

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006053.D
 Acq On : 16 Sep 2021 17:15
 Operator : SY/MD
 Sample : M3762-01
 Misc : 6.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11934

Quant Time: Sep 17 02:46:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

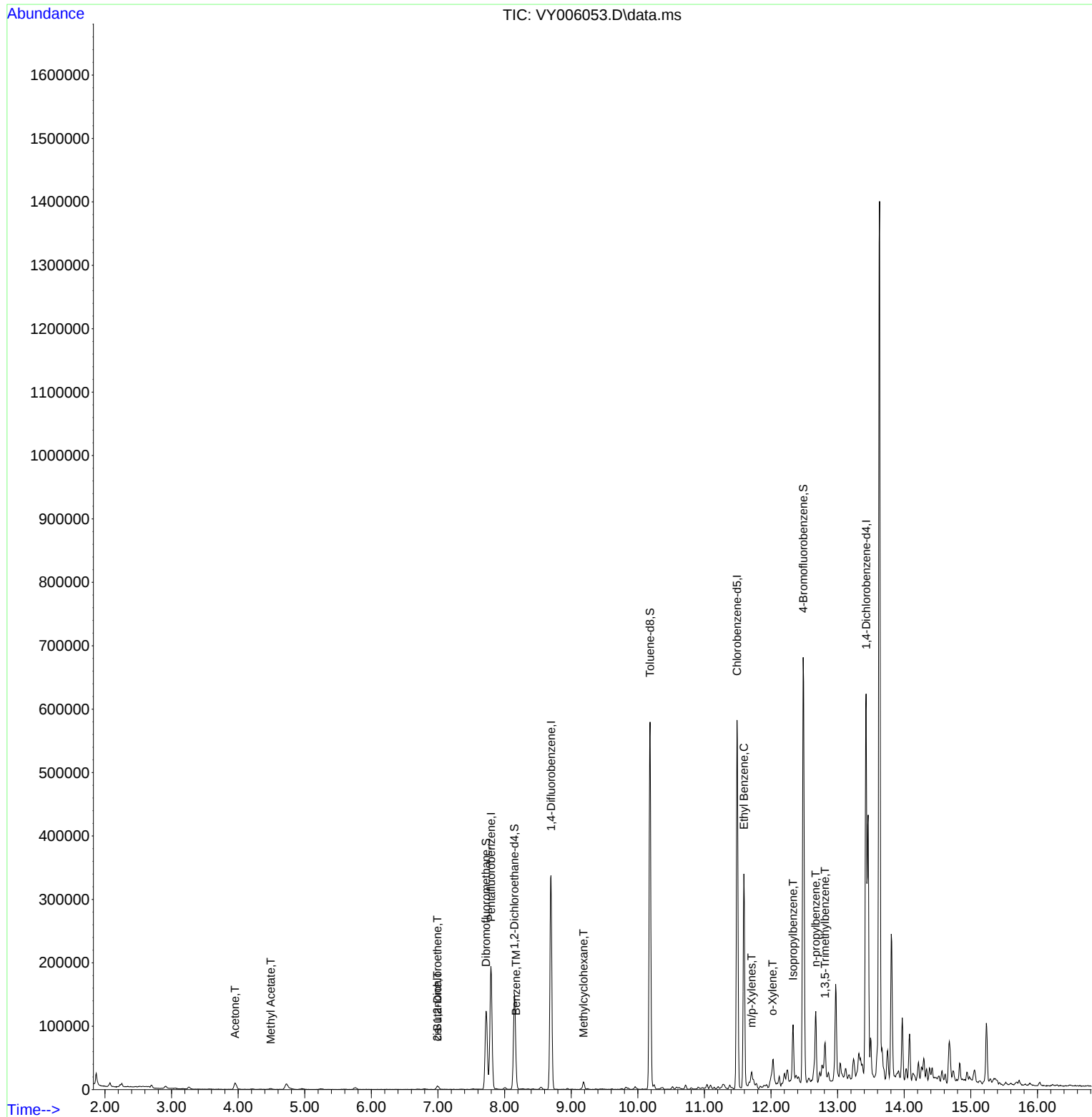
Internal Standards						
1) Pentafluorobenzene	7.795	168	142180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	270770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114856	58.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.320%	
35) Dibromofluoromethane	7.722	113	84062	49.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.960%	
50) Toluene-d8	10.185	98	359923	50.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.483	95	145573	59.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.640%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	16984	31.354	ug/l #	88
18) Methyl Acetate	4.491	43	2733	2.003	ug/l #	79
25) 2-Butanone	6.990	43	3767	5.046	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	2024	1.140	ug/l	77
39) Methylcyclohexane	9.185	83	4282	1.182	ug/l	95
40) Benzene	8.173	78	12780	1.525	ug/l	98
67) Ethyl Benzene	11.593	91	218967	18.426	ug/l	99
68) m/p-Xylenes	11.709	106	5555	1.233	ug/l	98
69) o-Xylene	12.026	106	9219	2.166	ug/l	99
73) Isopropylbenzene	12.331	105	52617	4.565	ug/l	99
78) n-propylbenzene	12.672	91	82530	5.787	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	15667	1.639	ug/l	99

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

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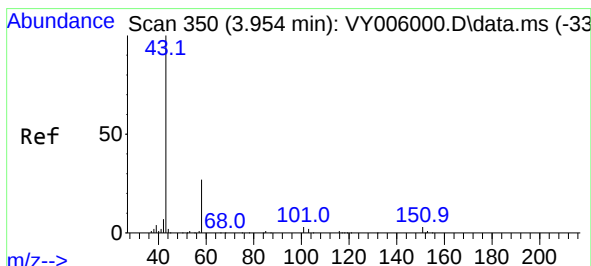
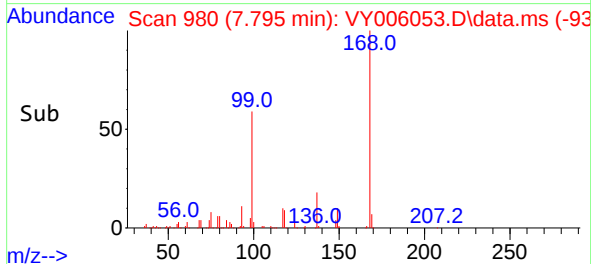
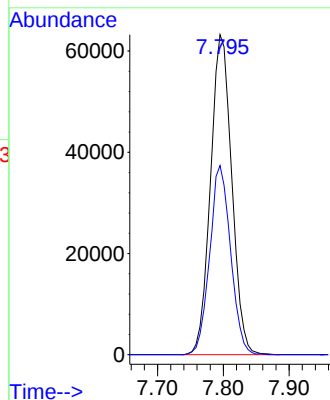
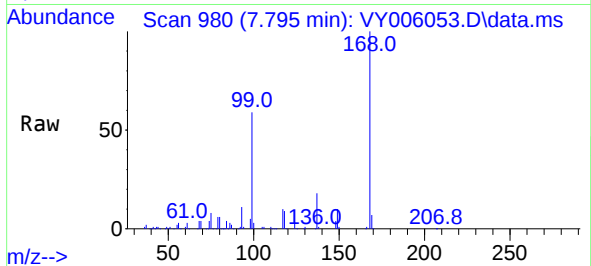




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

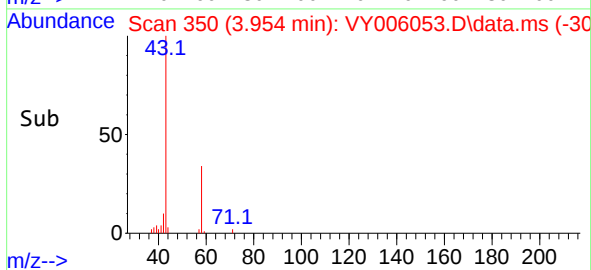
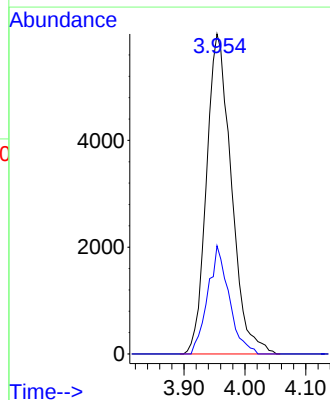
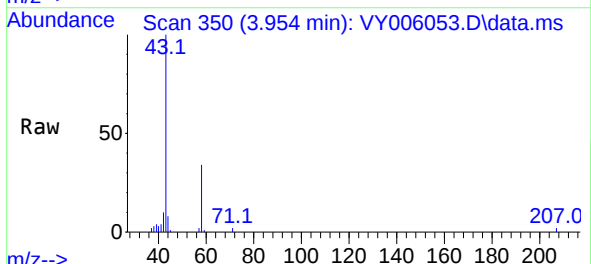
Instrument :
MSVOA_Y
ClientSampleId :
11934

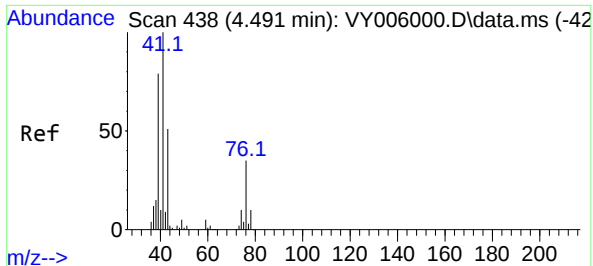
Tgt Ion:168 Resp: 142180
Ion Ratio Lower Upper
168 100
99 59.1 46.9 70.3



#16
Acetone
Concen: 31.354 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

Tgt Ion: 43 Resp: 16984
Ion Ratio Lower Upper
43 100
58 33.8 22.0 33.0#





#18

Methyl Acetate

Concen: 2.003 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY006053.D

Acq: 16 Sep 2021 17:15

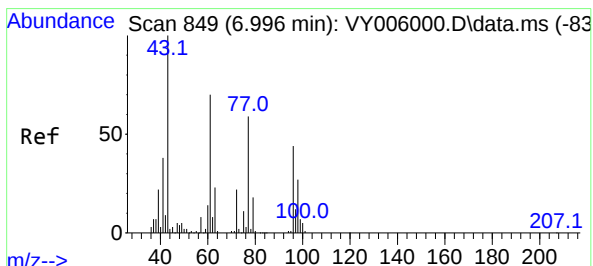
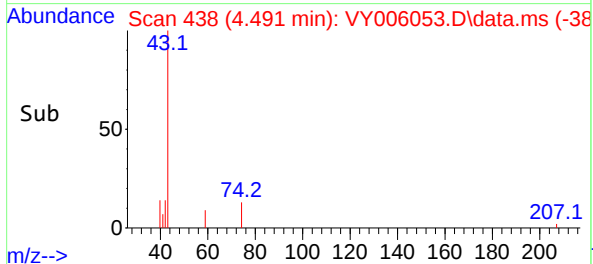
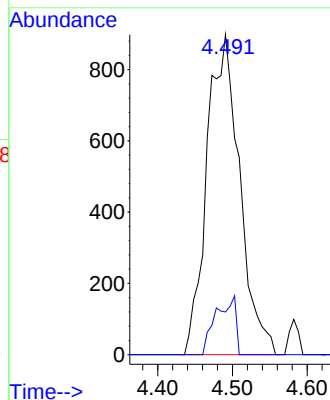
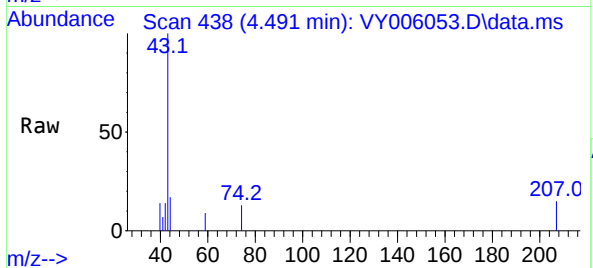
Instrument :
MSVOA_Y
ClientSampleId :
11934

Tgt Ion: 43 Resp: 2733

Ion Ratio Lower Upper

43 100

74 11.0 16.6 24.8#



#25

2-Butanone

Concen: 5.046 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006053.D

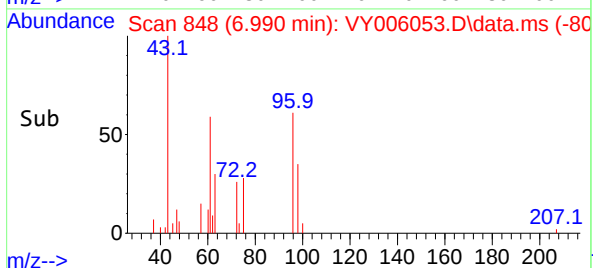
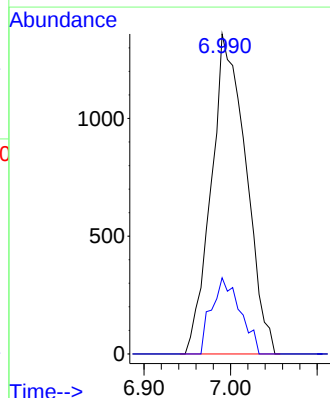
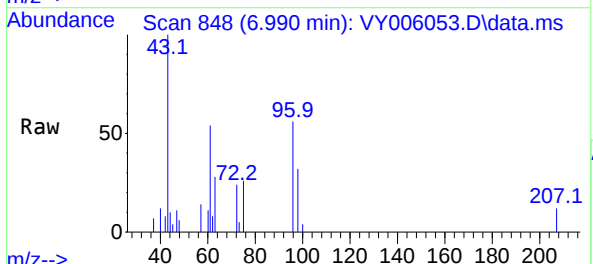
Acq: 16 Sep 2021 17:15

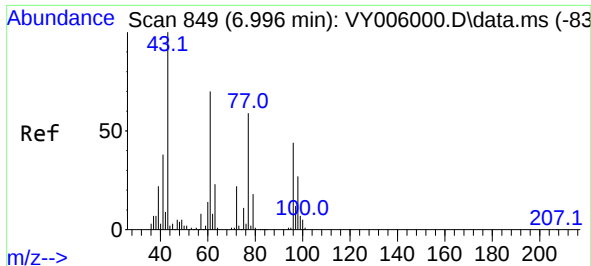
Tgt Ion: 43 Resp: 3767

Ion Ratio Lower Upper

43 100

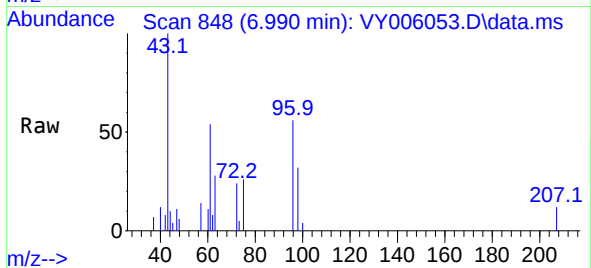
72 23.8 17.7 26.5



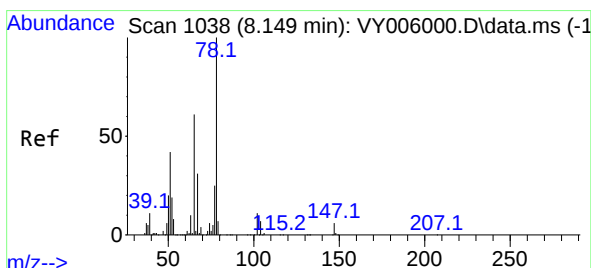
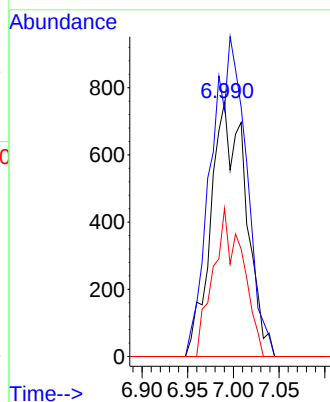
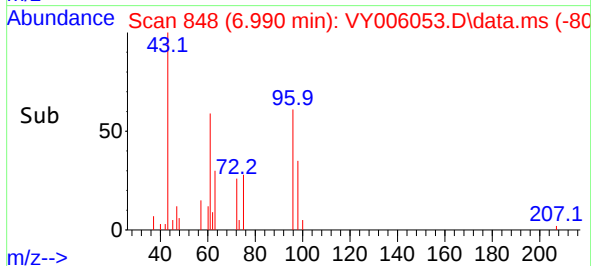


#27
cis-1,2-Dichloroethene
Concen: 1.140 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

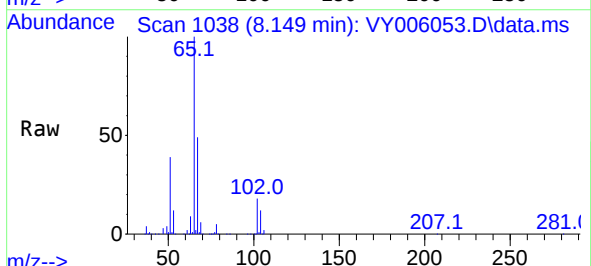
Instrument :
MSVOA_Y
ClientSampleId :
11934



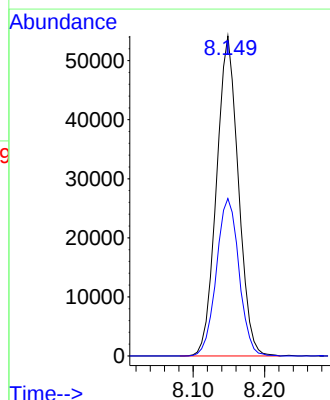
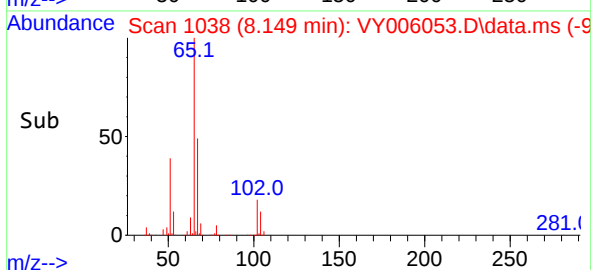
Tgt Ion: 96 Resp: 2024
Ion Ratio Lower Upper
96 100
61 127.0 0.0 319.8
98 48.8 0.0 127.0

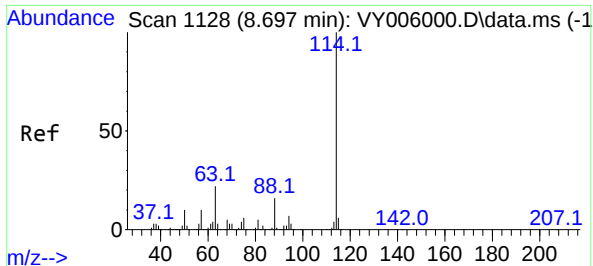


#33
1,2-Dichloroethane-d4
Concen: 58.156 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15



Tgt Ion: 65 Resp: 114856
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.4



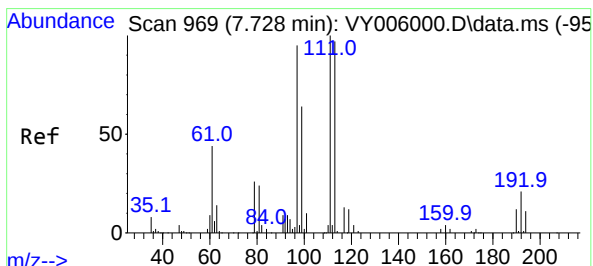
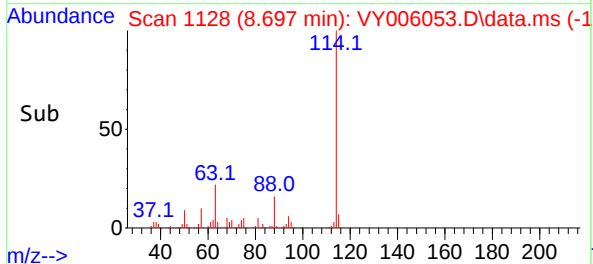
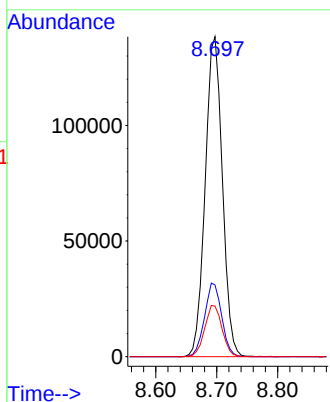
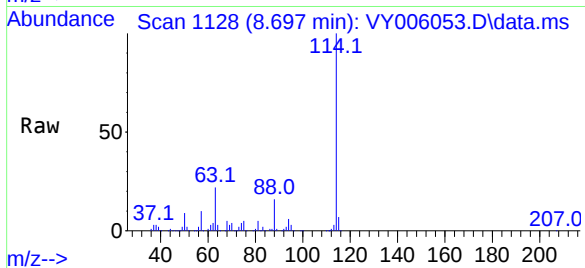


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

Instrument :
MSVOA_Y
ClientSampled :
11934

Tgt Ion:114 Resp: 270770

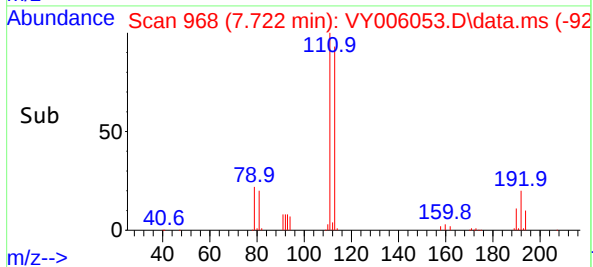
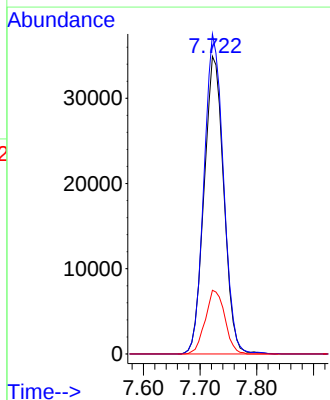
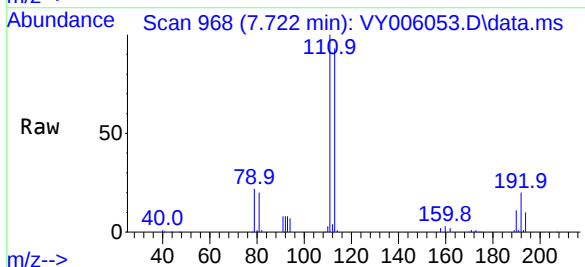
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.2
88	15.8	0.0	31.8

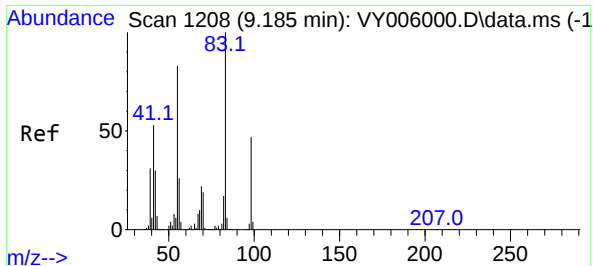


#35
Dibromofluoromethane
Concen: 49.983 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

Tgt Ion:113 Resp: 84062

Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.6	124.0
192	21.3	17.6	26.4





#39

Methylcyclohexane

Concen: 1.182 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY006053.D

Acq: 16 Sep 2021 17:15

Instrument :

MSVOA_Y

ClientSampleId :

11934

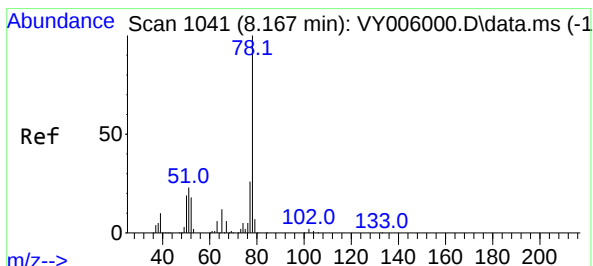
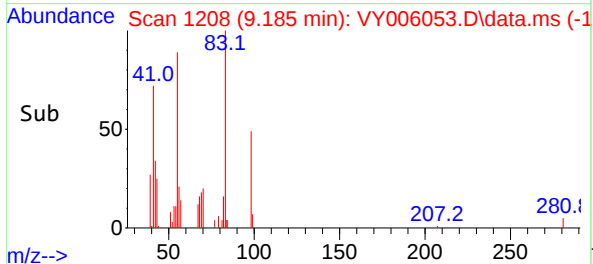
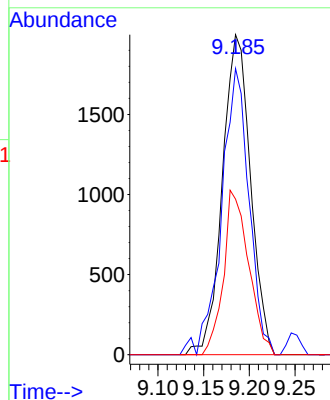
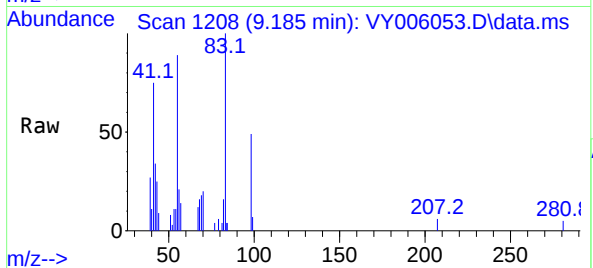
Tgt Ion: 83 Resp: 4282

Ion Ratio Lower Upper

83 100

55 89.4 66.5 99.7

98 48.6 37.9 56.9



#40

Benzene

Concen: 1.525 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY006053.D

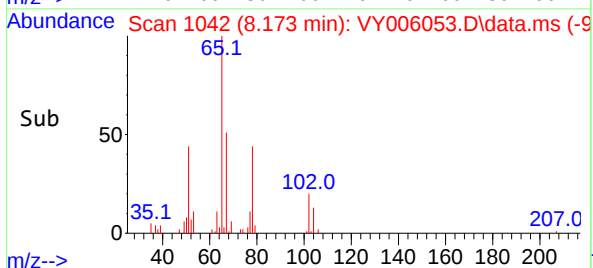
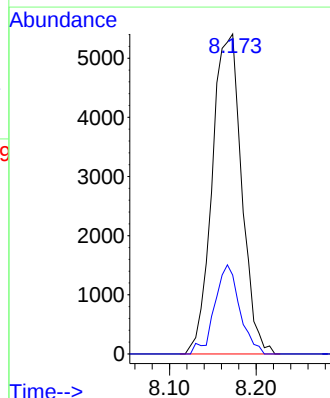
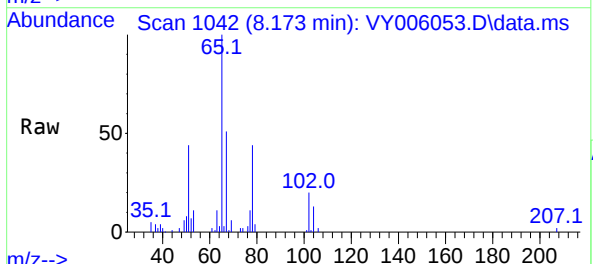
Acq: 16 Sep 2021 17:15

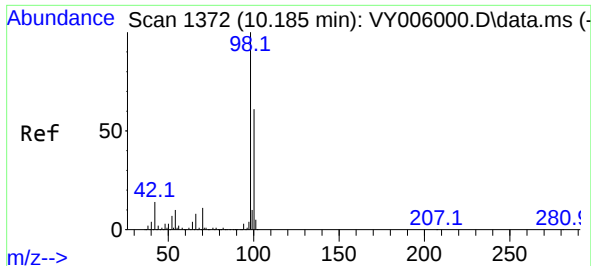
Tgt Ion: 78 Resp: 12780

Ion Ratio Lower Upper

78 100

77 24.7 20.4 30.6

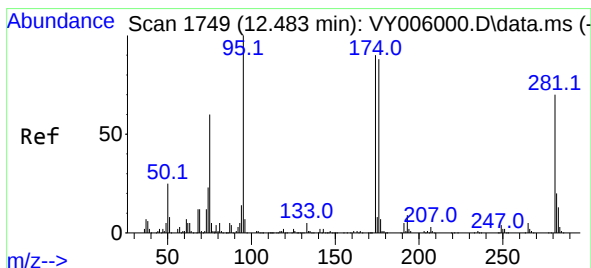
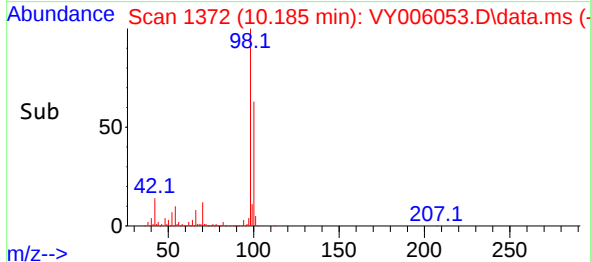
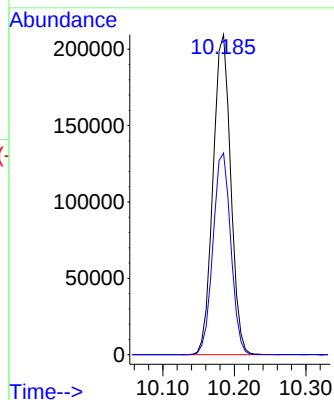
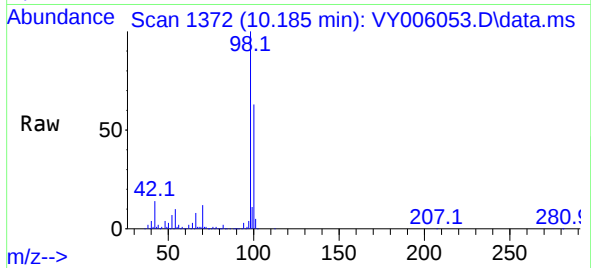




#50
Toluene-d8
Concen: 50.213 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

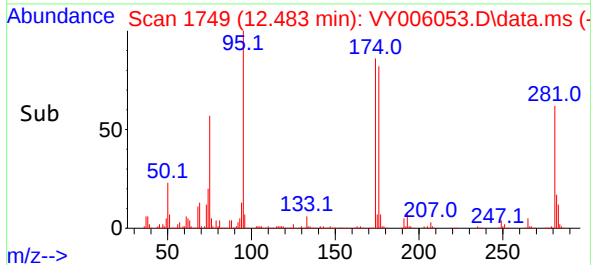
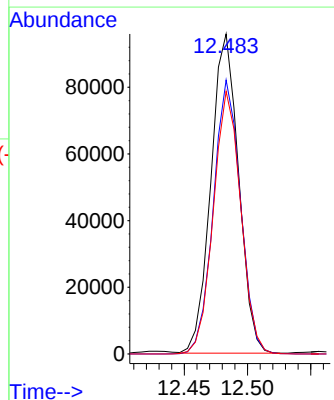
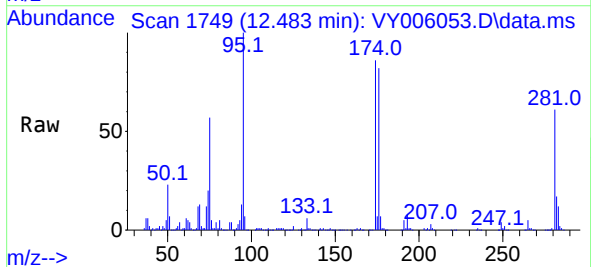
Instrument :
MSVOA_Y
ClientSampled :
11934

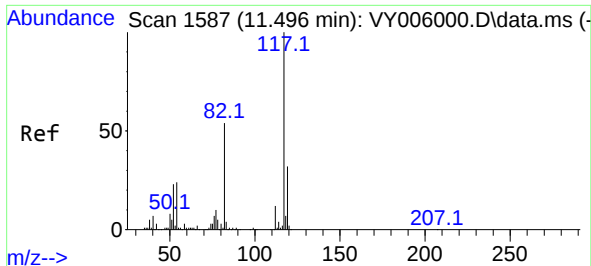
Tgt Ion: 98 Resp: 359923
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 59.817 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

Tgt Ion: 95 Resp: 145573
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 81.3 0.0 175.8

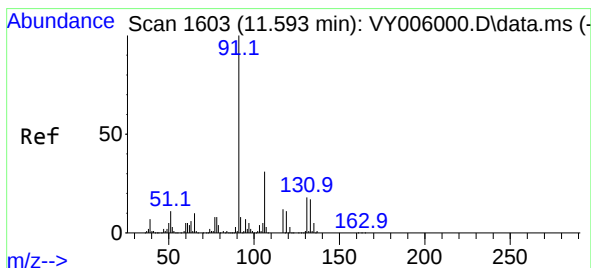
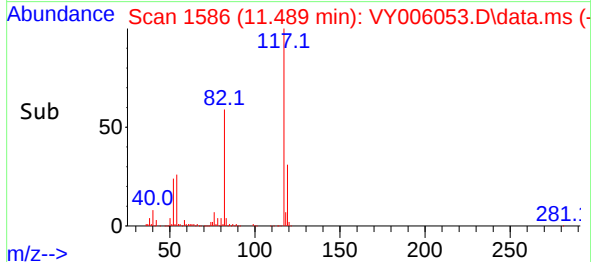
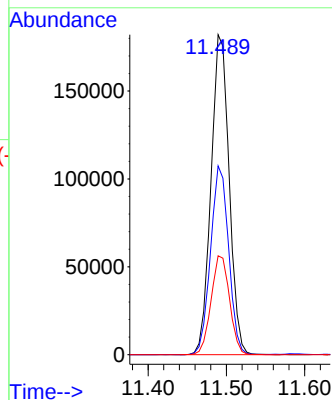
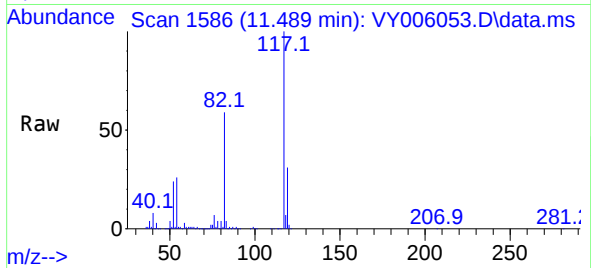




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

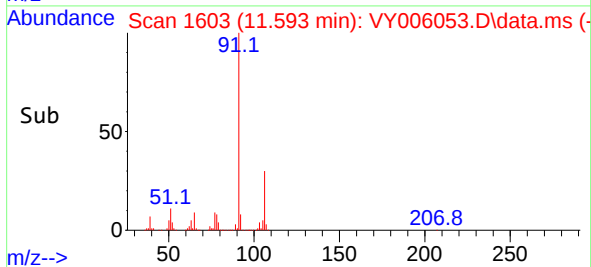
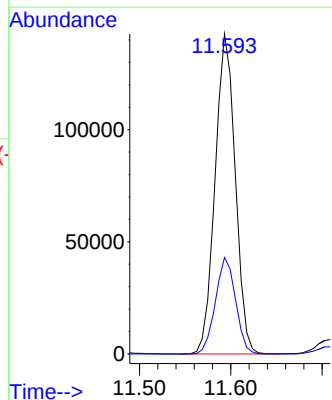
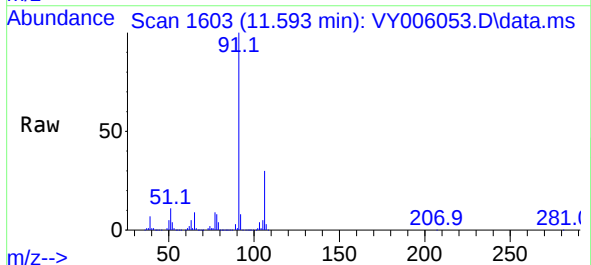
Instrument :
MSVOA_Y
ClientSampleId :
11934

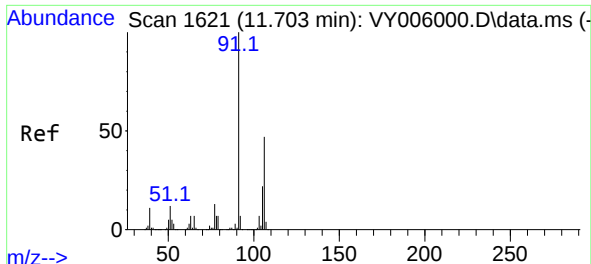
Tgt Ion:	117	Resp:	292183
Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.0	64.4
119	30.9	25.4	38.0



#67
Ethyl Benzene
Concen: 18.426 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

Tgt Ion:	91	Resp:	218967
Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.5	36.7

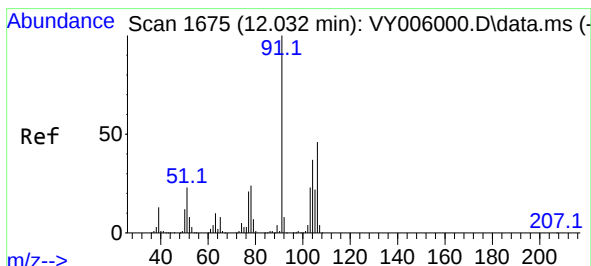
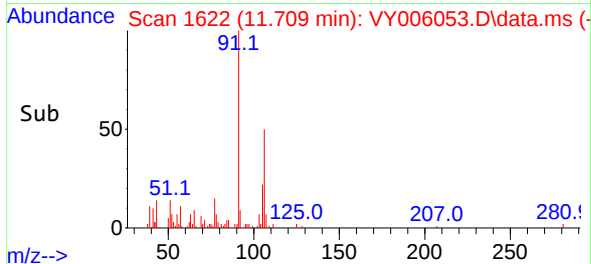
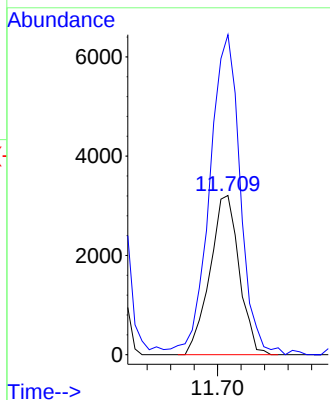
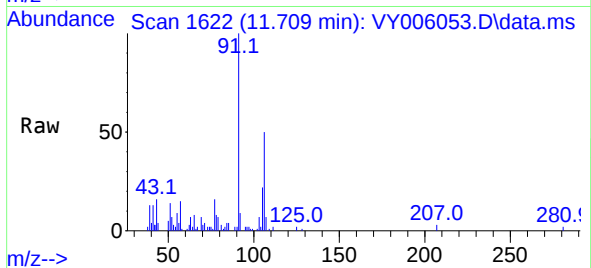




#68
m/p-Xylenes
Concen: 1.233 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

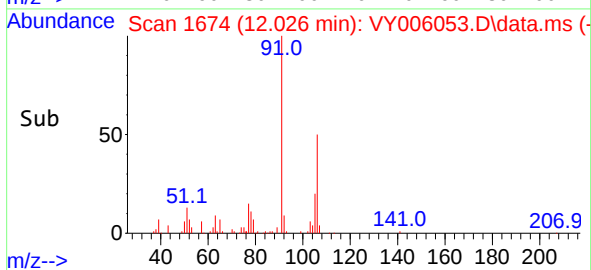
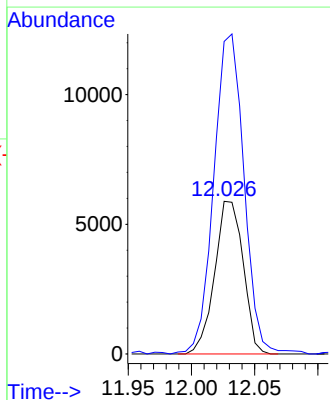
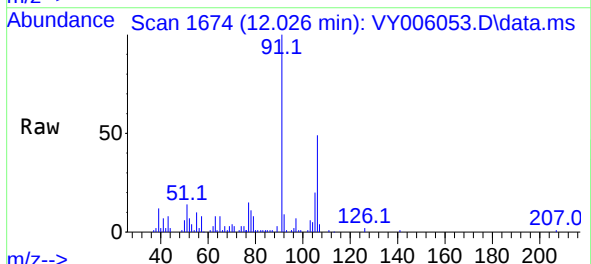
Instrument :
MSVOA_Y
ClientSampleId :
11934

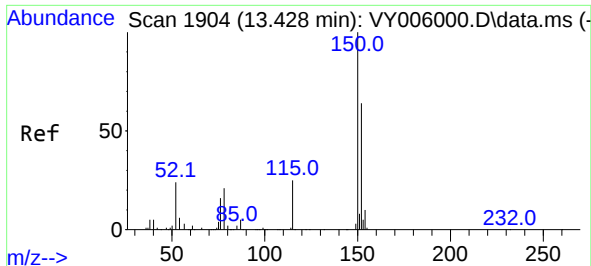
Tgt Ion:106 Resp: 5555
Ion Ratio Lower Upper
106 100
91 211.0 166.6 249.8



#69
o-Xylene
Concen: 2.166 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

Tgt Ion:106 Resp: 9219
Ion Ratio Lower Upper
106 100
91 222.4 110.3 331.0

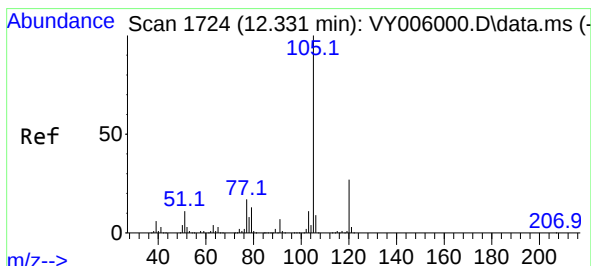
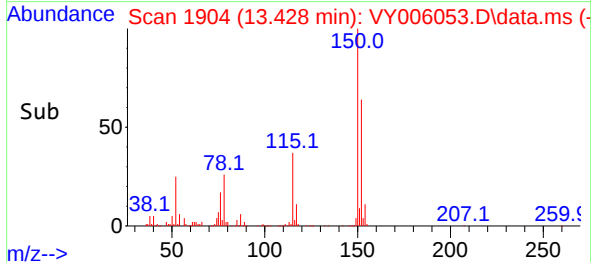
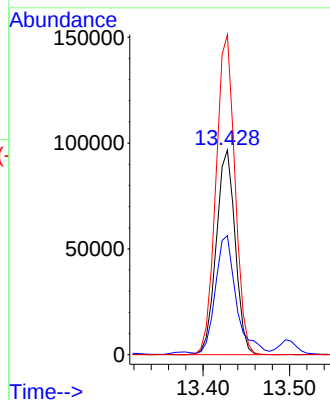
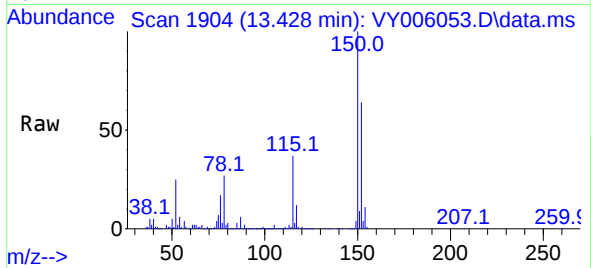




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

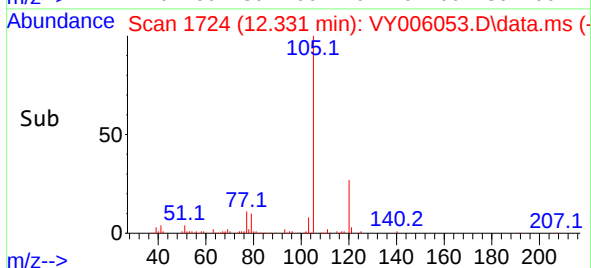
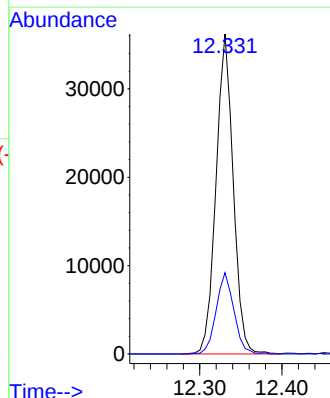
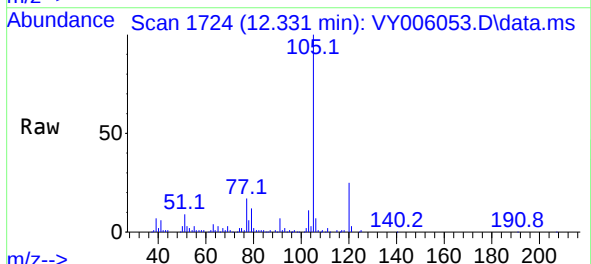
Instrument :
MSVOA_Y
ClientSampled :
11934

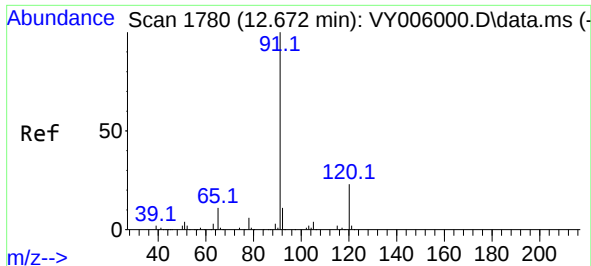
Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	28.2	84.7
150	156.6	0.0	347.6



#73
Isopropylbenzene
Concen: 4.565 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.4	40.2

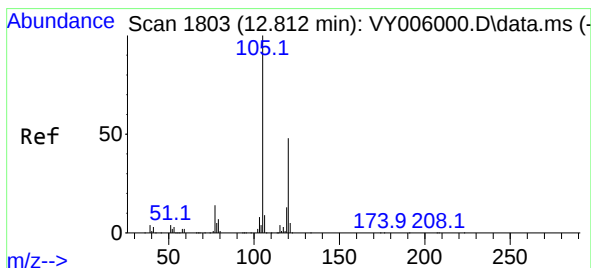
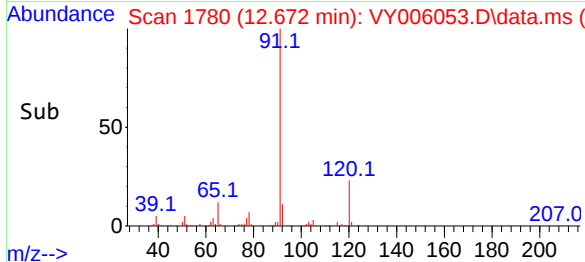
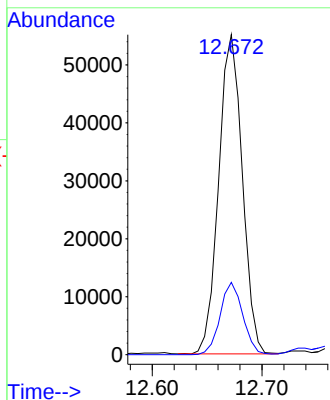
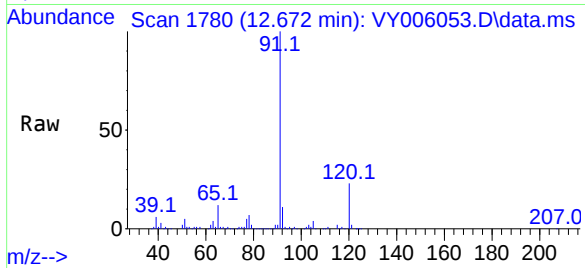




#78
n-propylbenzene
Concen: 5.787 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

Instrument :
MSVOA_Y
ClientSampleId :
11934

Tgt Ion: 91 Resp: 82530
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 1.639 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006053.D
Acq: 16 Sep 2021 17:15

Tgt Ion: 105 Resp: 15667
Ion Ratio Lower Upper
105 100
120 48.1 24.4 73.4

