

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005059.D
 Acq On : 09 Jun 2021 20:10
 Operator : SY/MD
 Sample : M2644-01
 Misc : 1.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1846-75-76

Quant Time: Jun 10 02:44:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

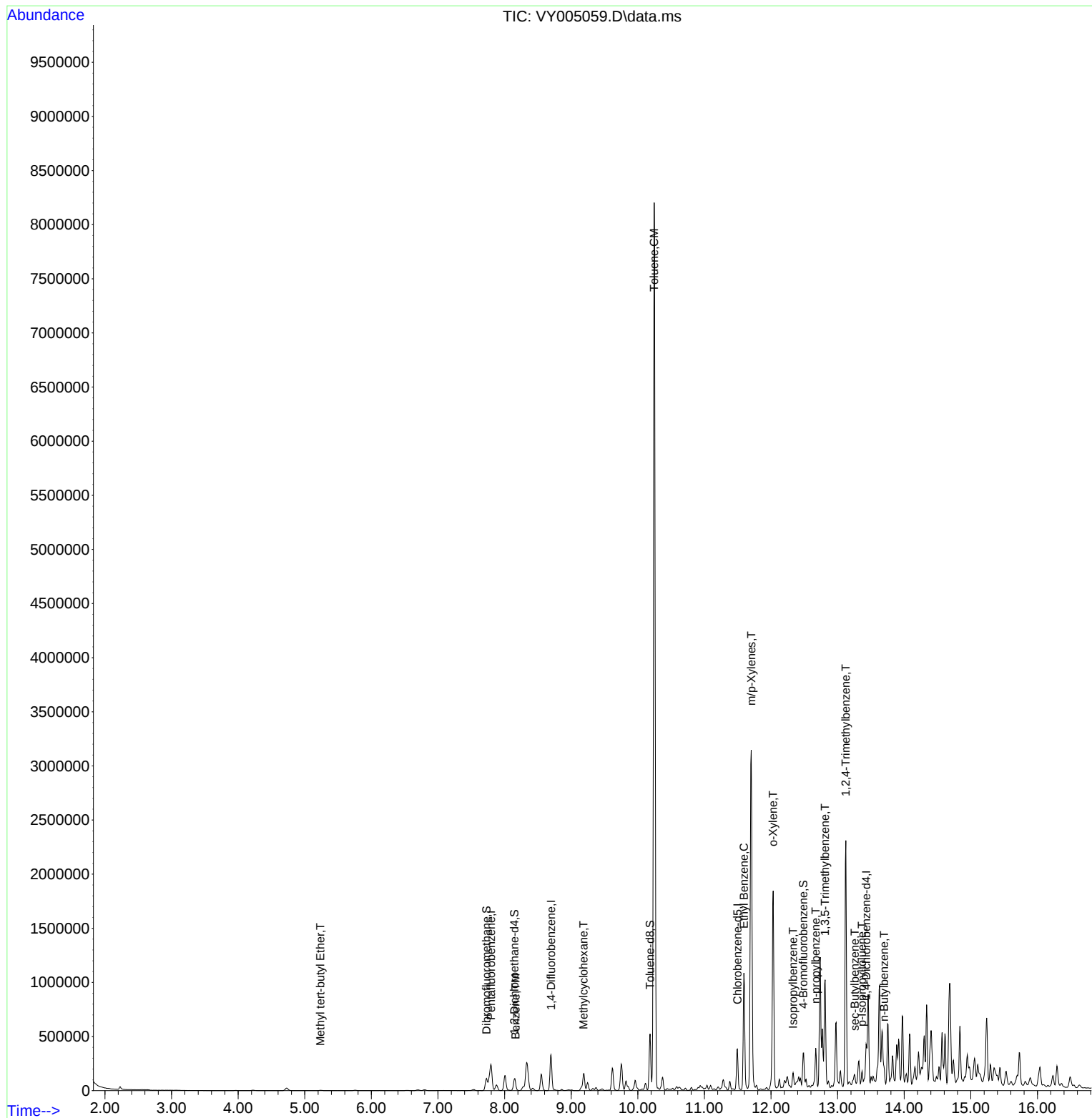
Internal Standards						
1) Pentafluorobenzene	7.795	168	152676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	266126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80941	50.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.300%	
35) Dibromofluoromethane	7.728	113	77326	54.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.020%	
50) Toluene-d8	10.185	98	309825	52.103	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.483	95	80258	39.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.480%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.234	73	4660	1.154	ug/l #	75
39) Methylcyclohexane	9.185	83	44871	15.597	ug/l	95
40) Benzene	8.167	78	13448	1.805	ug/l #	88
52) Toluene	10.246	92	3397649	753.479	ug/l	97
67) Ethyl Benzene	11.593	91	733473	97.050	ug/l	99
68) m/p-Xylenes	11.703	106	901803	318.471	ug/l	100
69) o-Xylene	12.032	106	468124	177.527	ug/l	99
73) Isopropylbenzene	12.331	105	81166	14.185	ug/l	99
78) n-propylbenzene	12.672	91	266419	38.628	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	279504	59.211	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	1175834	250.646	ug/l	99
85) sec-Butylbenzene	13.257	105	57632	9.914	ug/l	86
86) p-Isopropyltoluene	13.367	119	34905	7.000	ug/l	98
89) n-Butylbenzene	13.696	91	78191	16.303	ug/l #	78

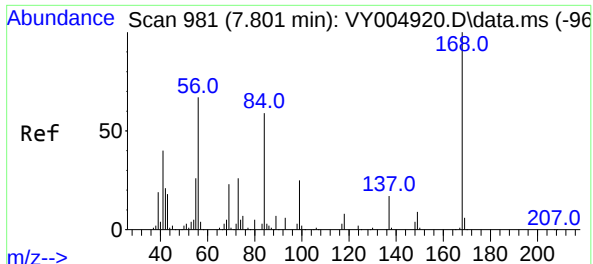
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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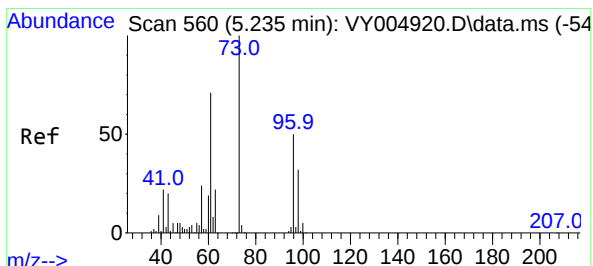
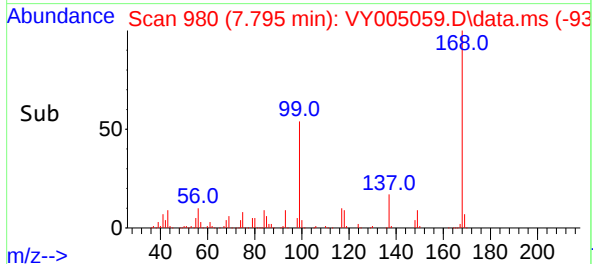
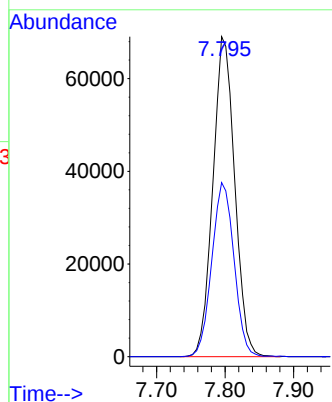
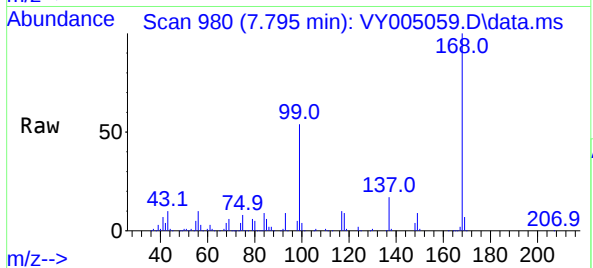




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

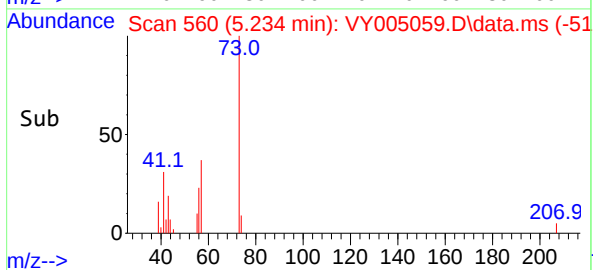
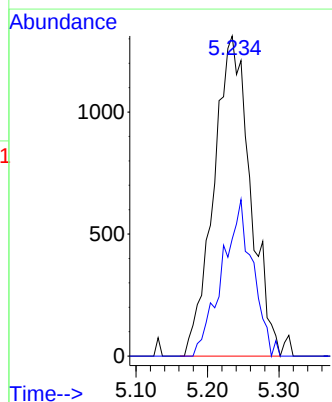
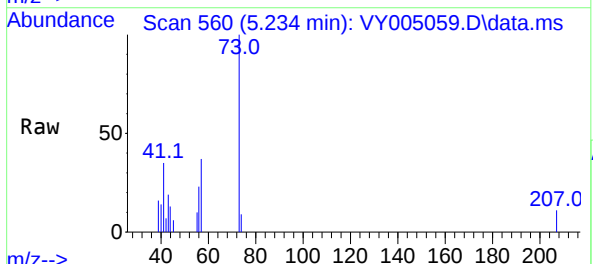
Instrument :
MSVOA_Y
ClientSampleId :
1846-75-76

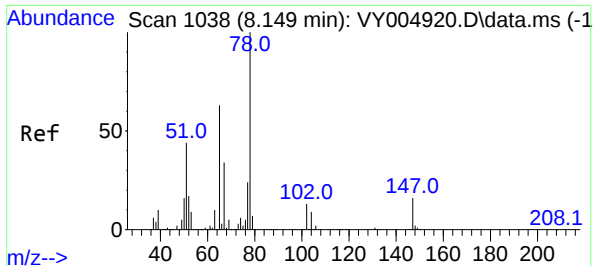
Tgt Ion:168 Resp: 152676
Ion Ratio Lower Upper
168 100
99 54.4 43.9 65.9



#19
Methyl tert-butyl Ether
Concen: 1.154 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion: 73 Resp: 4660
Ion Ratio Lower Upper
73 100
57 36.6 19.3 28.9#

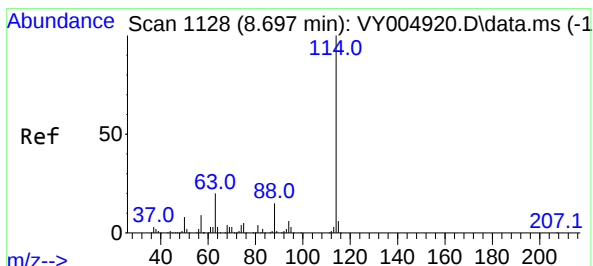
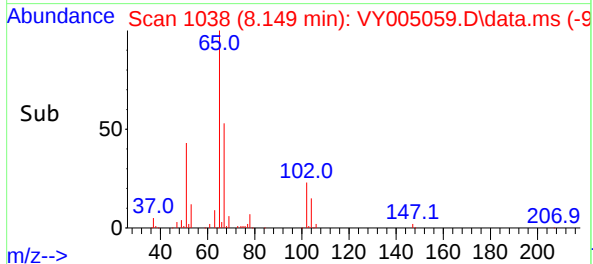
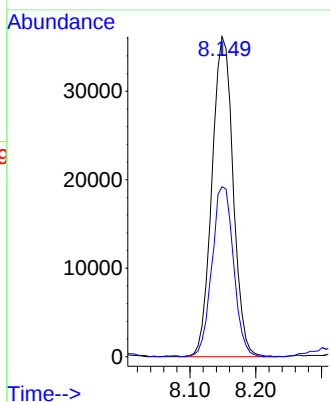
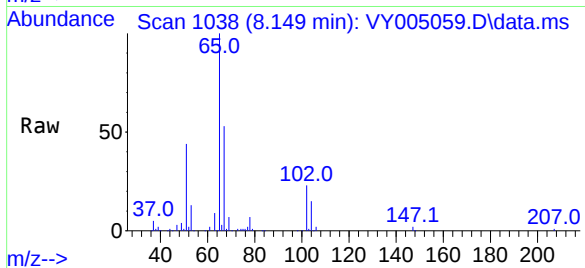




#33
1,2-Dichloroethane-d4
Concen: 50.148 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

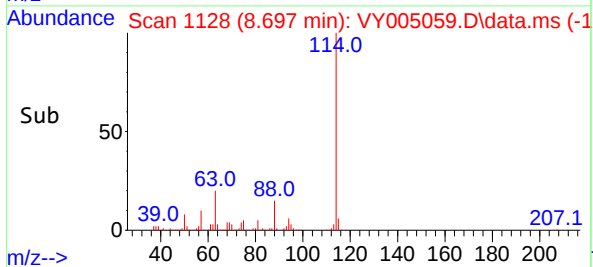
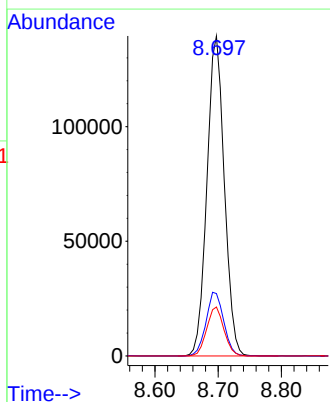
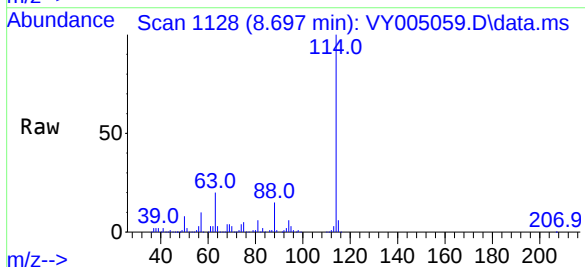
Instrument :
MSVOA_Y
ClientSampleId :
1846-75-76

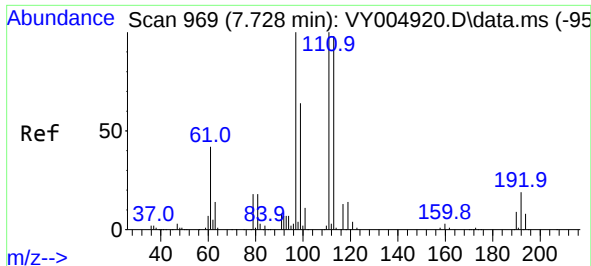
Tgt Ion: 65 Resp: 80941
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion:114 Resp: 266126
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.0
88 15.3 0.0 30.6



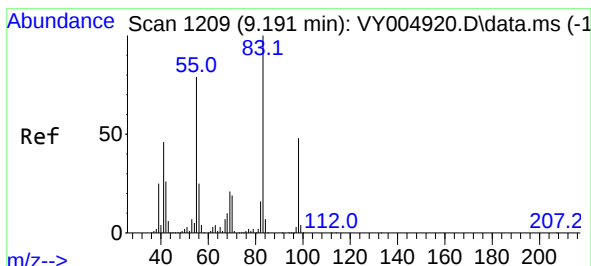
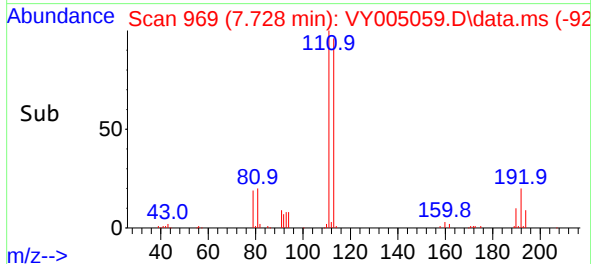
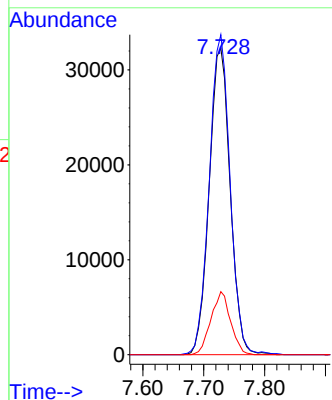
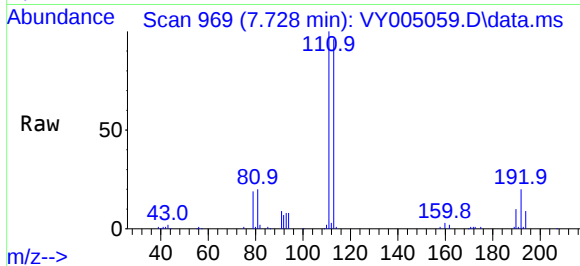


#35
Dibromofluoromethane
Concen: 54.007 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Instrument :
MSVOA_Y
ClientSampleId :
1846-75-76

Tgt Ion:113 Resp: 77326

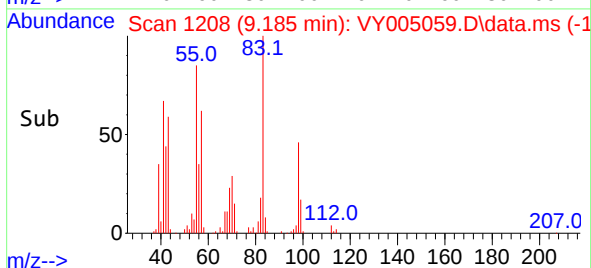
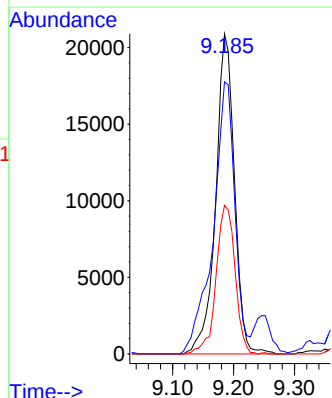
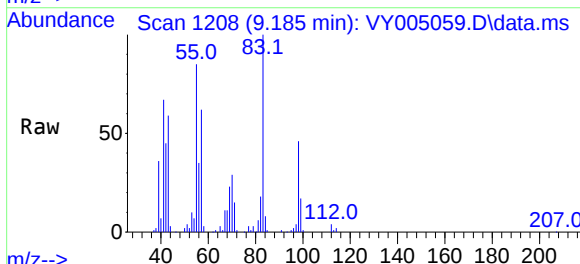
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	19.2	15.3	22.9

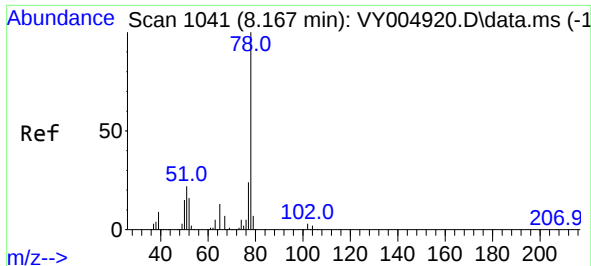


#39
Methylcyclohexane
Concen: 15.597 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion: 83 Resp: 44871

Ion	Ratio	Lower	Upper
83	100		
55	85.1	63.1	94.7
98	46.4	38.6	58.0

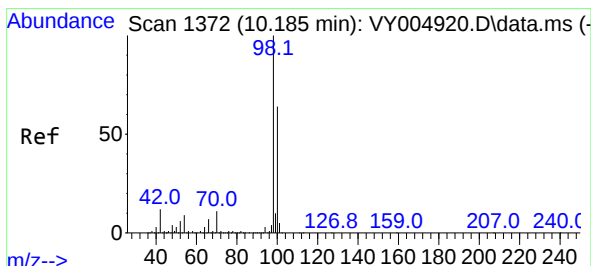
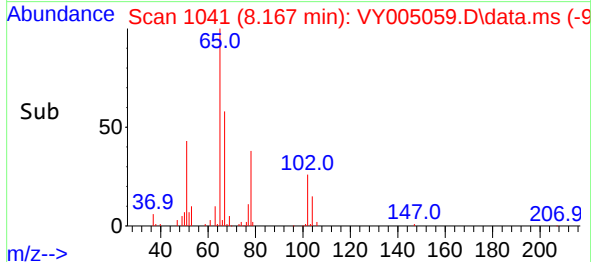
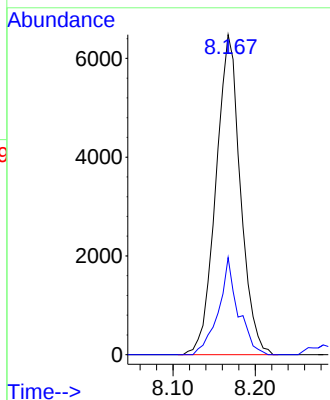
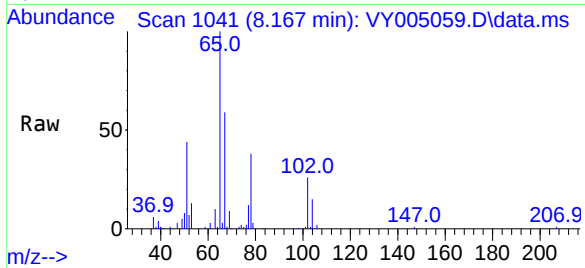




#40
Benzene
Concen: 1.805 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

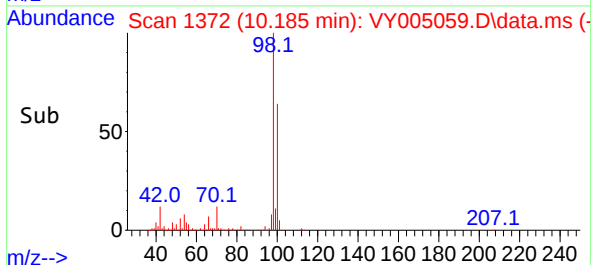
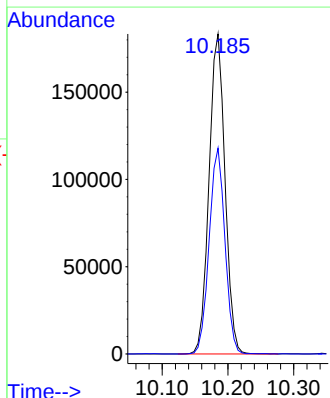
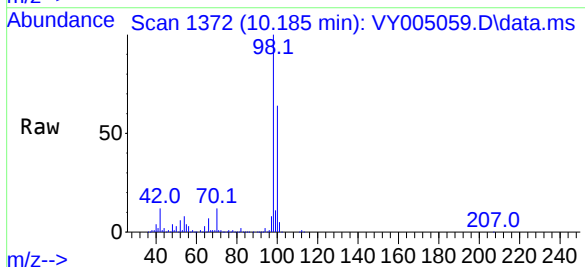
Instrument :
MSVOA_Y
ClientSampleId :
1846-75-76

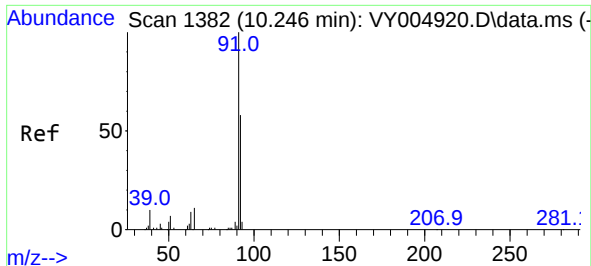
Tgt Ion: 78 Resp: 13448
Ion Ratio Lower Upper
78 100
77 30.4 19.4 29.2#



#50
Toluene-d8
Concen: 52.103 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion: 98 Resp: 309825
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

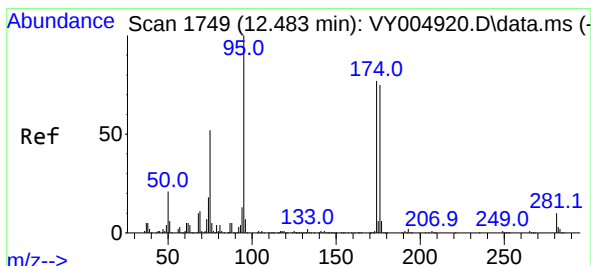
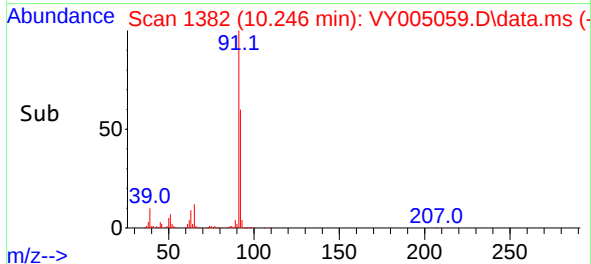
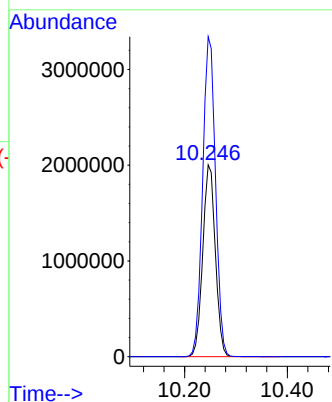
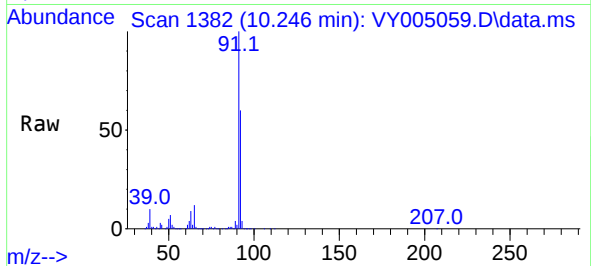




#52
Toluene
Concen: 753.479 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

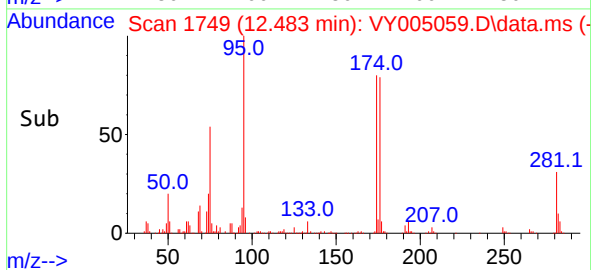
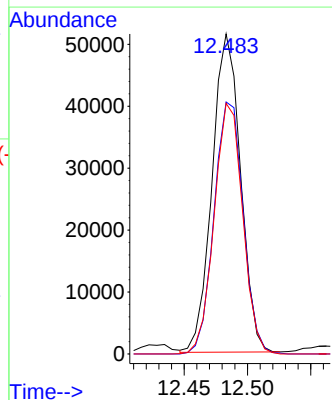
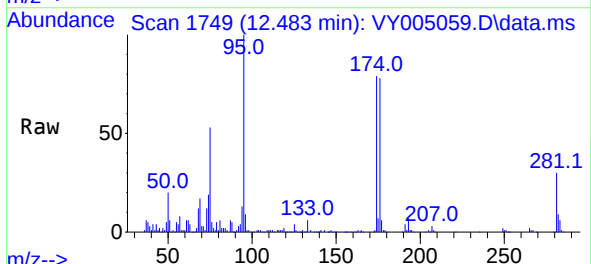
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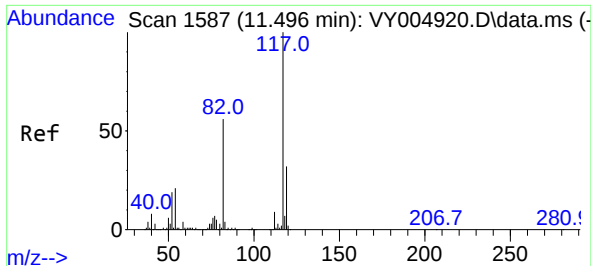
Tgt Ion: 92 Resp: 3397649
Ion Ratio Lower Upper
92 100
91 170.3 139.3 208.9



#62
4-Bromofluorobenzene
Concen: 39.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion: 95 Resp: 80258
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.8
176 78.9 0.0 155.6

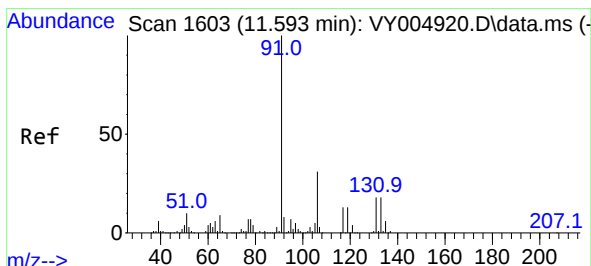
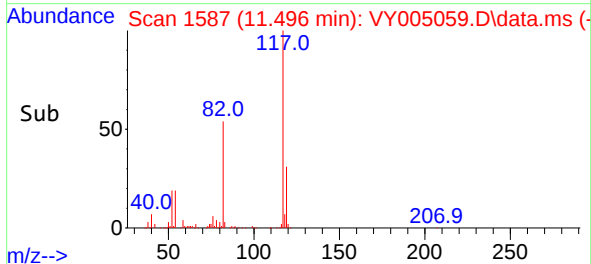
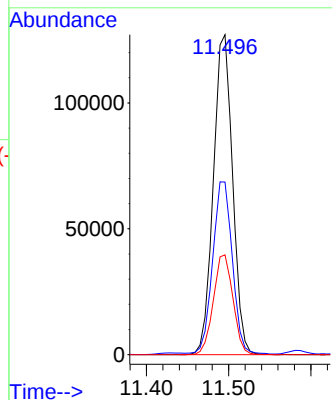
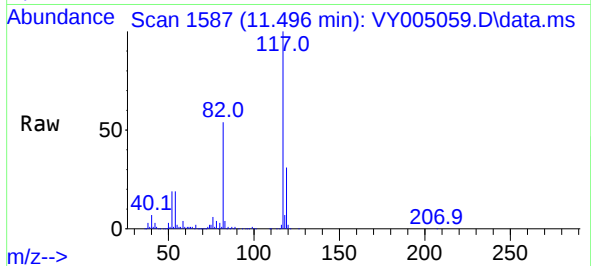




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

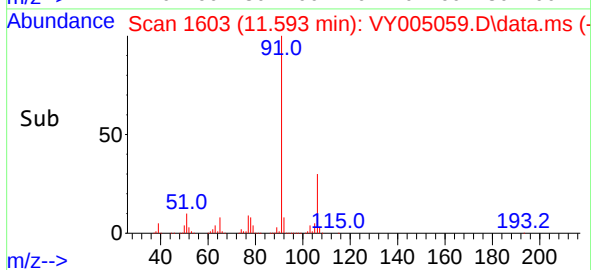
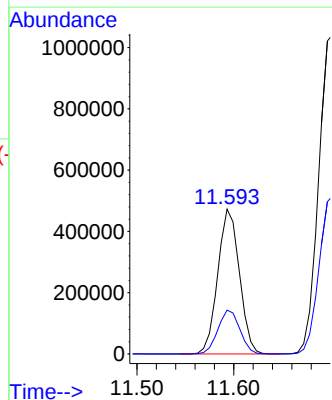
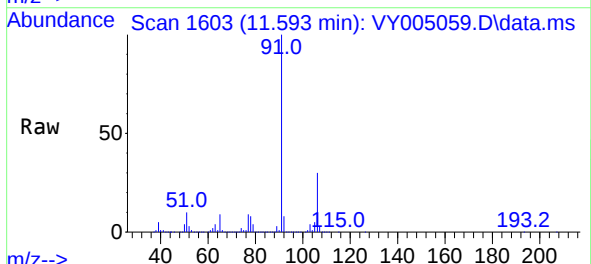
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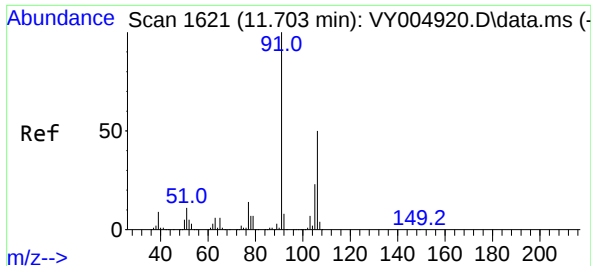
Tgt Ion:	117	Resp:	206404
Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.8	67.2
119	31.2	25.2	37.8



#67
Ethyl Benzene
Concen: 97.050 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion:	91	Resp:	733473
Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.6	36.8

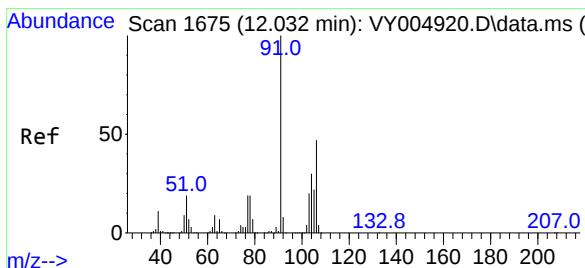
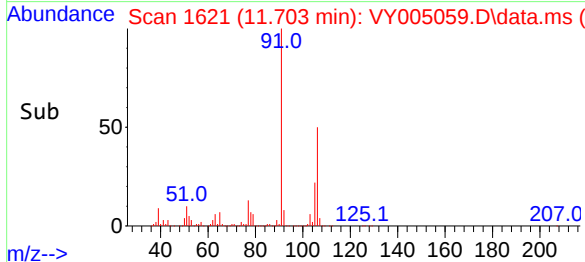
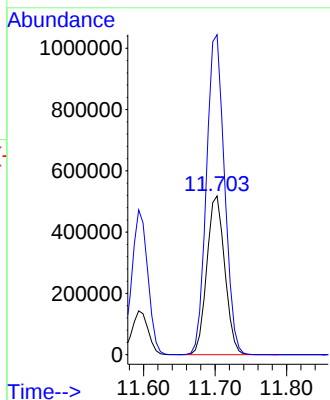
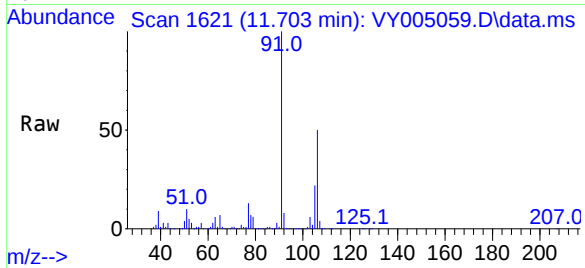




#68
m/p-Xylenes
Concen: 318.471 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

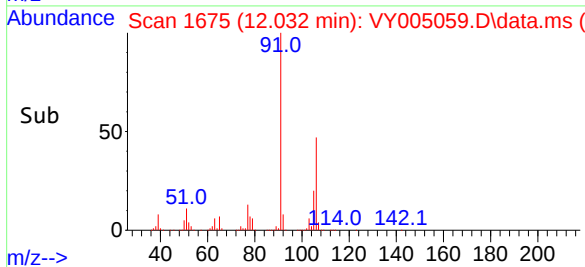
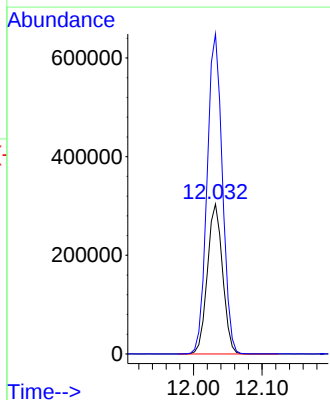
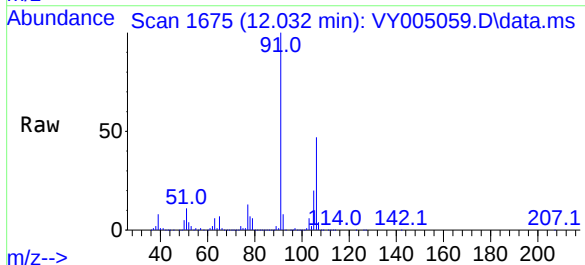
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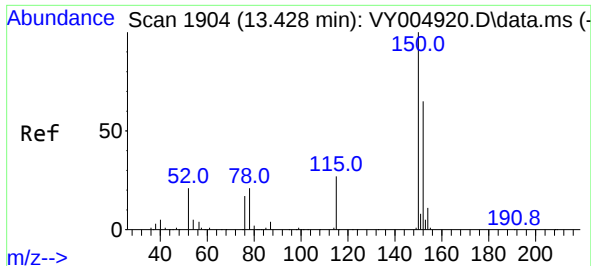
Tgt Ion:106 Resp: 901803
Ion Ratio Lower Upper
106 100
91 202.9 161.9 242.9



#69
o-Xylene
Concen: 177.527 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion:106 Resp: 468124
Ion Ratio Lower Upper
106 100
91 214.8 108.0 324.0

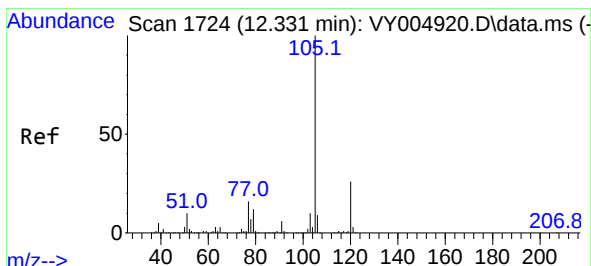
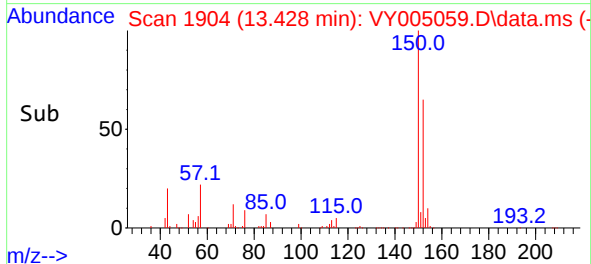
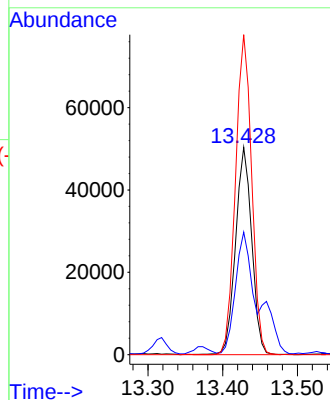
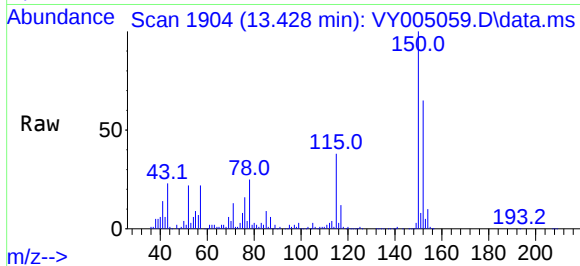




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

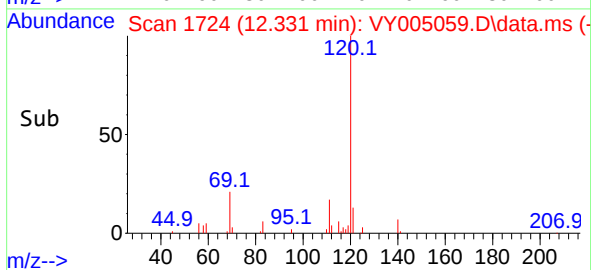
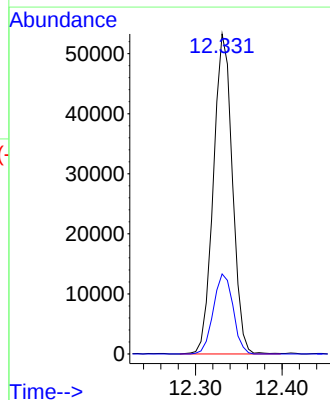
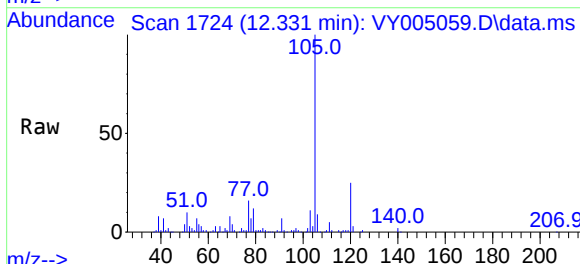
Instrument :
MSVOA_Y
ClientSampleId :
1846-75-76

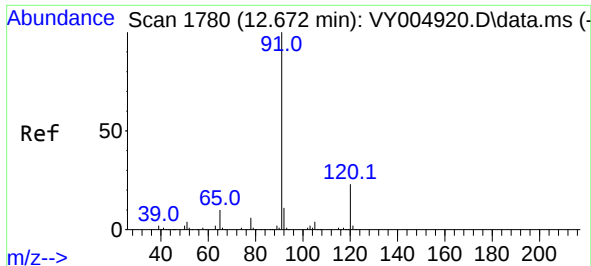
Tgt Ion:152 Resp: 75747
Ion Ratio Lower Upper
152 100
115 80.4 29.9 89.7
150 153.8 0.0 347.8



#73
Isopropylbenzene
Concen: 14.185 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion:105 Resp: 81166
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9

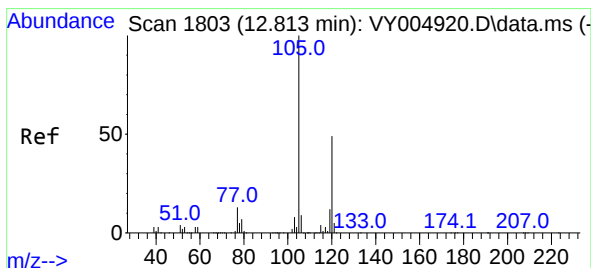
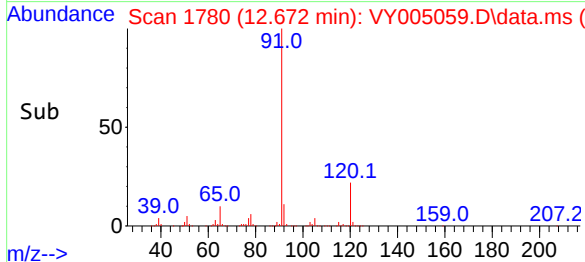
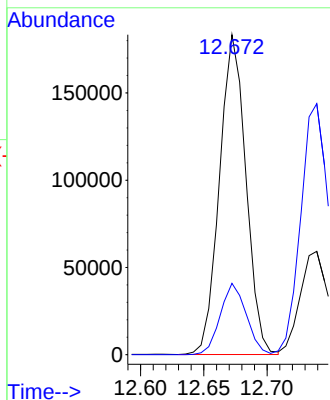
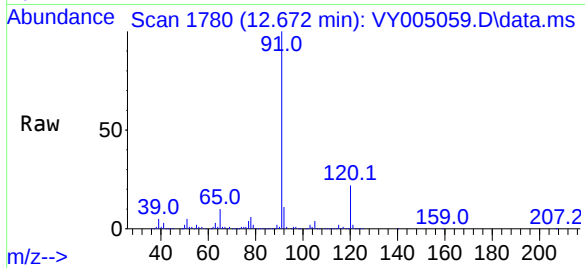




#78
n-propylbenzene
Concen: 38.628 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

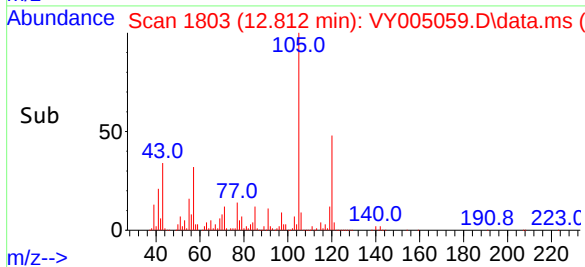
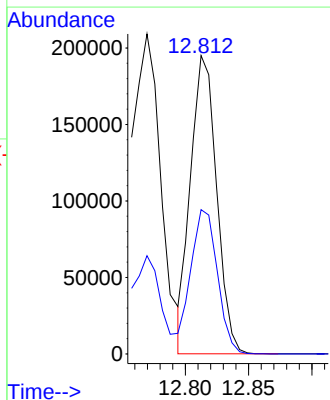
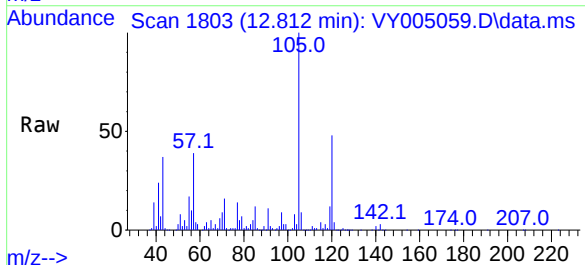
Instrument :
MSVOA_Y
ClientSampleId :
1846-75-76

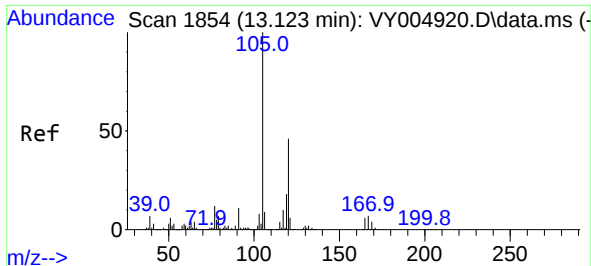
Tgt Ion: 91 Resp: 266419
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 59.211 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion: 105 Resp: 279504
Ion Ratio Lower Upper
105 100
120 50.9 24.5 73.5

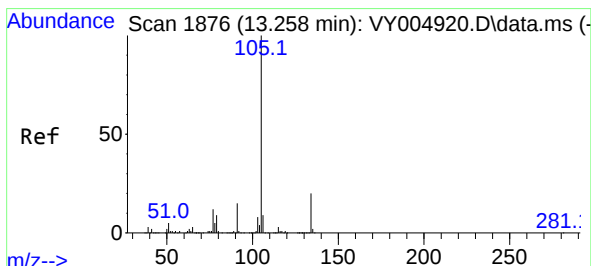
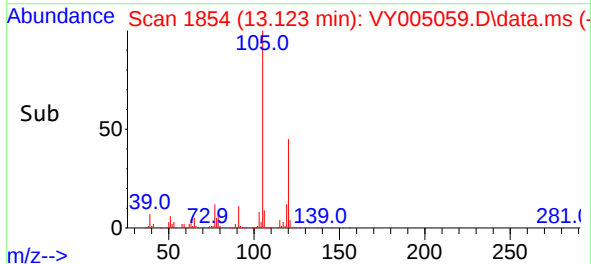
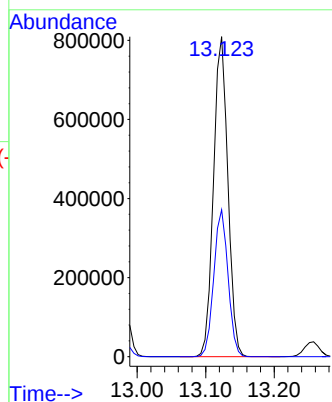
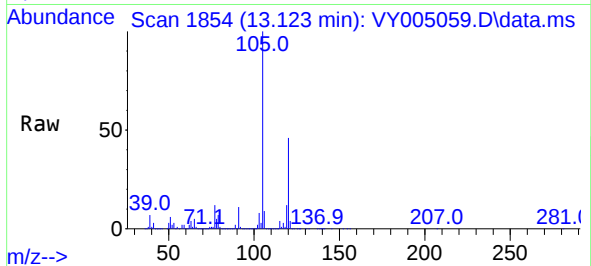




#84
1,2,4-Trimethylbenzene
Concen: 250.646 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

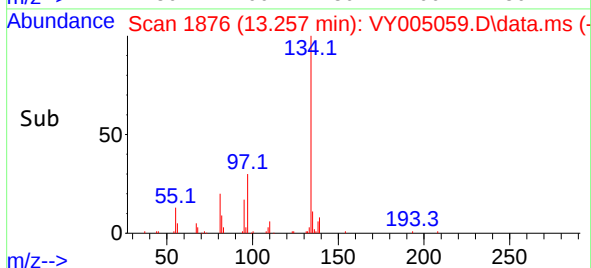
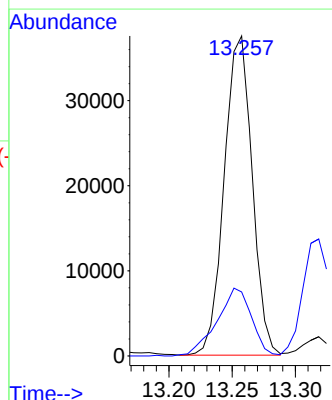
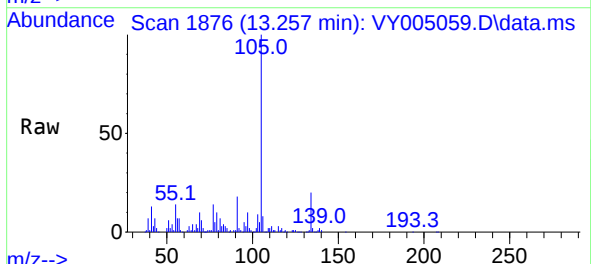
Instrument :
MSVOA_Y
ClientSampleId :
1846-75-76

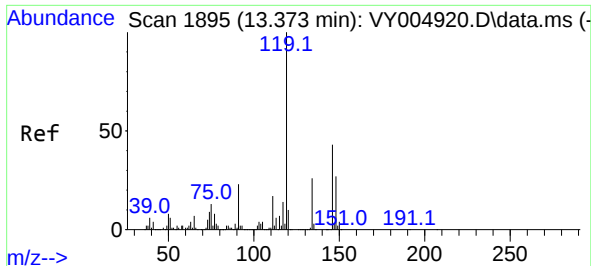
Tgt Ion:105 Resp: 1175834
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.7



#85
sec-Butylbenzene
Concen: 9.914 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion:105 Resp: 57632
Ion Ratio Lower Upper
105 100
134 26.4 9.9 29.7

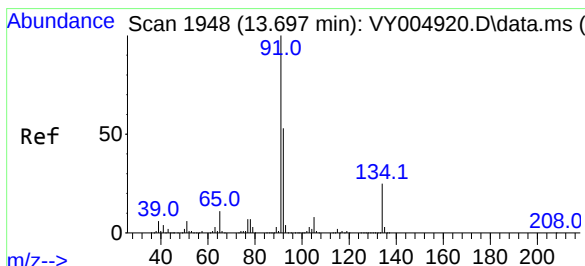
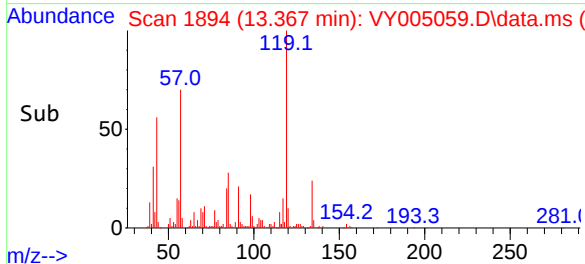
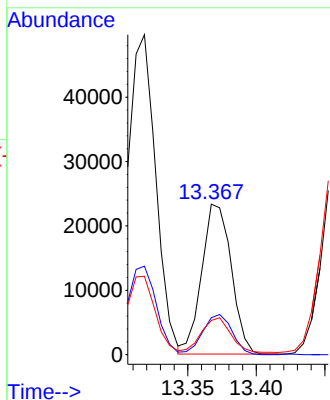
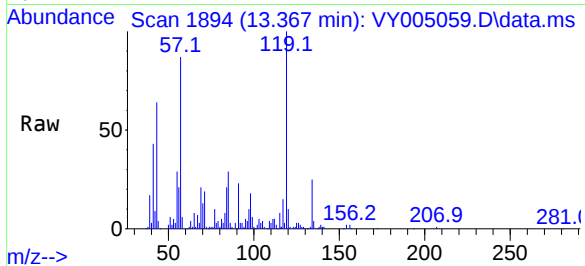




#86
p-Isopropyltoluene
Concen: 7.000 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Instrument :
MSVOA_Y
ClientSampled :
1846-75-76

Tgt Ion:119 Resp: 34905
Ion Ratio Lower Upper
119 100
134 26.7 12.9 38.7
91 22.8 11.9 35.5



#89
n-Butylbenzene
Concen: 16.303 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY005059.D
Acq: 09 Jun 2021 20:10

Tgt Ion: 91 Resp: 78191
Ion Ratio Lower Upper
91 100
92 59.1 26.8 80.3
134 0.0 13.0 38.9#

