

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006332.D
 Acq On : 07 Oct 2021 15:30
 Operator : SY/MD
 Sample : M4131-01
 Misc : 4.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-04(NA)

Quant Time: Oct 08 07:11:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

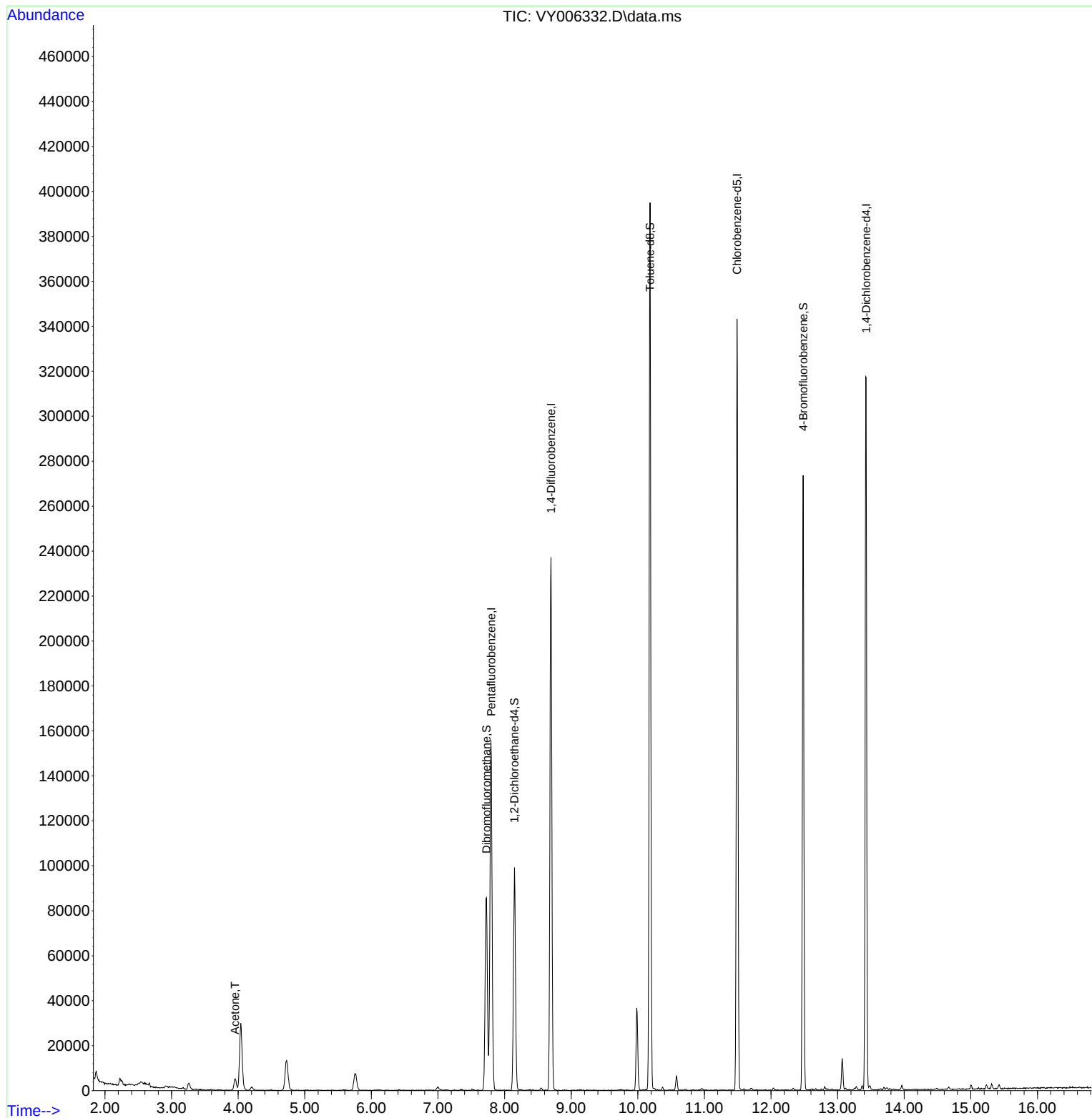
Internal Standards						
1) Pentafluorobenzene	7.801	168	120712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	195972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78156	60.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.980%
35) Dibromofluoromethane	7.728	113	58122	55.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.020%
50) Toluene-d8	10.185	98	248785	56.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.560%
62) 4-Bromofluorobenzene	12.483	95	74342	49.941	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.880%
Target Compounds						
16) Acetone	3.954	43	9216	25.540	ug/l	Qvalue 98

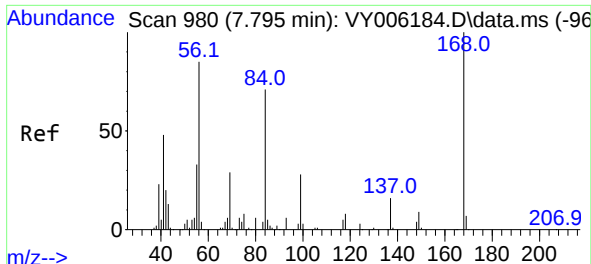
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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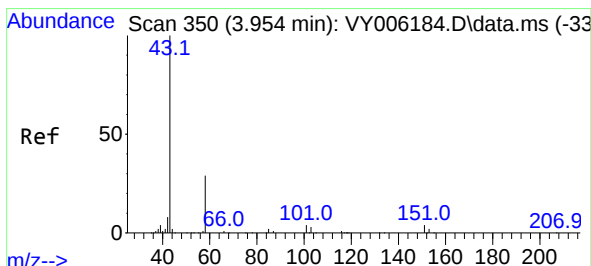
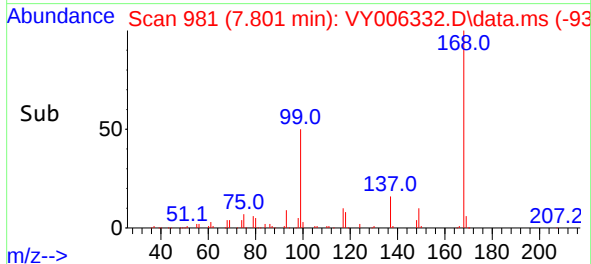
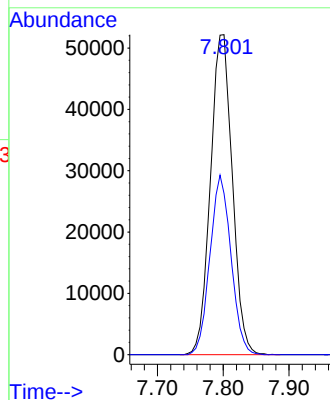
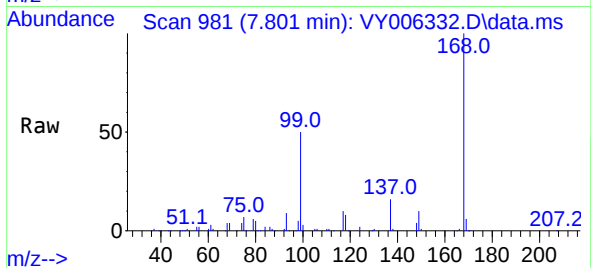




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

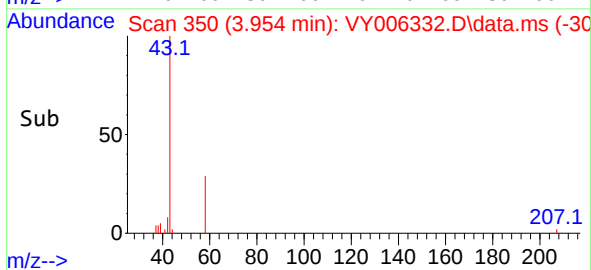
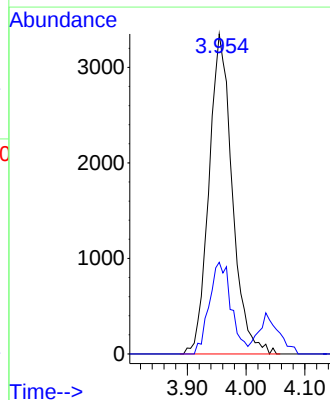
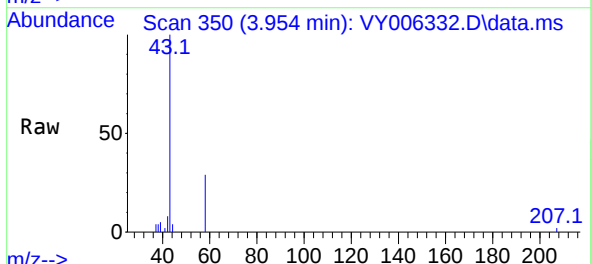
Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

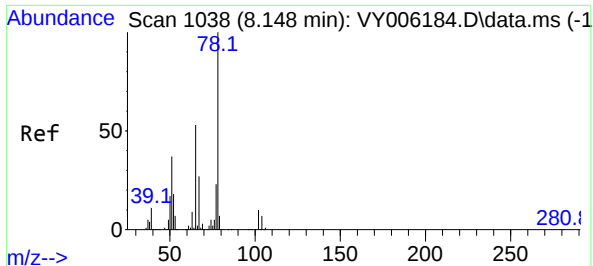
Tgt Ion:168 Resp: 120712
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#16
Acetone
Concen: 25.540 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Tgt Ion: 43 Resp: 9216
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0

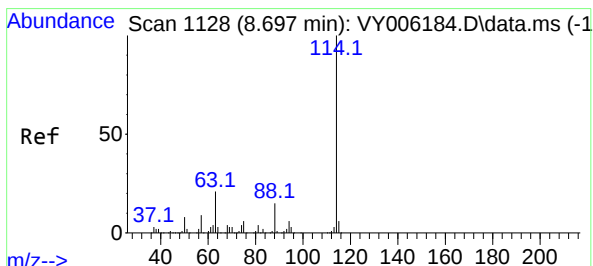
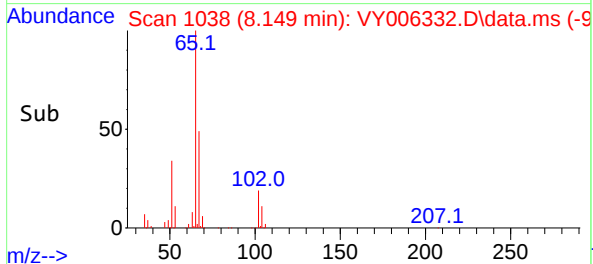
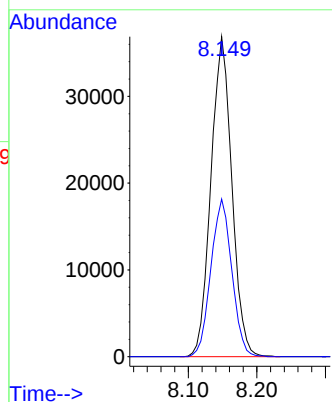
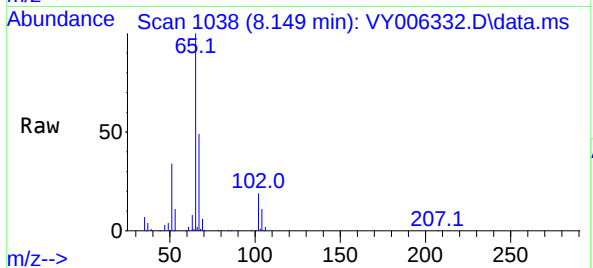




#33
1,2-Dichloroethane-d4
Concen: 60.494 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

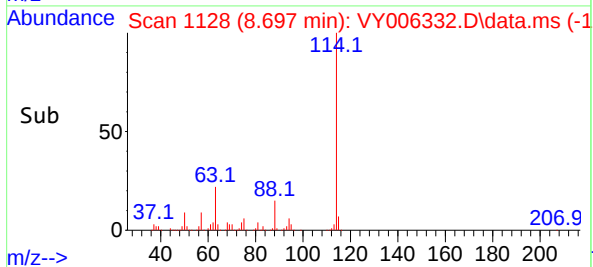
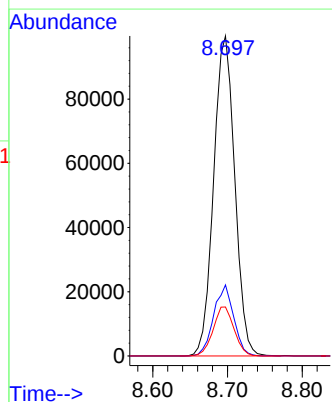
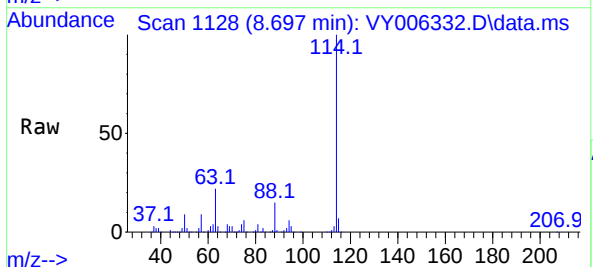
Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

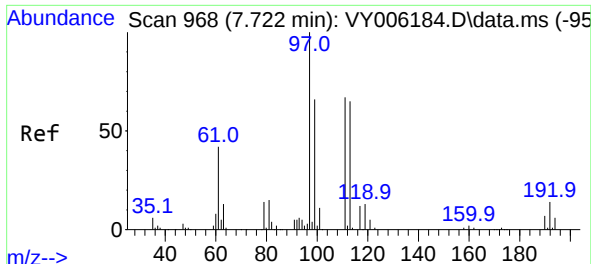
Tgt Ion: 65 Resp: 78156
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Tgt Ion:114 Resp: 195972
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 15.3 0.0 31.8

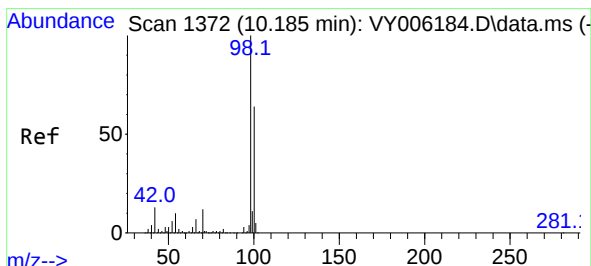
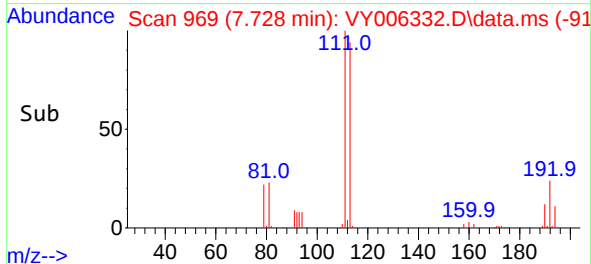
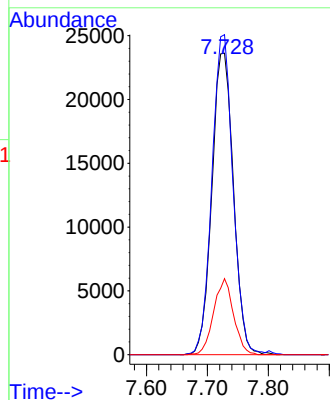
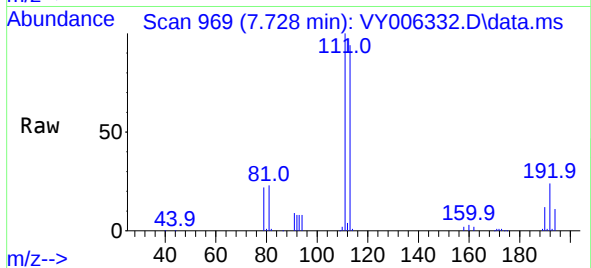




#35
Dibromofluoromethane
Concen: 55.513 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

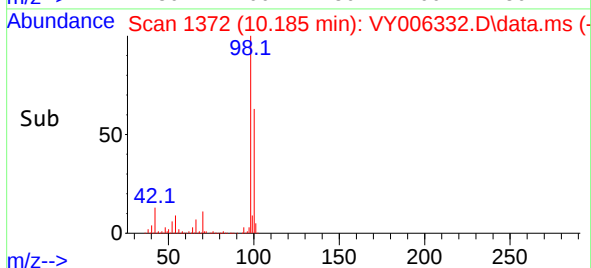
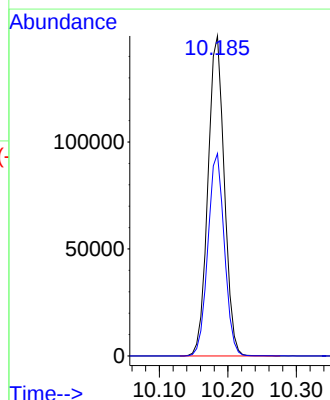
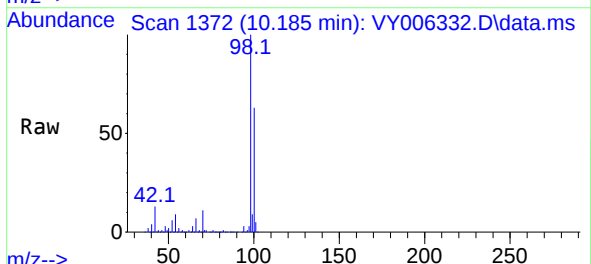
Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

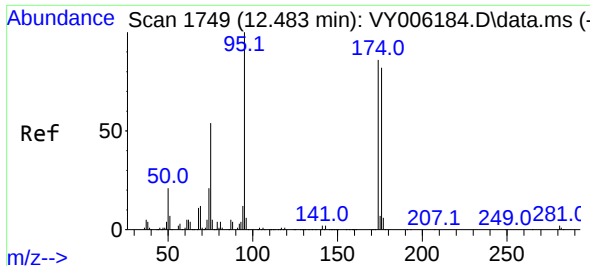
Tgt Ion:113 Resp: 58122
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 23.2 17.6 26.4



#50
Toluene-d8
Concen: 56.776 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Tgt Ion: 98 Resp: 248785
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



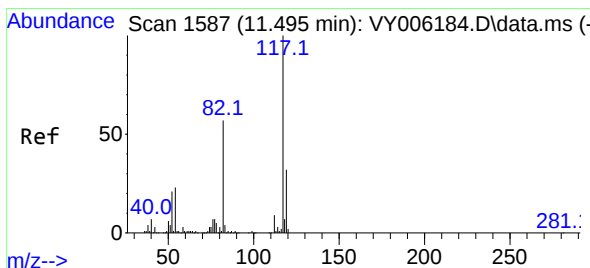
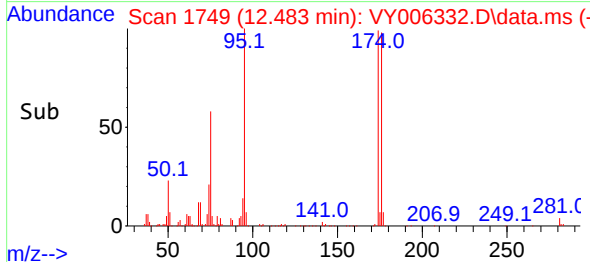
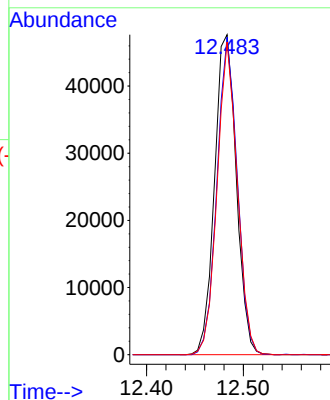
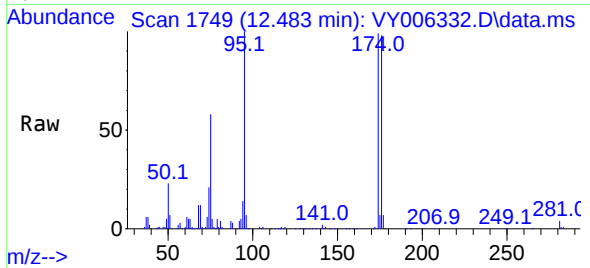


#62
4-Bromofluorobenzene
Concen: 49.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Instrument :
MSVOA_Y
ClientSampleId :
SS-04(NA)

Tgt Ion: 95 Resp: 74342

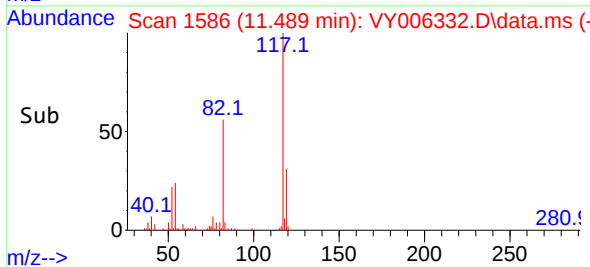
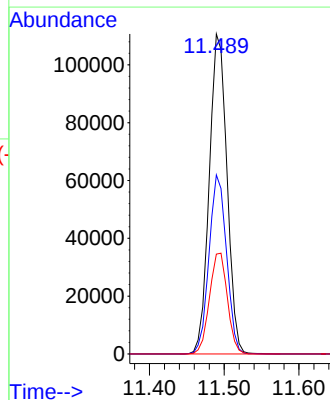
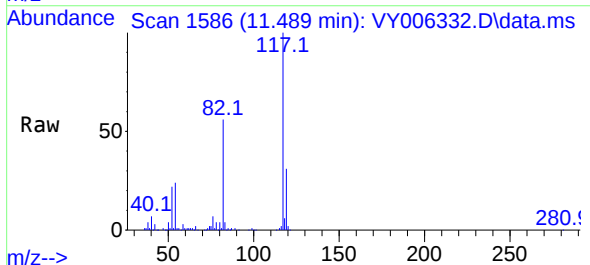
Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	177.0
176	90.6	0.0	175.8

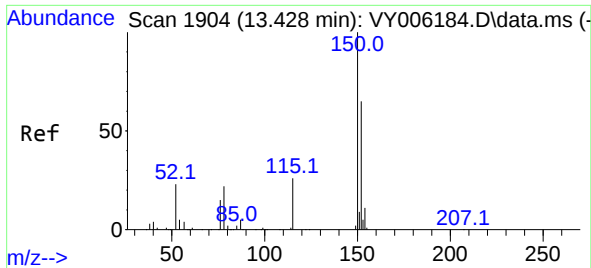


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006332.D
Acq: 07 Oct 2021 15:30

Tgt Ion: 117 Resp: 182108

Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.0	64.4
119	31.2	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: VY006332.D
 Acq: 07 Oct 2021 15:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-04(NA)

Tgt Ion:	152	Resp:	82176
Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.2	84.7
150	156.5	0.0	347.6

