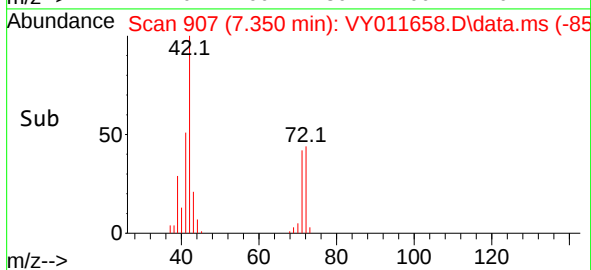
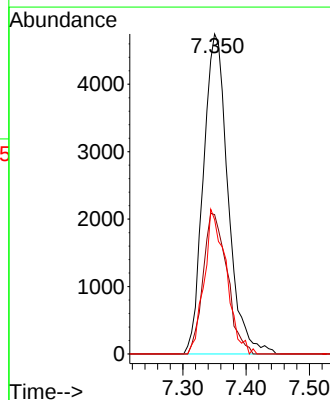
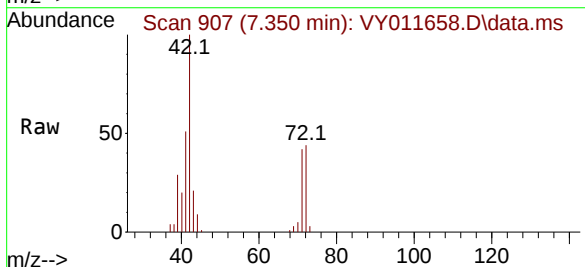
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

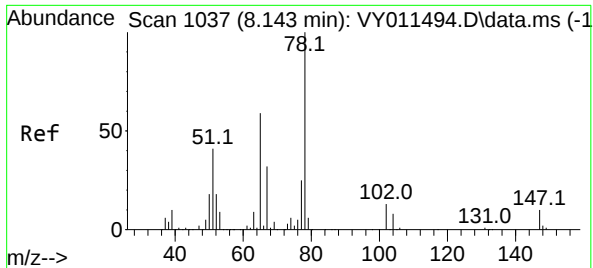
Tgt Ion:168 Resp: 212443
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#29
Tetrahydrofuran
Concen: 24.720 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Tgt Ion: 42 Resp: 12855
Ion Ratio Lower Upper
42 100
72 42.8 30.3 45.5
71 40.3 29.0 43.4

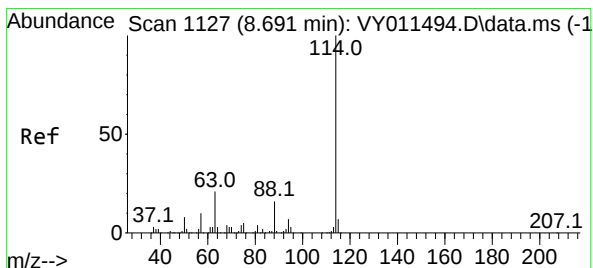
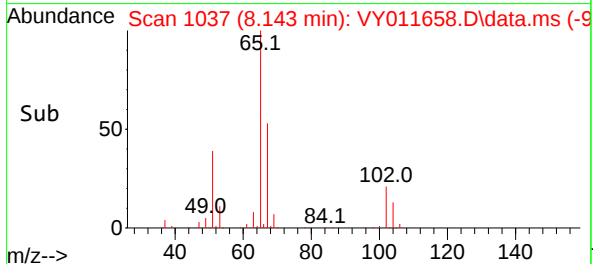
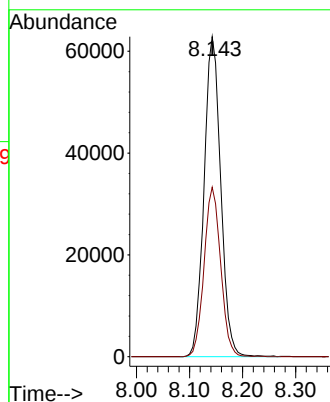
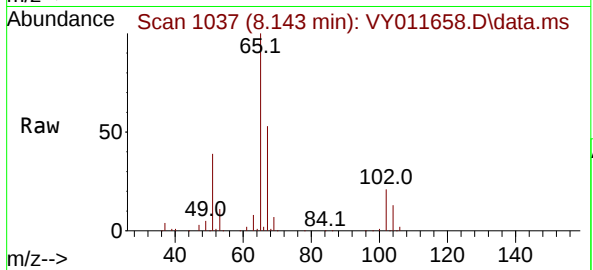




#33
 1,2-Dichloroethane-d4
 Concen: 63.512 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY011658.D
 Acq: 01 Dec 2022 13:29

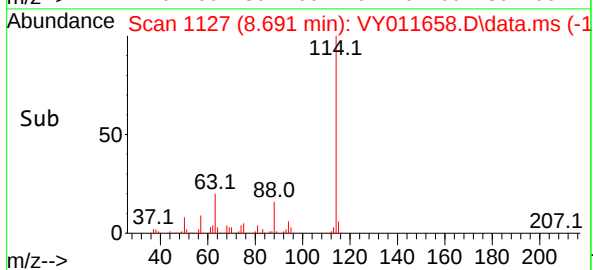
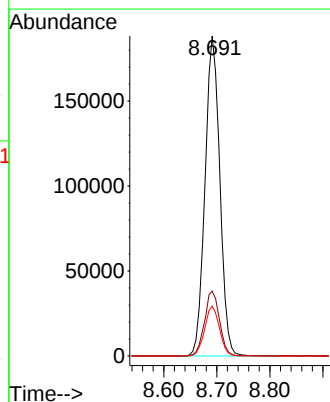
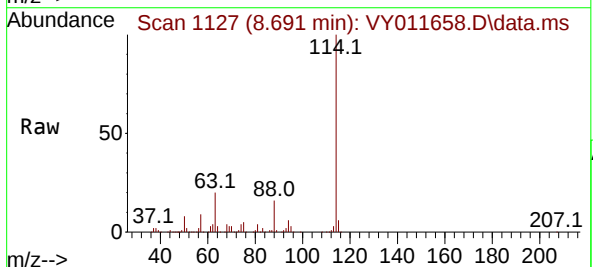
Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1

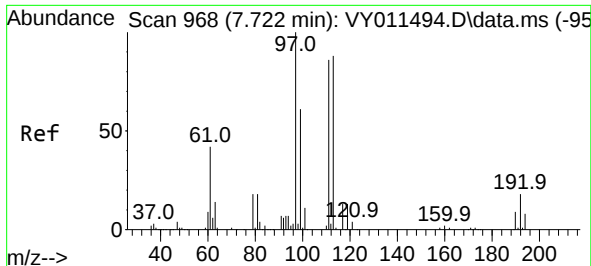
Tgt Ion: 65 Resp: 137005
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011658.D
 Acq: 01 Dec 2022 13:29

Tgt Ion: 114 Resp: 364301
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 15.6 0.0 31.8

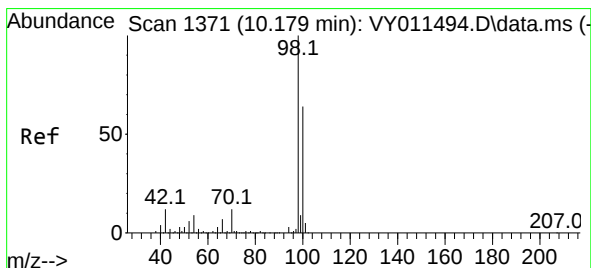
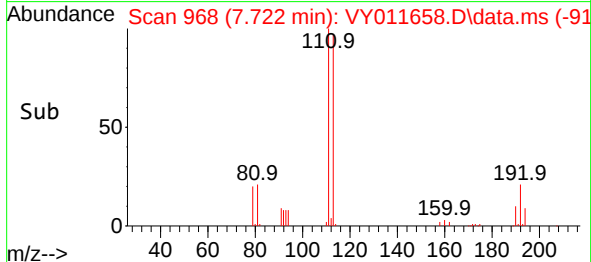
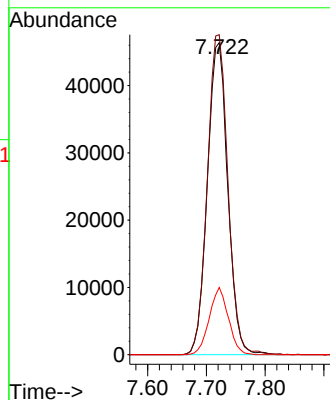
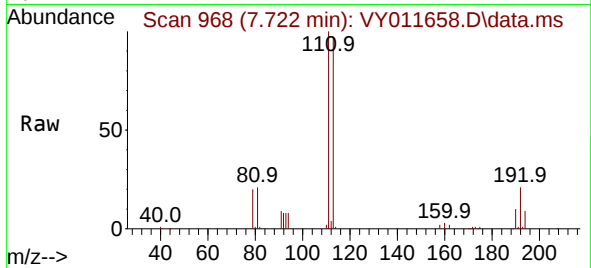




#35
Dibromofluoromethane
Concen: 49.839 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

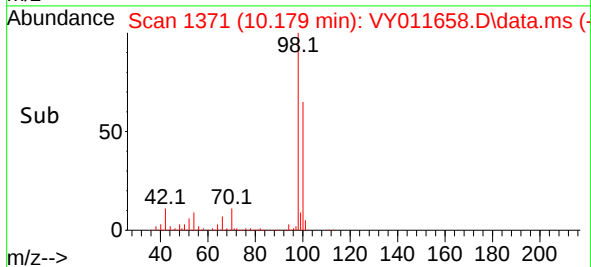
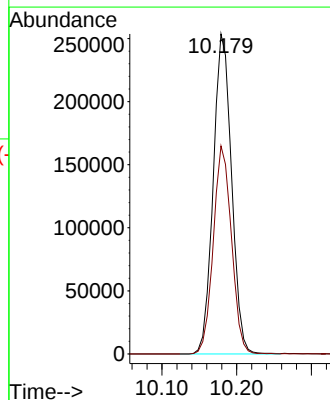
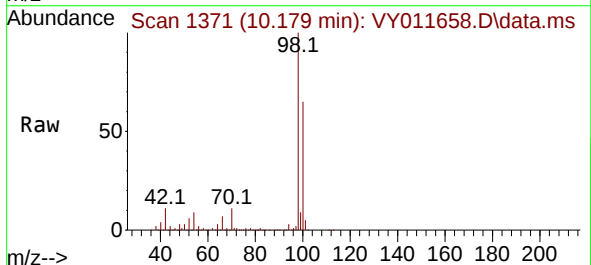
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

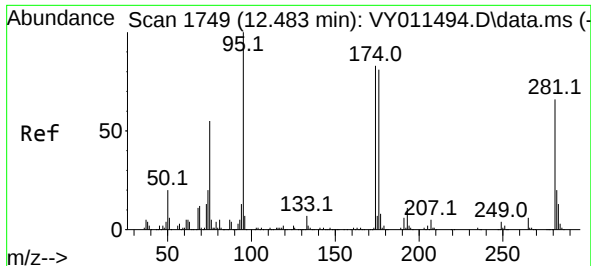
Tgt Ion:113 Resp: 111770
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 53.153 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Tgt Ion: 98 Resp: 433170
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

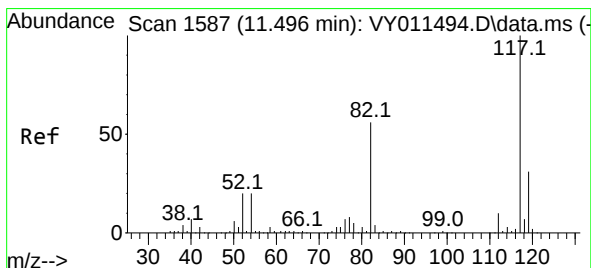
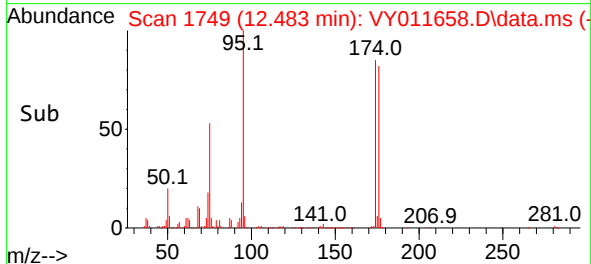
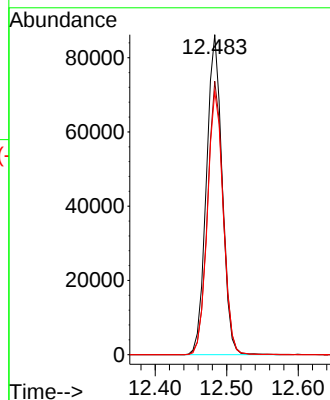
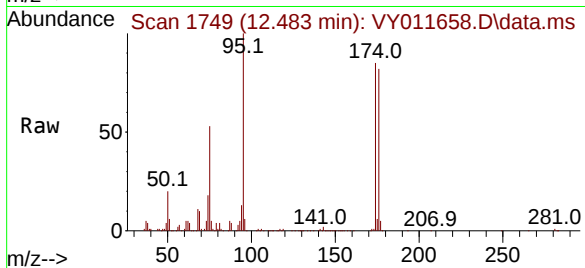




#62
4-Bromofluorobenzene
Concen: 43.483 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

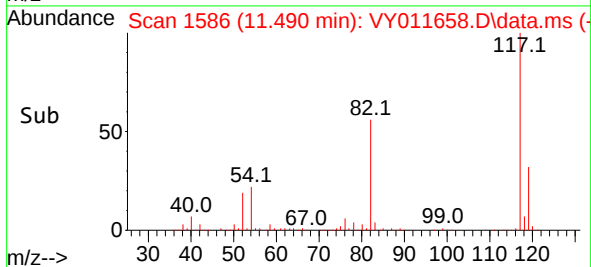
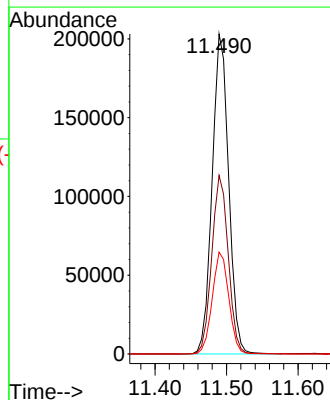
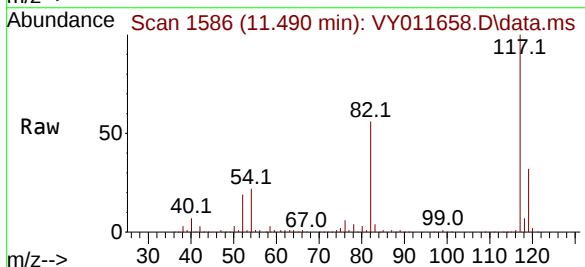
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

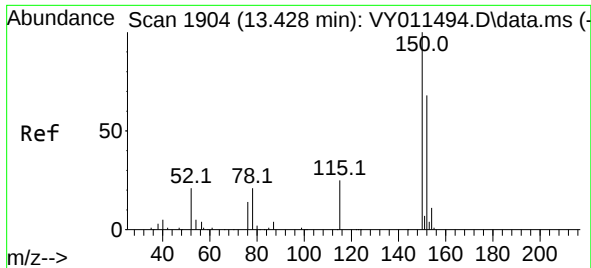
Tgt Ion: 95 Resp: 131019
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

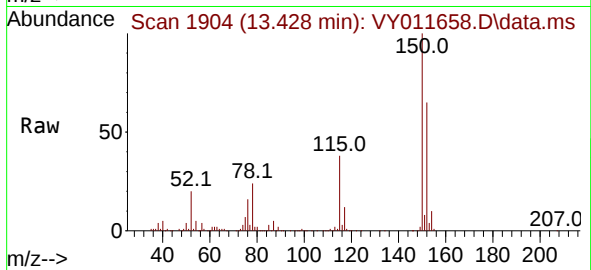
Tgt Ion: 117 Resp: 325003
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011658.D
 Acq: 01 Dec 2022 13:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1



Tgt Ion:	152	Resp:	139733
Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	155.6	0.0	347.6

