

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005646.D
 Acq On : 13 Aug 2021 19:58
 Operator : SY/MD
 Sample : M3407-01
 Misc : 6.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 25N

Quant Time: Aug 14 03:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

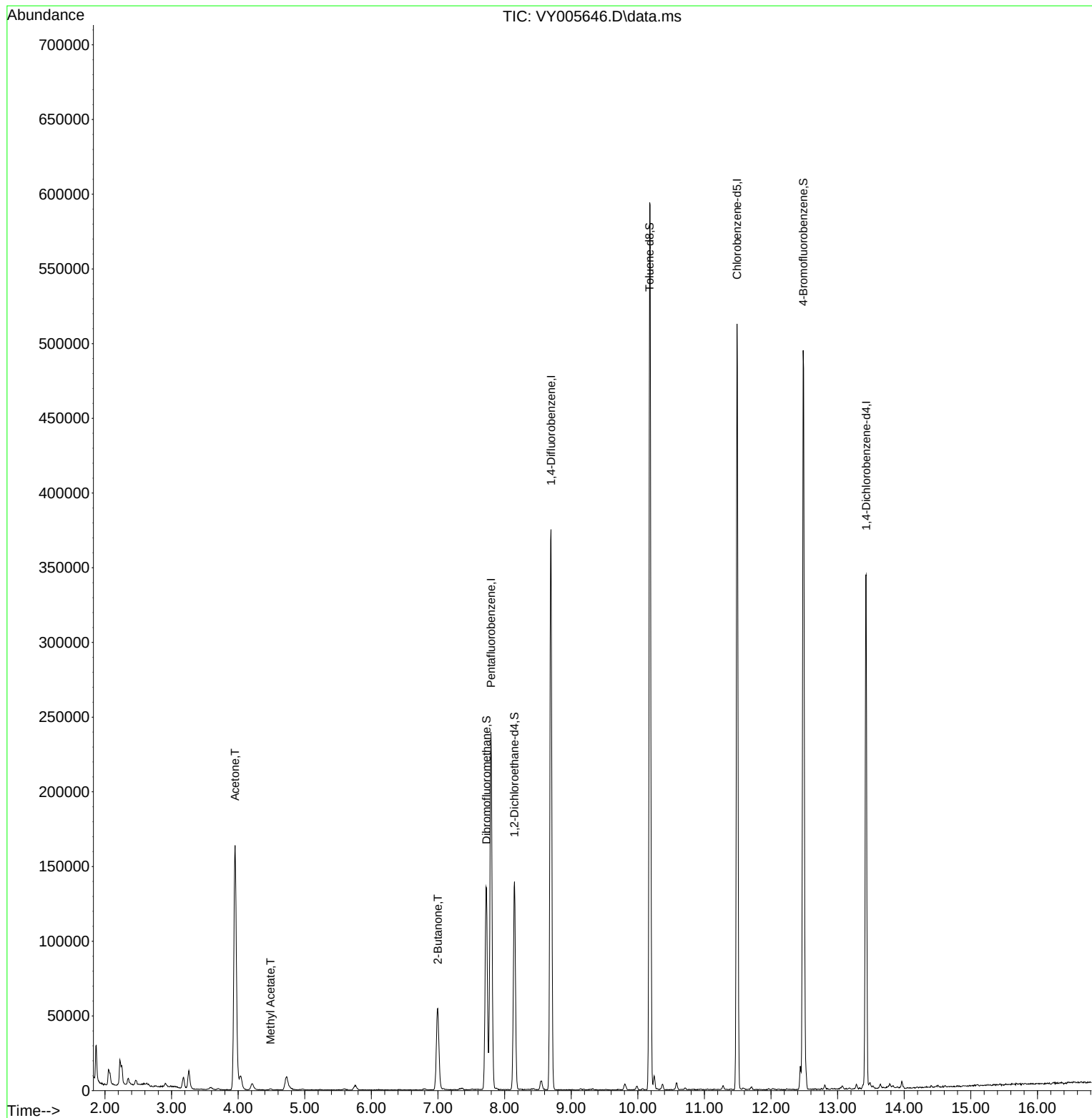
Internal Standards						
1) Pentafluorobenzene	7.795	168	191275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	270860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111886	57.787	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.580%			
35) Dibromofluoromethane	7.728	113	92927	52.851	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.700%			
50) Toluene-d8	10.179	98	387384	52.533	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.483	95	100678	41.229	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.460%			
Target Compounds						Qvalue
16) Acetone	3.954	43	286002	585.880	ug/l	97
18) Methyl Acetate	4.485	43	1411	1.105	ug/l	91
25) 2-Butanone	6.996	43	96192	133.305	ug/l	96

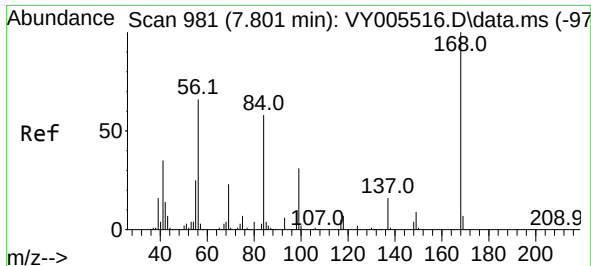
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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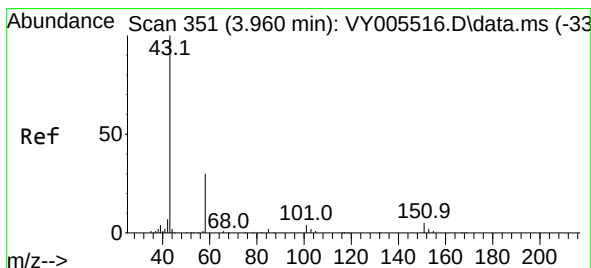
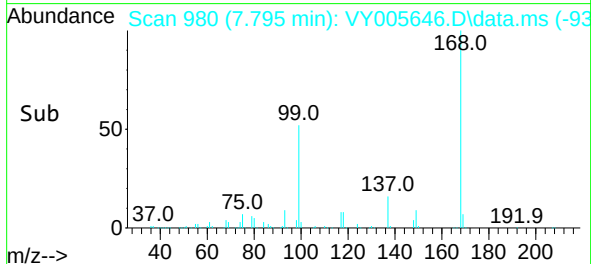
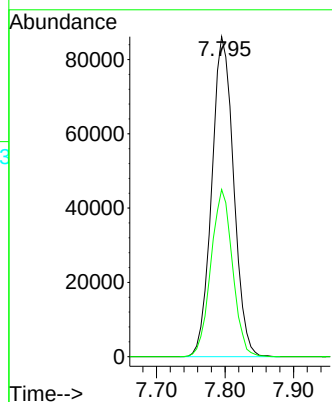
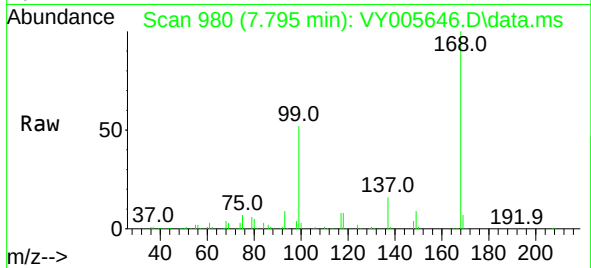




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

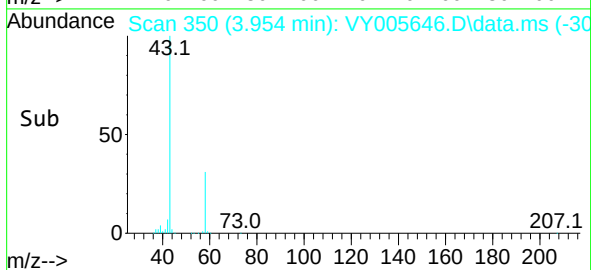
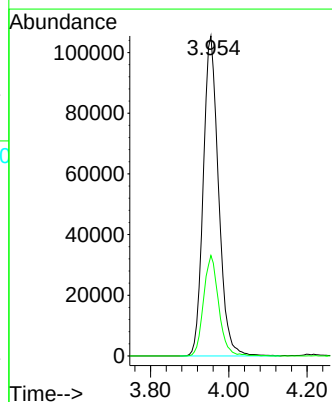
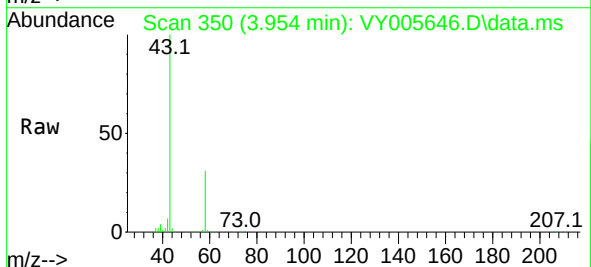
Instrument :
MSVOA_Y
ClientSampled :
25N

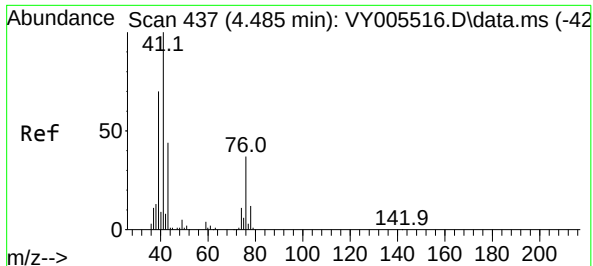
Tgt Ion:168 Resp: 191275
Ion Ratio Lower Upper
168 100
99 52.3 38.9 58.3



#16
Acetone
Concen: 585.880 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

Tgt Ion: 43 Resp: 286002
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.6

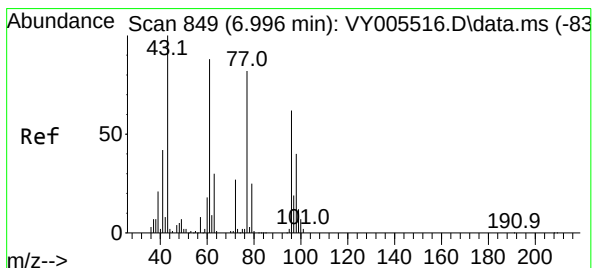
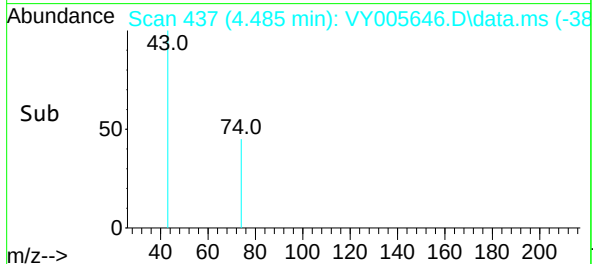
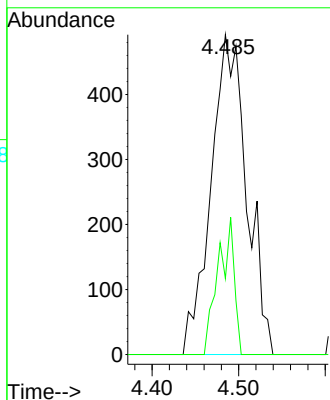
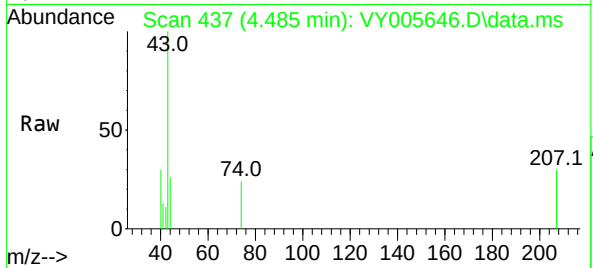




#18
Methyl Acetate
Concen: 1.105 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

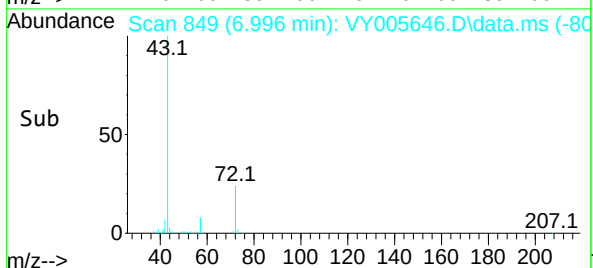
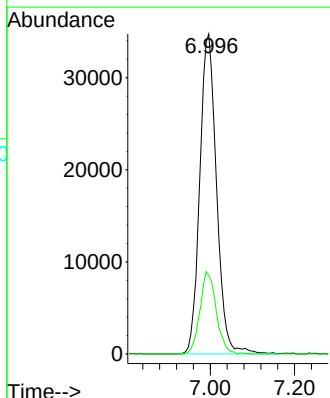
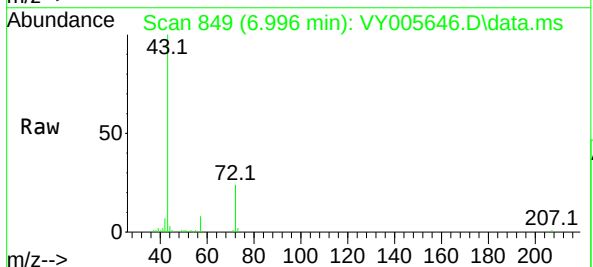
Instrument :
MSVOA_Y
ClientSampled :
25N

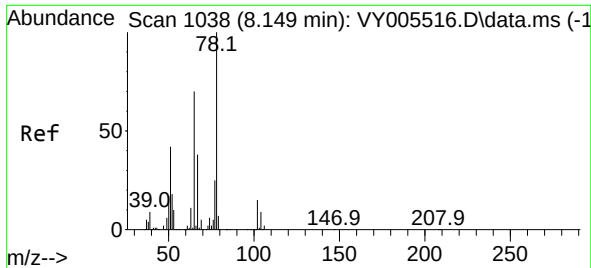
Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
74 19.3 19.0 28.6



#25
2-Butanone
Concen: 133.305 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

Tgt Ion: 43 Resp: 96192
Ion Ratio Lower Upper
43 100
72 24.5 21.4 32.2

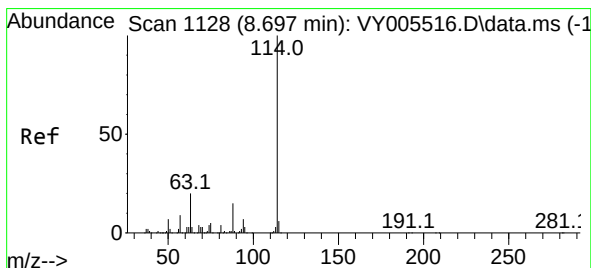
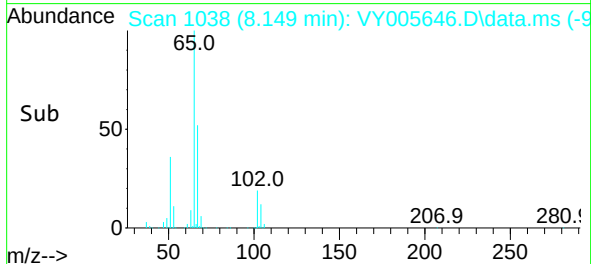
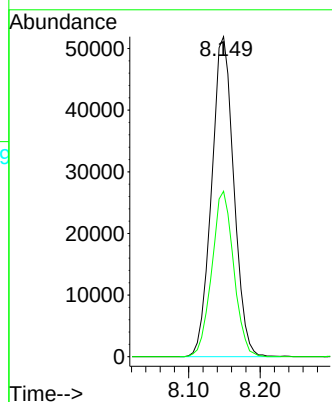
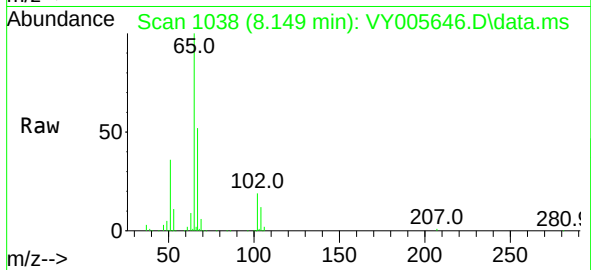




#33
1,2-Dichloroethane-d4
Concen: 57.787 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

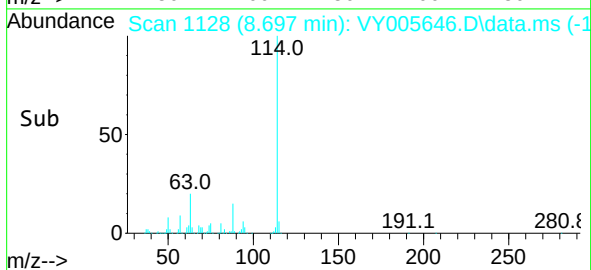
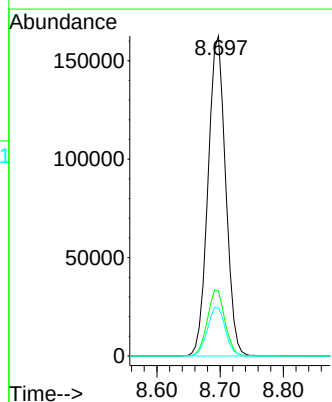
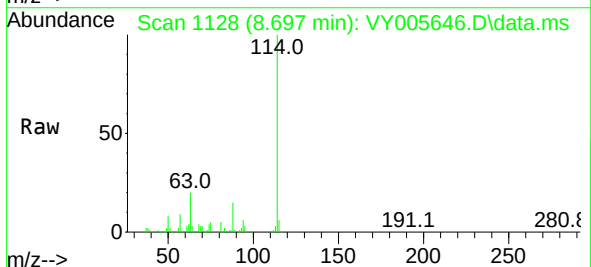
Instrument :
MSVOA_Y
ClientSampled :
25N

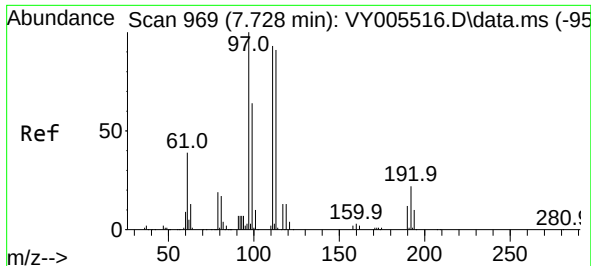
Tgt Ion: 65 Resp: 111886
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

Tgt Ion: 114 Resp: 314047
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.851 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005646.D

Acq: 13 Aug 2021 19:58

Instrument :

MSVOA_Y

ClientSampleId :

25N

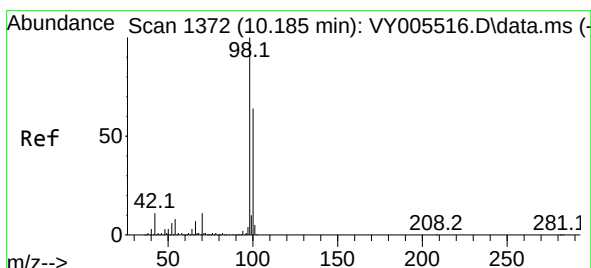
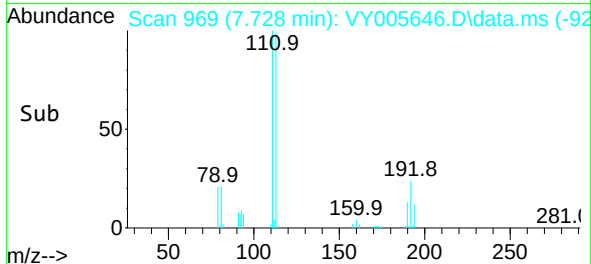
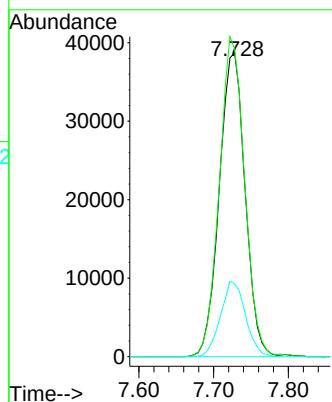
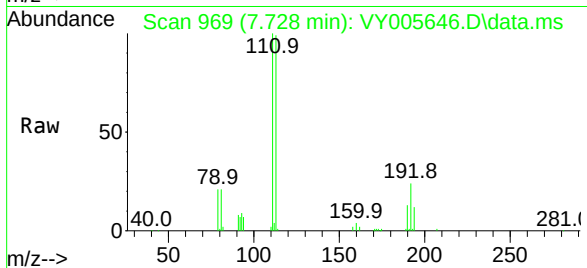
Tgt Ion:113 Resp: 92927

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 24.1 19.2 28.8



#50

Toluene-d8

Concen: 52.533 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY005646.D

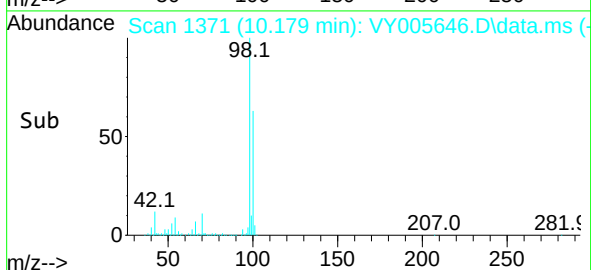
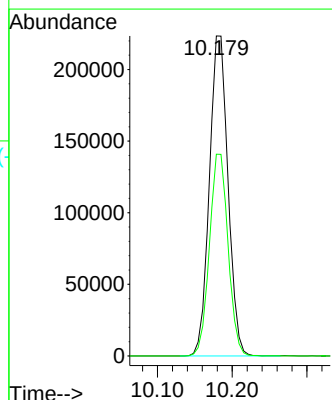
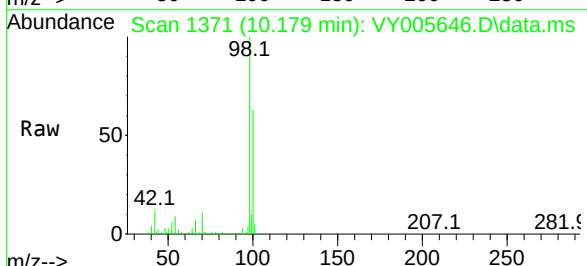
Acq: 13 Aug 2021 19:58

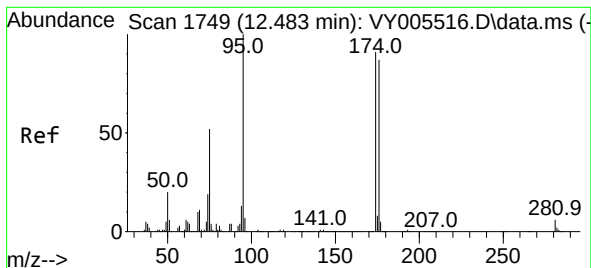
Tgt Ion: 98 Resp: 387384

Ion Ratio Lower Upper

98 100

100 63.1 51.3 76.9

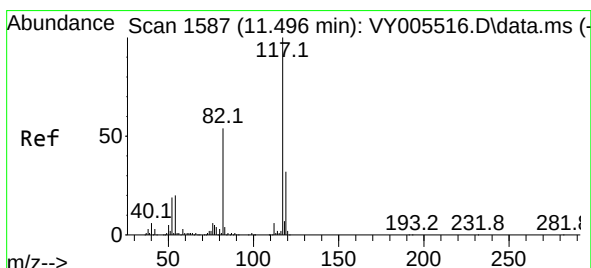
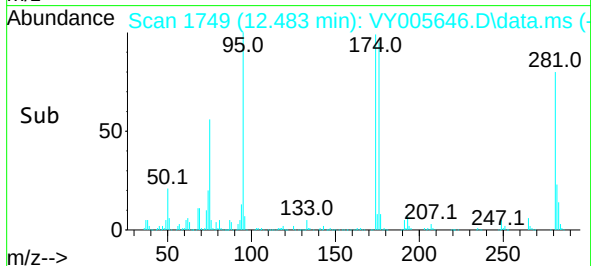
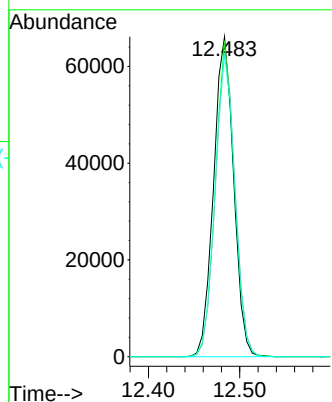
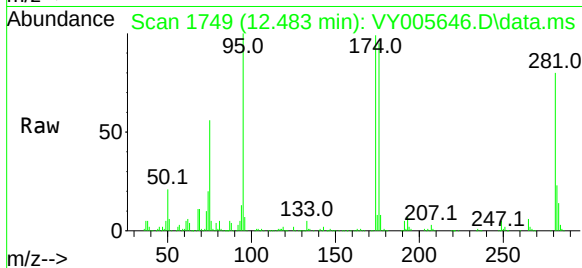




#62
4-Bromofluorobenzene
Concen: 41.229 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

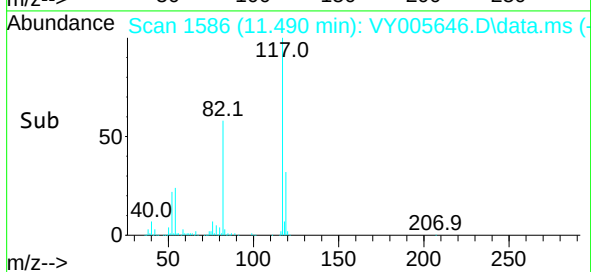
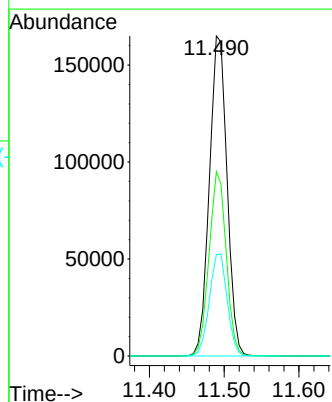
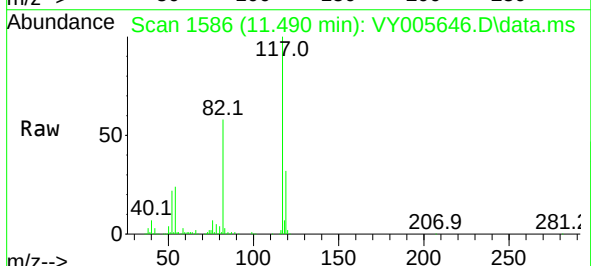
Instrument :
MSVOA_Y
ClientSampleId :
25N

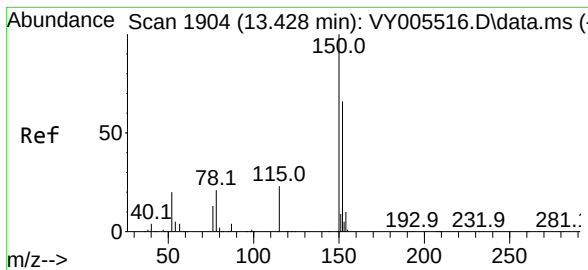
Tgt Ion: 95 Resp: 100678
Ion Ratio Lower Upper
95 100
174 94.9 0.0 191.4
176 93.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

Tgt Ion: 117 Resp: 270860
Ion Ratio Lower Upper
117 100
82 57.6 43.5 65.3
119 31.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005646.D
 Acq: 13 Aug 2021 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 25N

Tgt Ion:152 Resp: 91029
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.3 81.9
 150 156.3 0.0 350.2

