

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006225.D
 Acq On : 29 Sep 2021 19:57
 Operator : SY/MD
 Sample : M3987-01
 Misc : 4.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS02-NA

Quant Time: Sep 30 07:35:07 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)

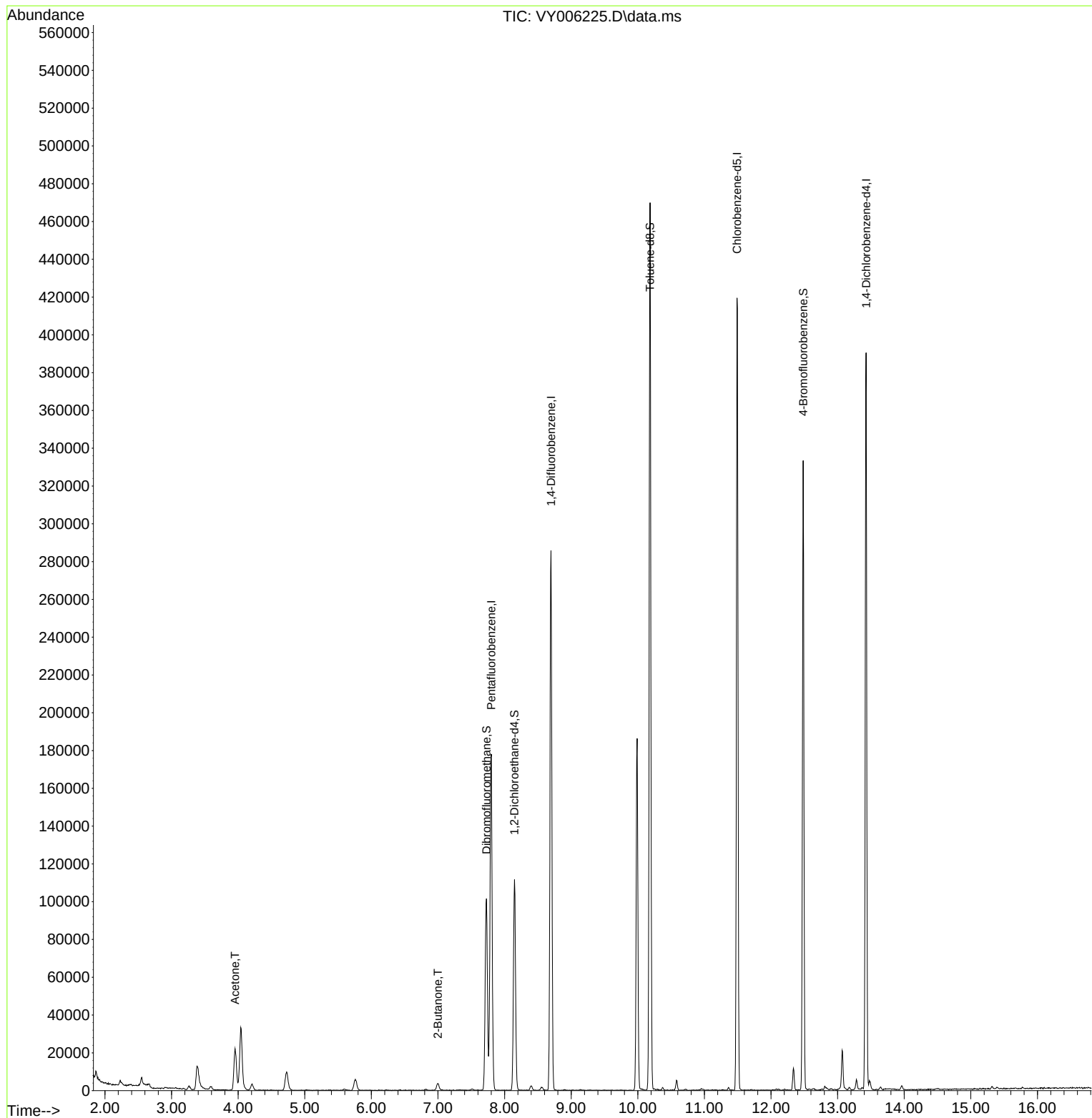
Internal Standards						
1) Pentafluorobenzene	7.801	168	138555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90997	61.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.720%	
35) Dibromofluoromethane	7.728	113	69700	55.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.360%	
50) Toluene-d8	10.185	98	298498	56.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.960%	
62) 4-Bromofluorobenzene	12.483	95	93102	52.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.620%	
Target Compounds						Qvalue
16) Acetone	3.954	43	39655	95.742	ug/l	94
25) 2-Butanone	6.996	43	6704	11.620	ug/l	97

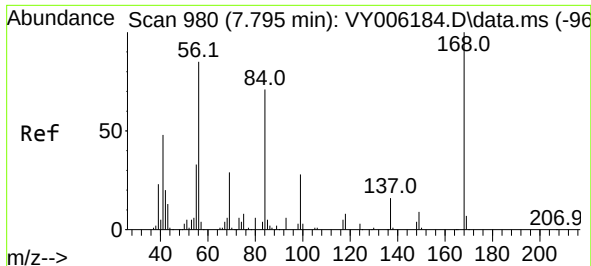
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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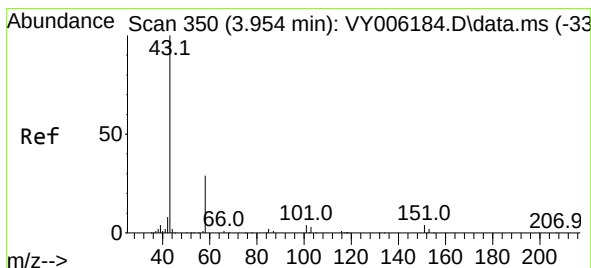
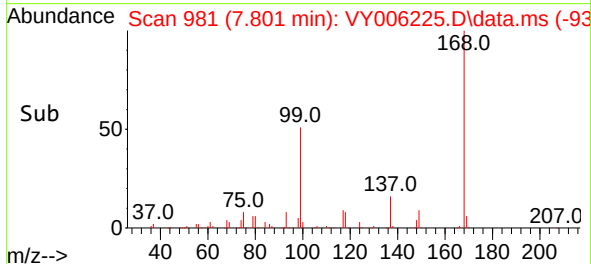
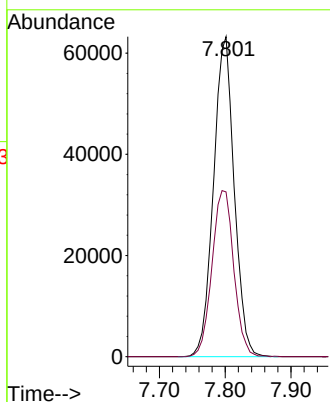
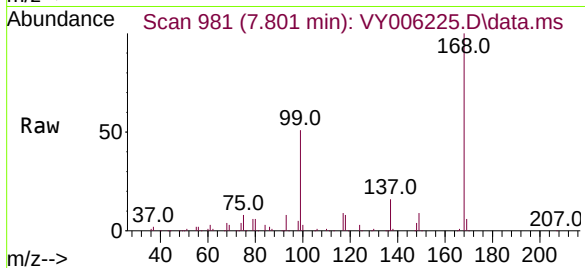




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

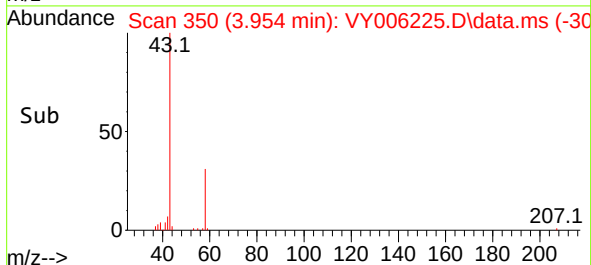
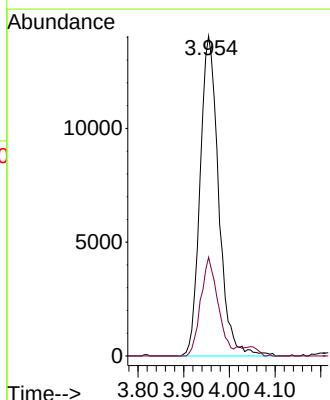
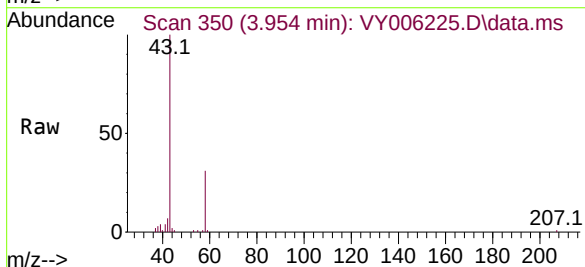
Instrument :
MSVOA_Y
ClientSampleId :
SS02-NA

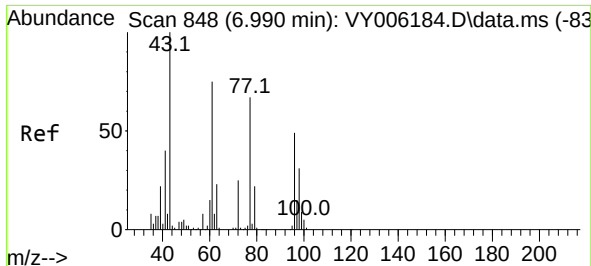
Tgt Ion:168 Resp: 138555
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#16
Acetone
Concen: 95.742 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

Tgt Ion: 43 Resp: 39655
Ion Ratio Lower Upper
43 100
58 30.9 22.0 33.0





#25

2-Butanone

Concen: 11.620 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006225.D

Acq: 29 Sep 2021 19:57

Instrument :

MSVOA_Y

ClientSampleId :

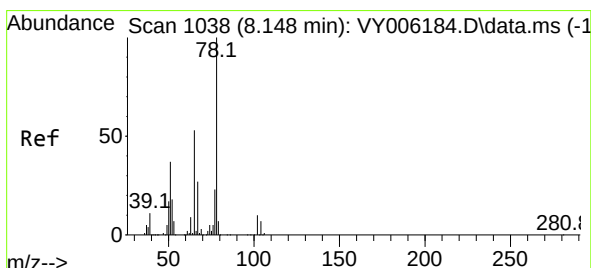
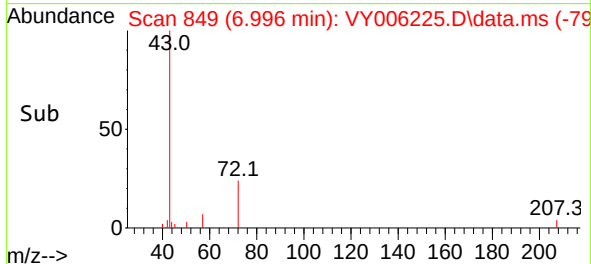
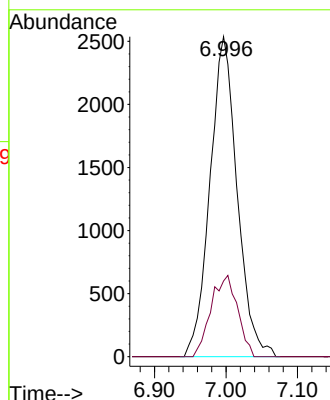
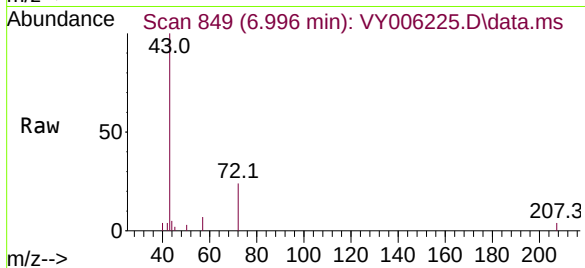
SS02-NA

Tgt Ion: 43 Resp: 6704

Ion Ratio Lower Upper

43 100

72 23.6 17.7 26.5



#33

1,2-Dichloroethane-d4

Concen: 61.362 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006225.D

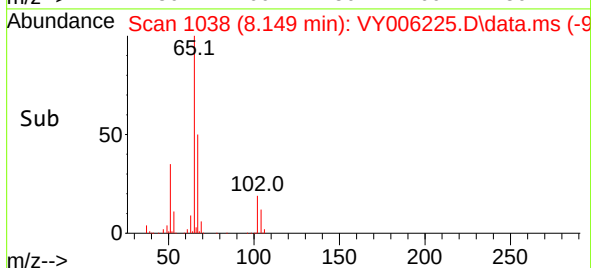
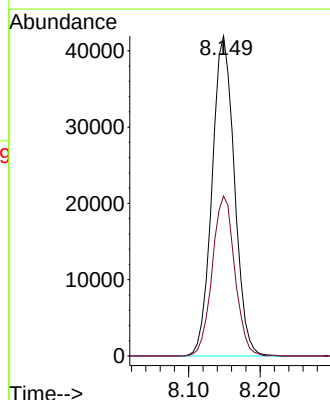
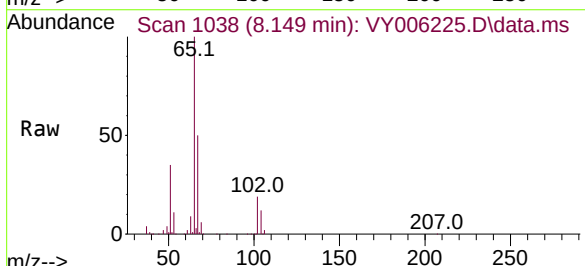
Acq: 29 Sep 2021 19:57

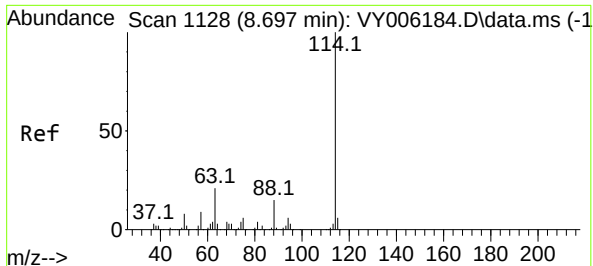
Tgt Ion: 65 Resp: 90997

Ion Ratio Lower Upper

65 100

67 50.4 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: VY006225.D

Acq: 29 Sep 2021 19:57

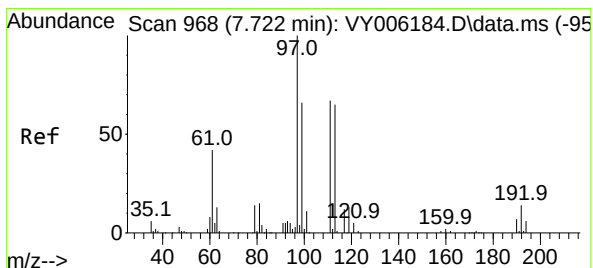
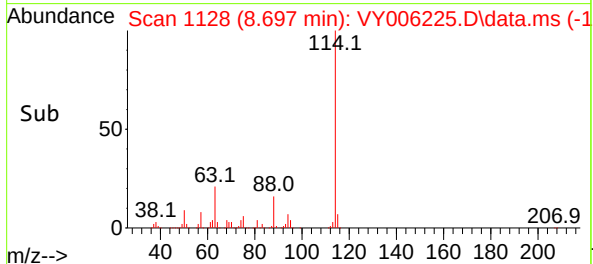
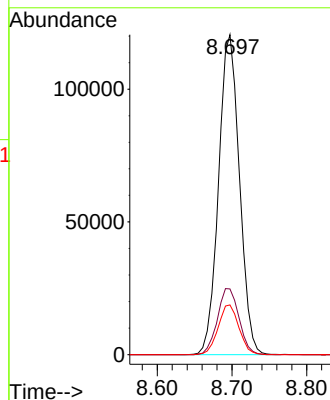
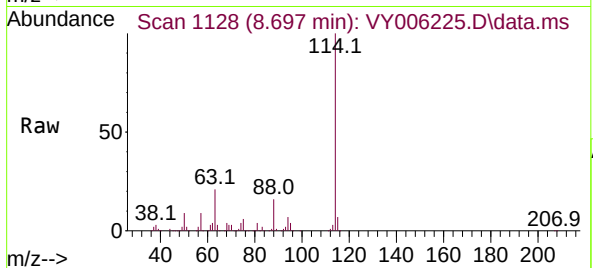
Tgt Ion:114 Resp: 234309

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.679 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006225.D

Acq: 29 Sep 2021 19:57

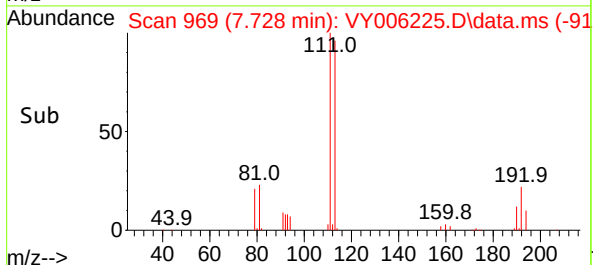
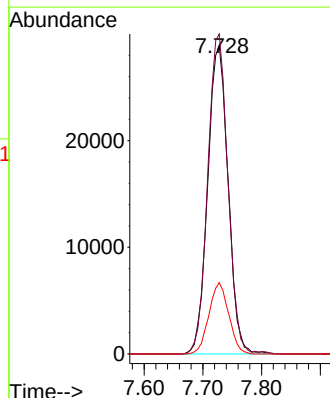
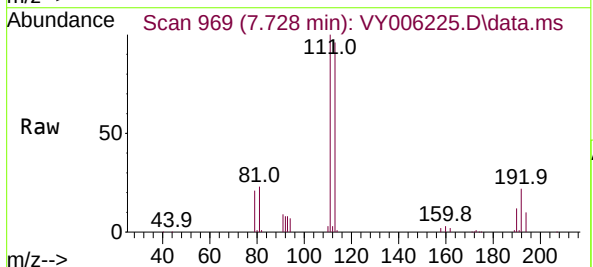
Tgt Ion:113 Resp: 69700

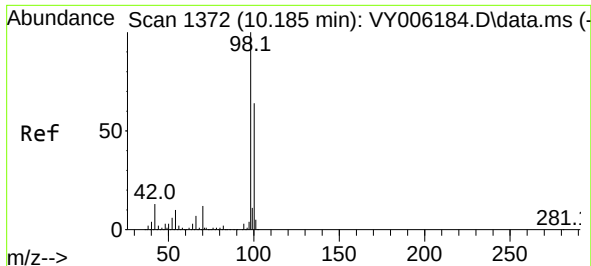
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 22.5 17.6 26.4

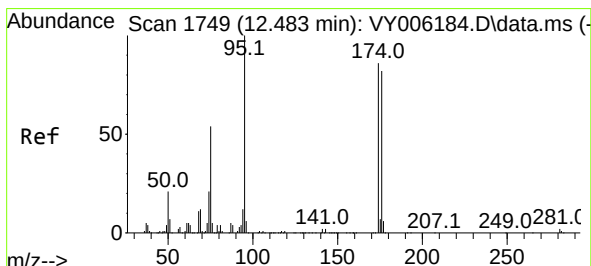
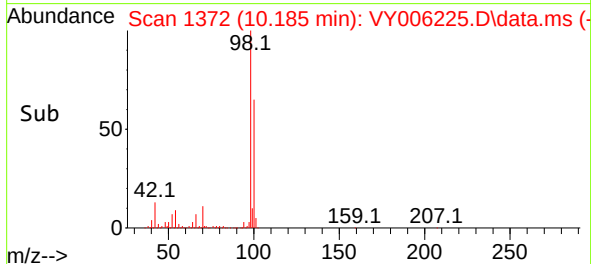
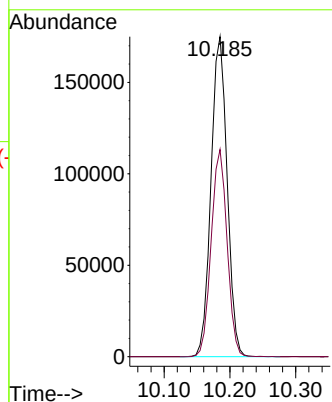
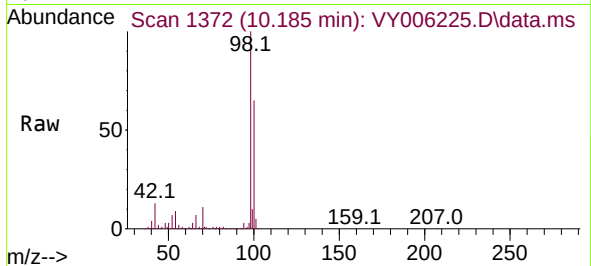




#50
Toluene-d8
Concen: 56.975 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

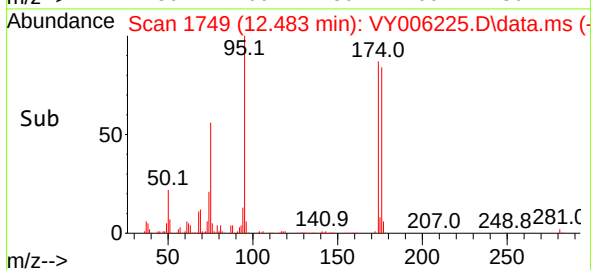
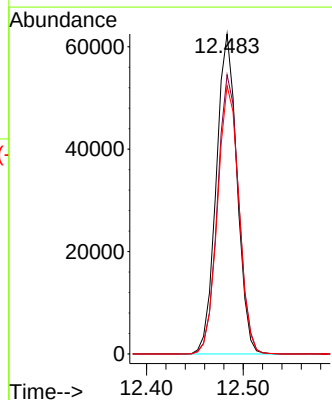
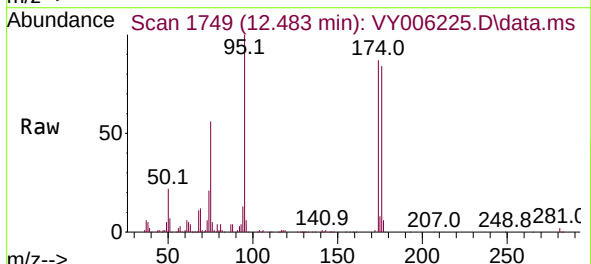
Instrument :
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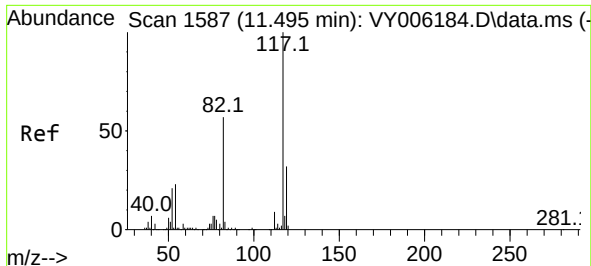
Tgt Ion: 98 Resp: 298498
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

Tgt Ion: 95 Resp: 93102
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 86.1 0.0 175.8

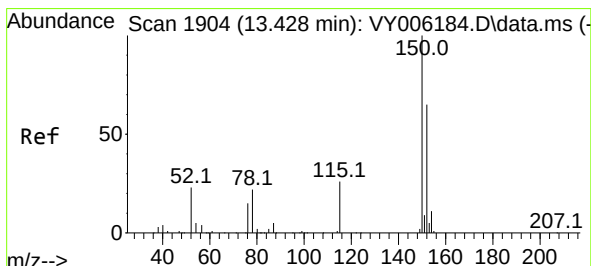
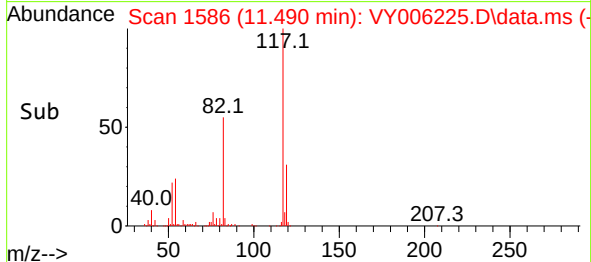
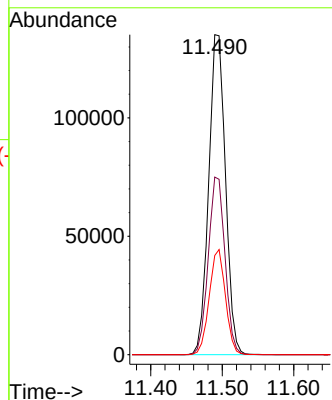
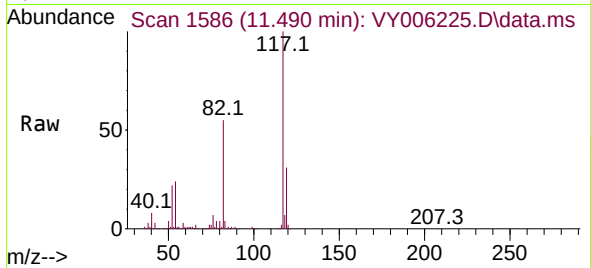




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

Instrument :
MSVOA_Y
ClientSampleId :
SS02-NA

Tgt Ion:	117	Resp:	220260
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.0	64.4
119	31.0	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: VY006225.D
Acq: 29 Sep 2021 19:57

Tgt Ion:	152	Resp:	99020
Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.2	84.7
150	155.9	0.0	347.6

