

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004538.D
 Acq On : 20 Apr 2021 18:51
 Operator : SY/MD
 Sample : M2098-01
 Misc : 5.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-042021

Quant Time: Apr 21 08:54:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

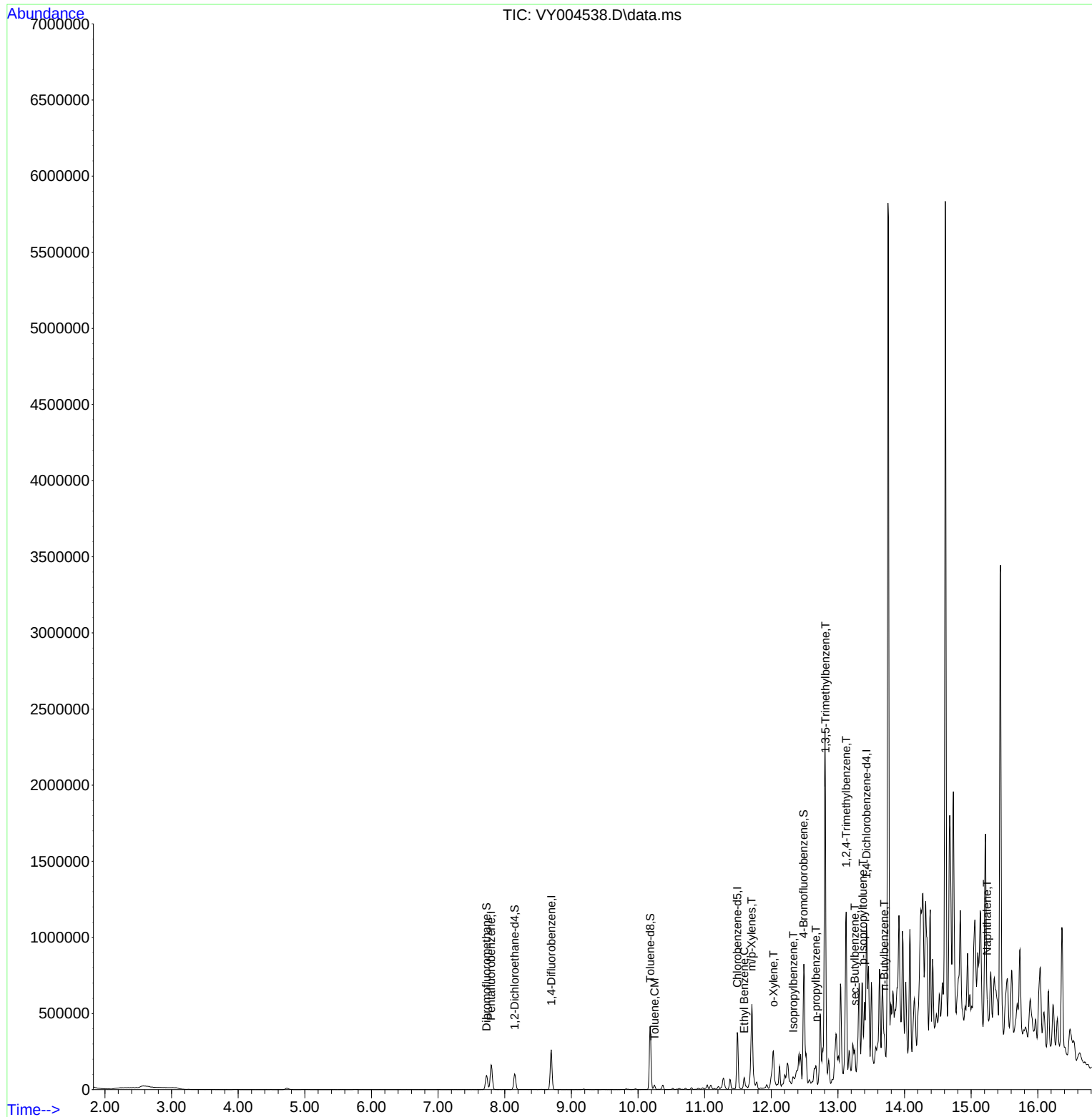
Internal Standards						
1) Pentafluorobenzene	7.795	168	121603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	209432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78241	57.91	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.82%			
35) Dibromofluoromethane	7.728	113	64154	55.20	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.40%			
50) Toluene-d8	10.185	98	258696	52.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.66%			
62) 4-Bromofluorobenzene	12.483	95	90372	53.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.74%			
Target Compounds						Qvalue
52) Toluene	10.246	92	10891	2.88	ug/l	94
67) Ethyl Benzene	11.593	91	47582	6.41	ug/l	98
68) m/p-Xylenes	11.703	106	73244	26.57	ug/l	98
69) o-Xylene	12.032	106	54463	21.08	ug/l	98
73) Isopropylbenzene	12.331	105	24625	3.45	ug/l	100
78) n-propylbenzene	12.672	91	87492	10.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	179876	31.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	530557	90.72	ug/l	99
85) sec-Butylbenzene	13.251	105	54008	7.81	ug/l	83
86) p-Isopropyltoluene	13.373	119	46710	7.42	ug/l	99
89) n-Butylbenzene	13.697	91	79489	13.23	ug/l #	76
95) Naphthalene	15.239	128	50499	13.26	ug/l #	75

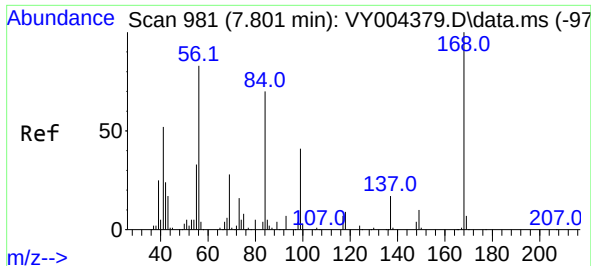
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

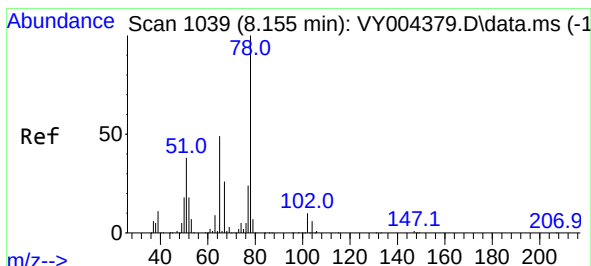
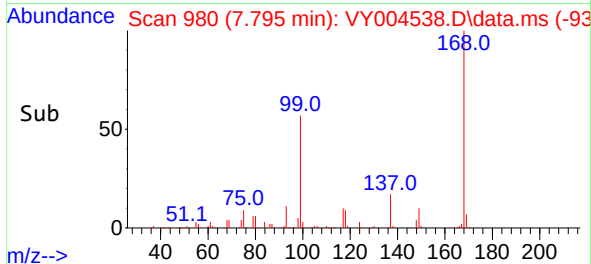
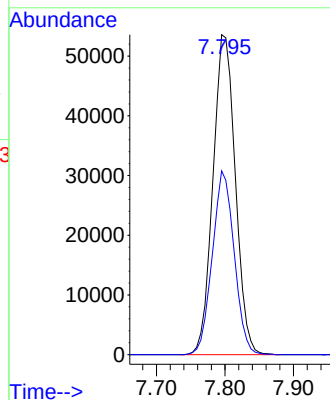
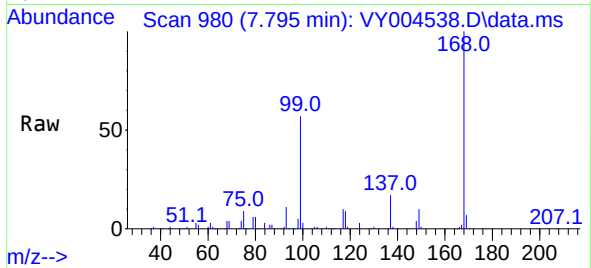




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

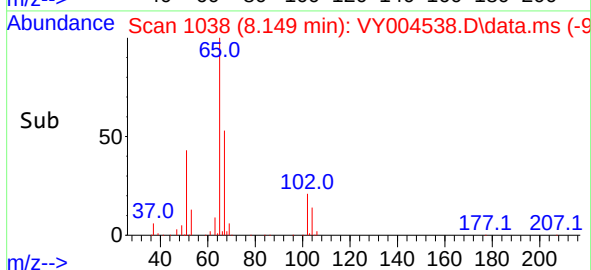
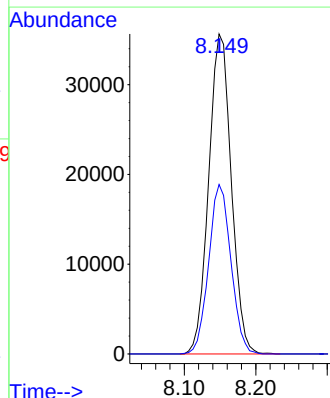
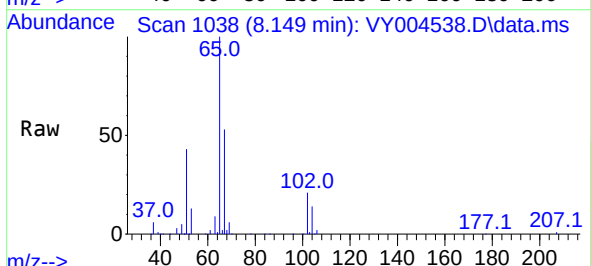
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042021

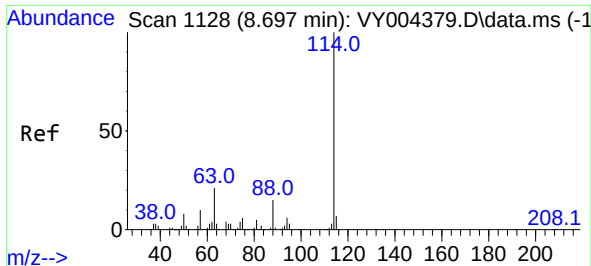
Tgt Ion:168 Resp: 121603
Ion Ratio Lower Upper
168 100
99 57.4 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 57.91 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Tgt Ion: 65 Resp: 78241
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4



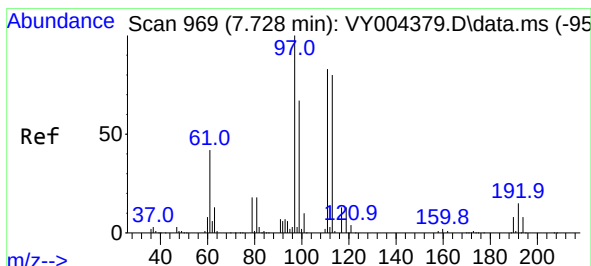
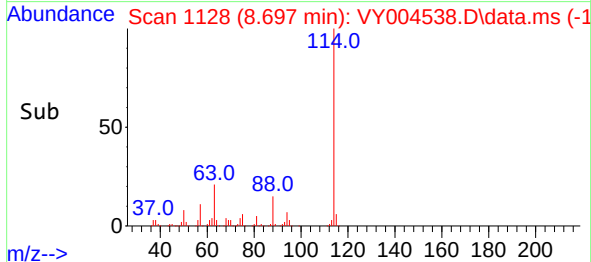
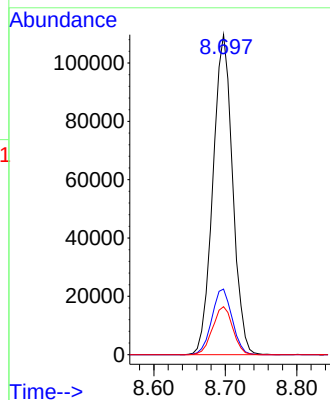
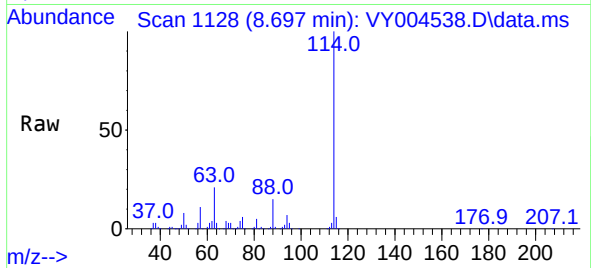


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042021

Tgt Ion:114 Resp: 209432

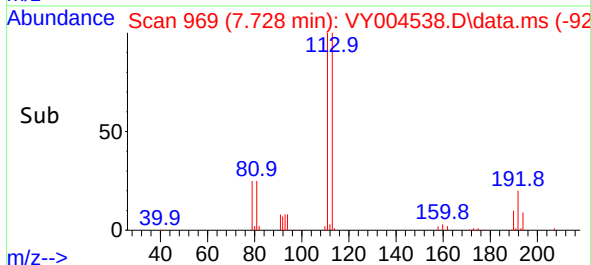
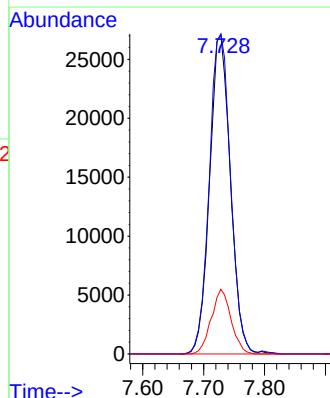
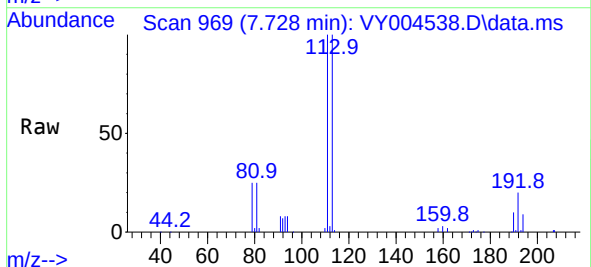
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.4
88	15.0	0.0	30.8

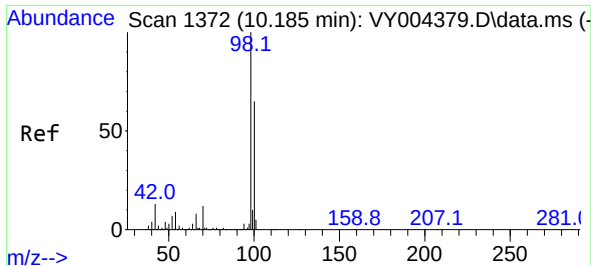


#35
Dibromofluoromethane
Concen: 55.20 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Tgt Ion:113 Resp: 64154

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.3	16.1	24.1

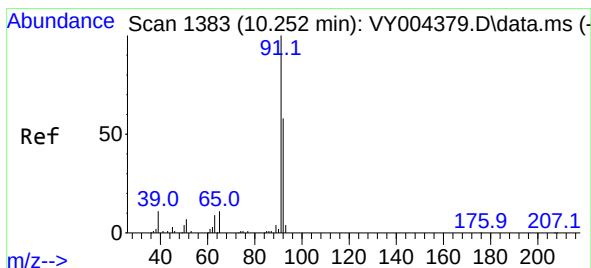
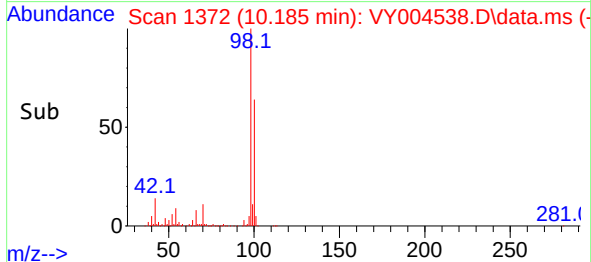
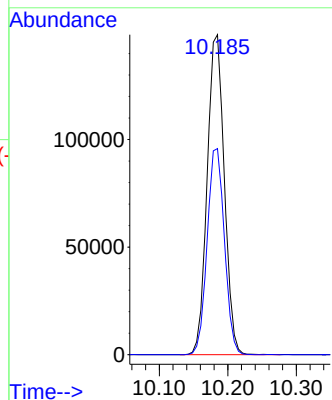
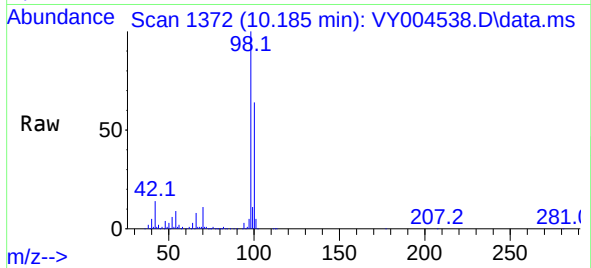




#50
Toluene-d8
Concen: 52.33 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

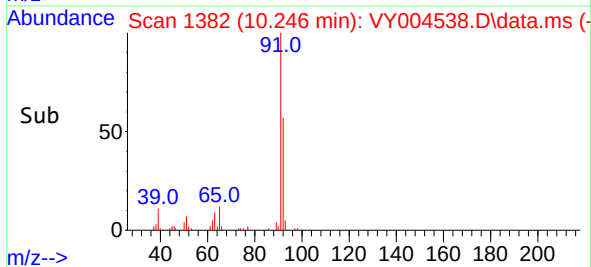
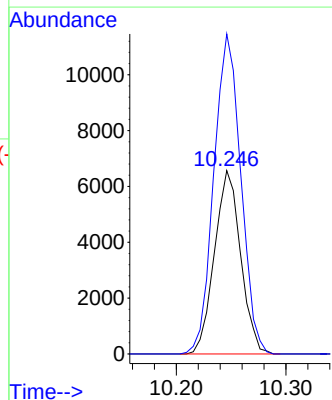
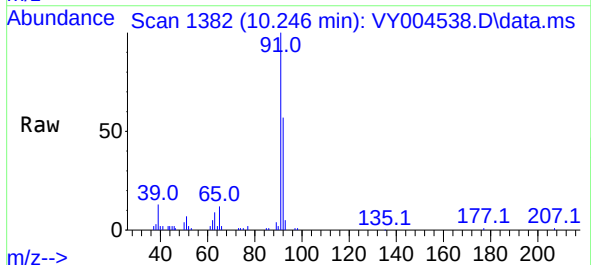
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042021

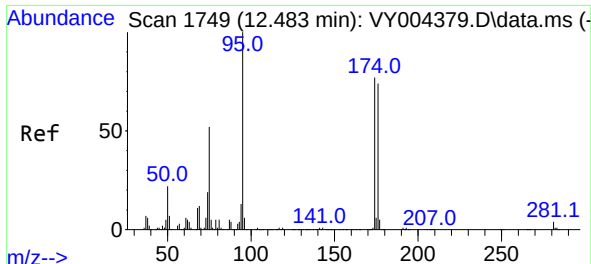
Tgt Ion: 98 Resp: 258696
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#52
Toluene
Concen: 2.88 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

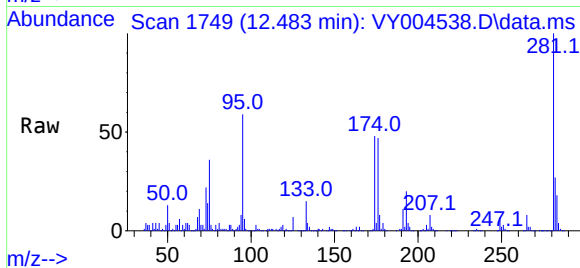
Tgt Ion: 92 Resp: 10891
Ion Ratio Lower Upper
92 100
91 179.8 137.8 206.6



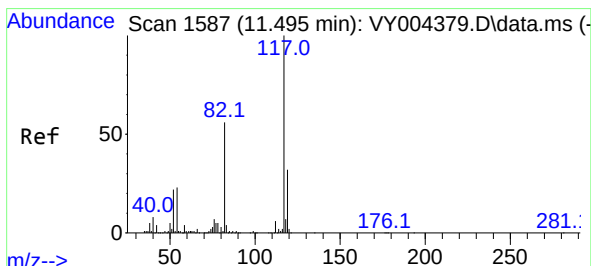
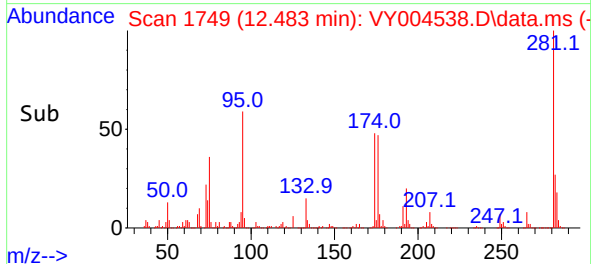
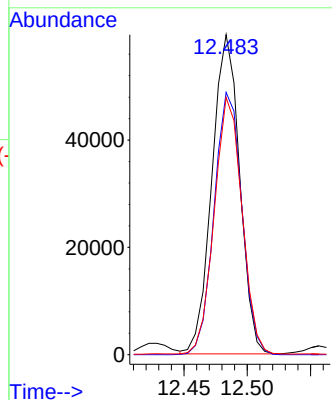


#62
4-Bromofluorobenzene
Concen: 53.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042021

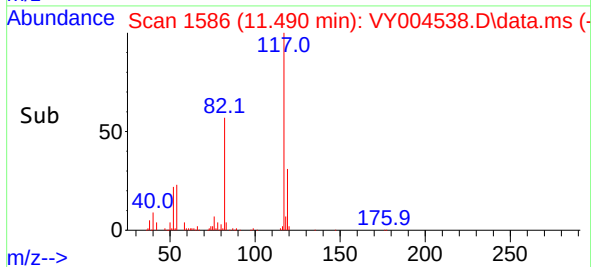
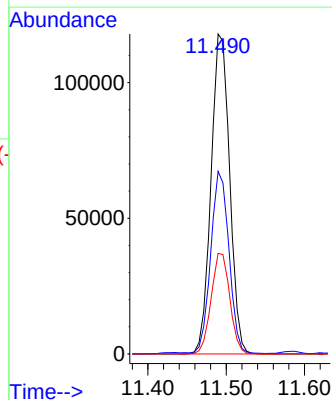
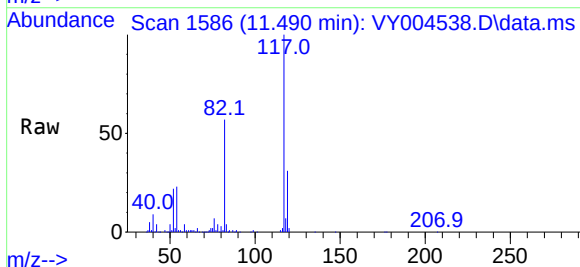


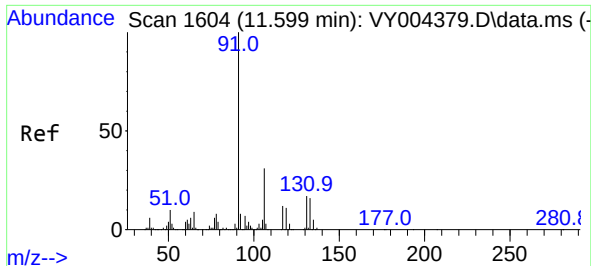
Tgt Ion: 95 Resp: 90372
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 80.4 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Tgt Ion: 117 Resp: 194323
Ion Ratio Lower Upper
117 100
82 56.7 44.9 67.3
119 31.5 25.4 38.0

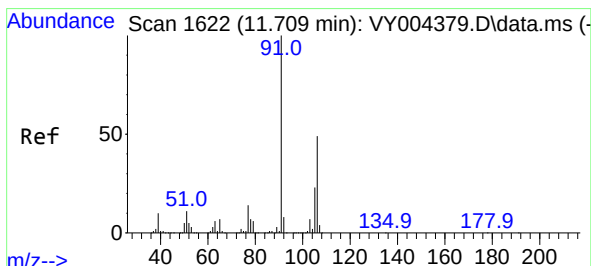
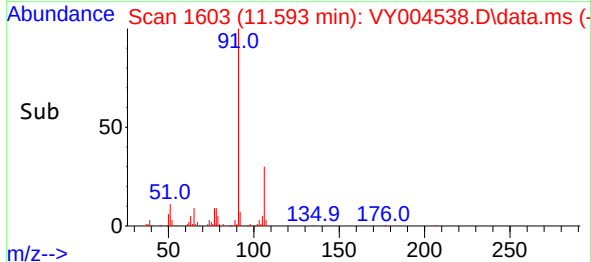
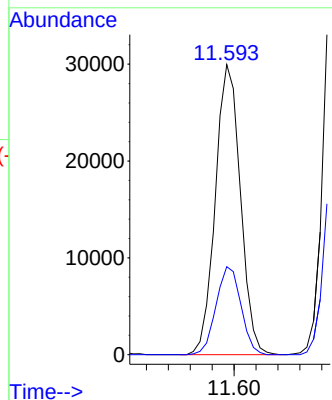
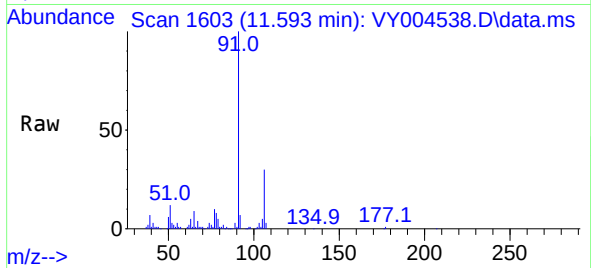




#67
Ethyl Benzene
Concen: 6.41 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

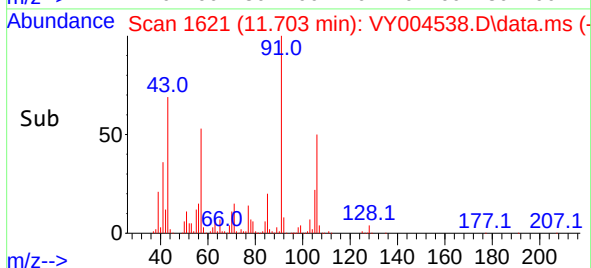
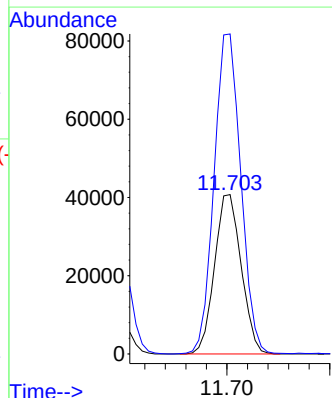
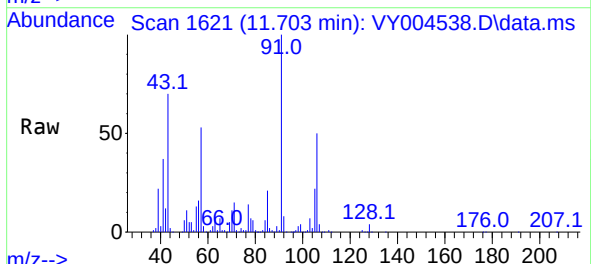
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042021

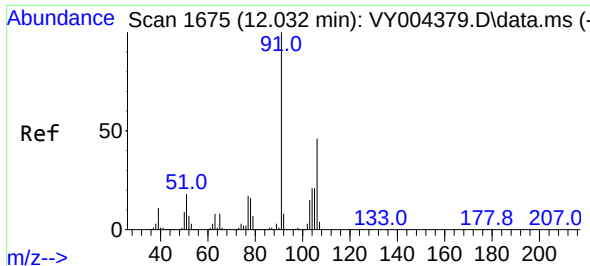
Tgt Ion: 91 Resp: 47582
Ion Ratio Lower Upper
91 100
106 30.3 25.1 37.7



#68
m/p-Xylenes
Concen: 26.57 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Tgt Ion: 106 Resp: 73244
Ion Ratio Lower Upper
106 100
91 201.6 163.2 244.8

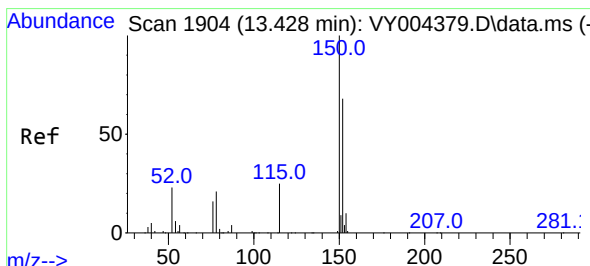
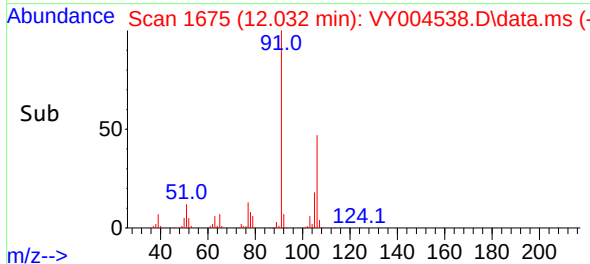
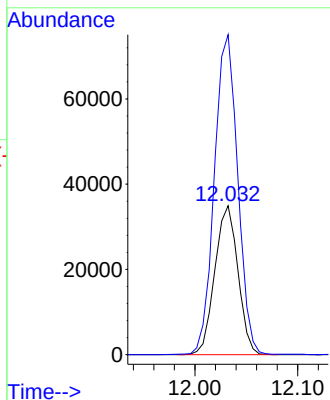
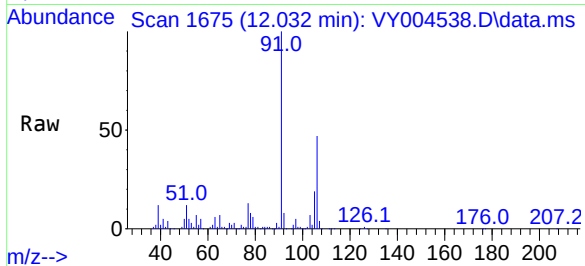




#69
o-Xylene
Concen: 21.08 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

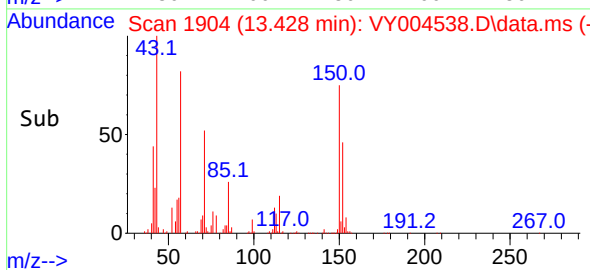
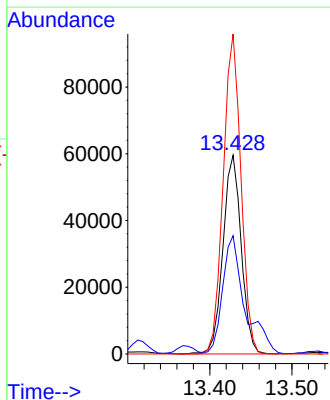
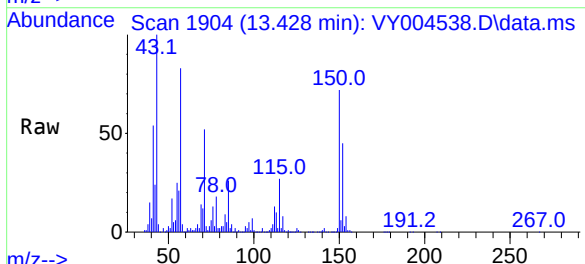
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ClientSampleId :
HR-01-042021

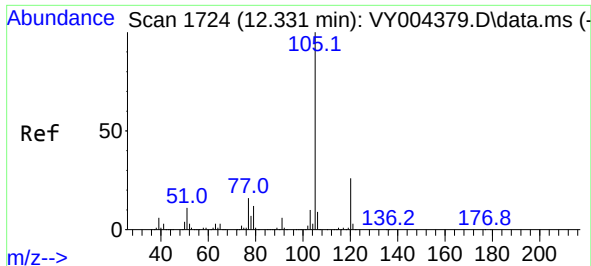
Tgt Ion:106 Resp: 54463
Ion Ratio Lower Upper
106 100
91 218.1 107.4 322.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Tgt Ion:152 Resp: 92268
Ion Ratio Lower Upper
152 100
115 71.5 29.6 88.8
150 156.1 0.0 348.4

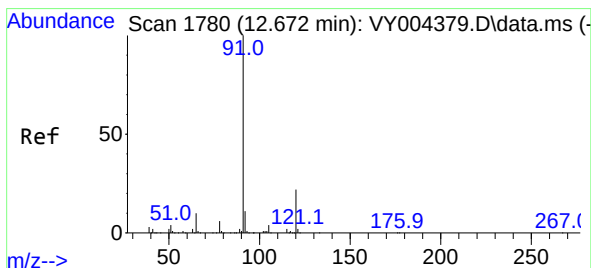
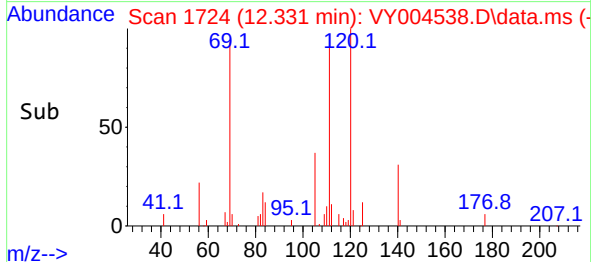
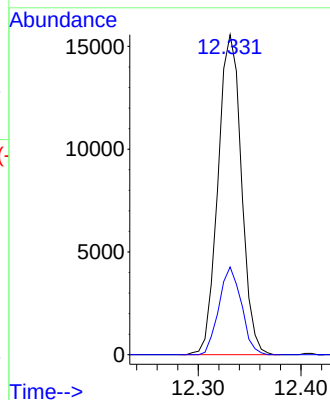
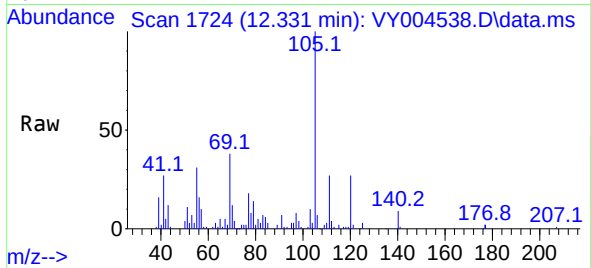




#73
Isopropylbenzene
Concen: 3.45 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

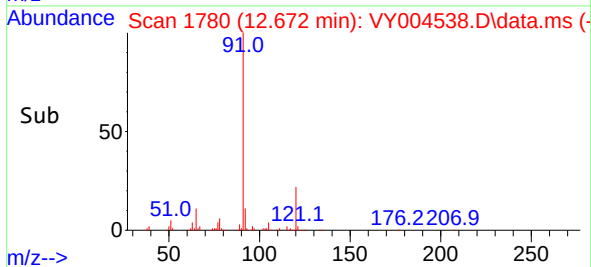
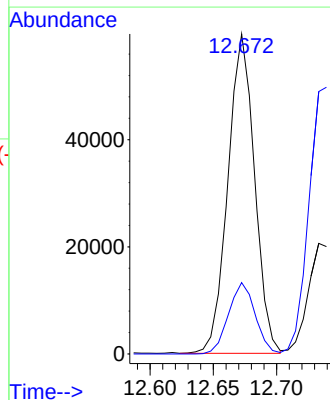
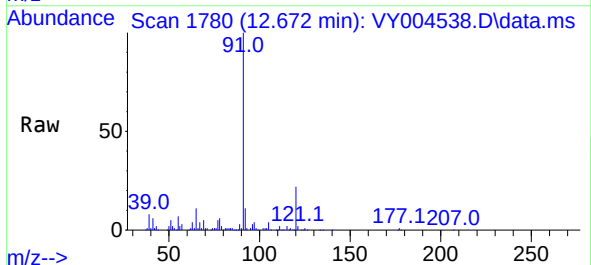
Instrument :
MSVOA_Y
ClientSampled :
HR-01-042021

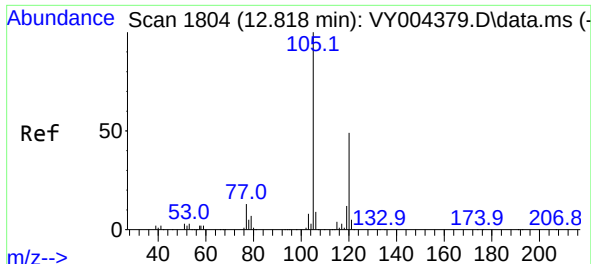
Tgt Ion: 105 Resp: 24625
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#78
n-propylbenzene
Concen: 10.39 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Tgt Ion: 91 Resp: 87492
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

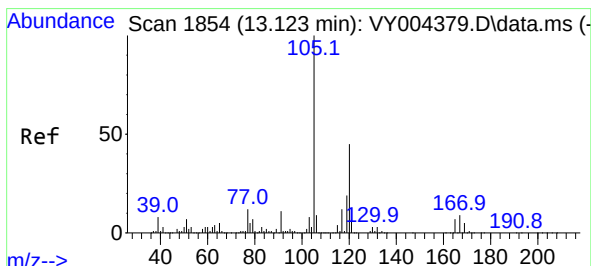
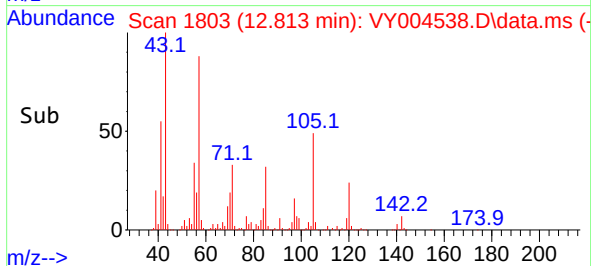
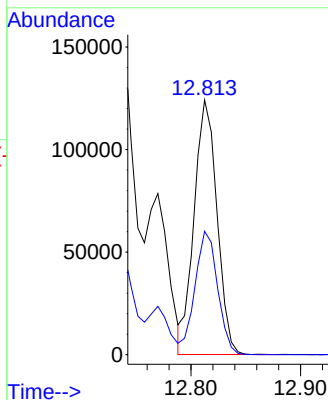
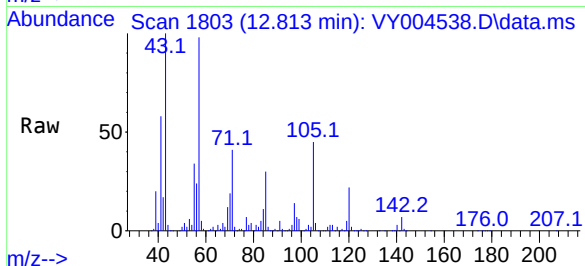




#80
1,3,5-Trimethylbenzene
Concen: 31.04 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

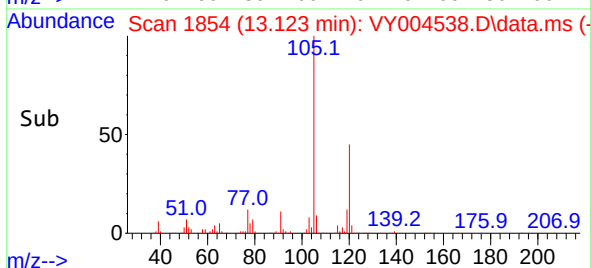
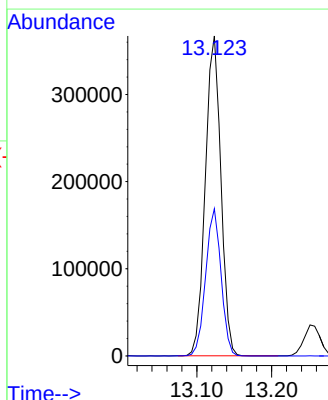
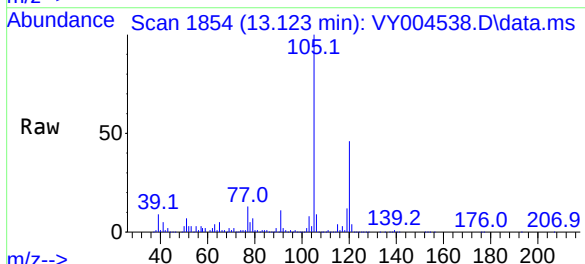
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MSVOA_Y
ClientSampleId :
HR-01-042021

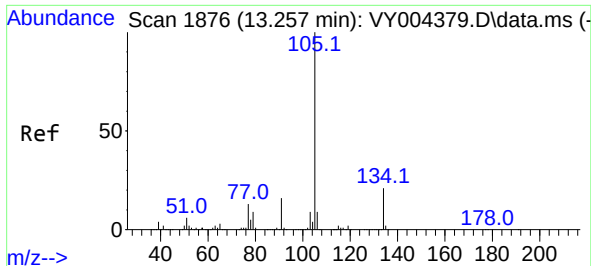
Tgt Ion:105 Resp: 179876
Ion Ratio Lower Upper
105 100
120 48.1 24.6 74.0



#84
1,2,4-Trimethylbenzene
Concen: 90.72 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Tgt Ion:105 Resp: 530557
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3

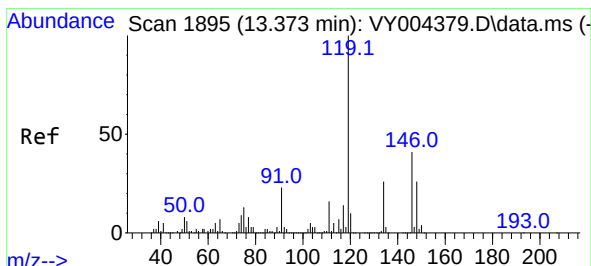
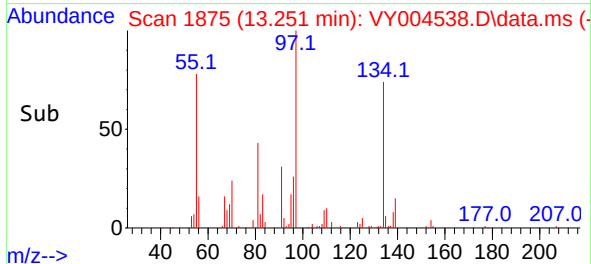
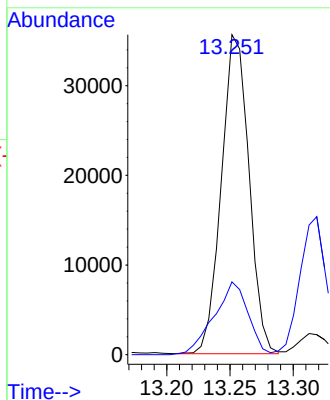
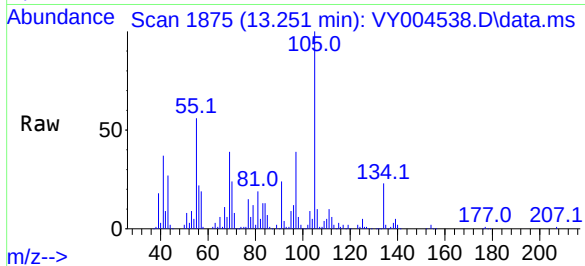




#85
 sec-Butylbenzene
 Concen: 7.81 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY004538.D
 Acq: 20 Apr 2021 18:51

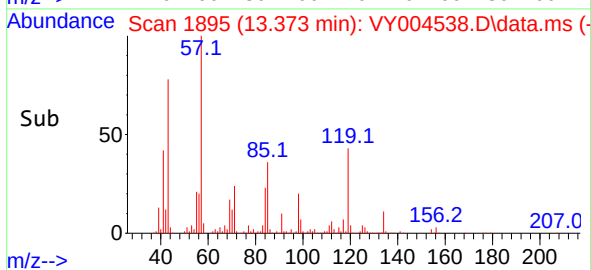
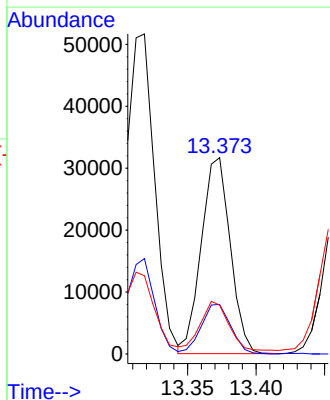
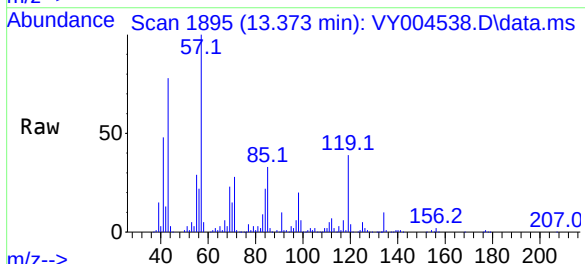
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-042021

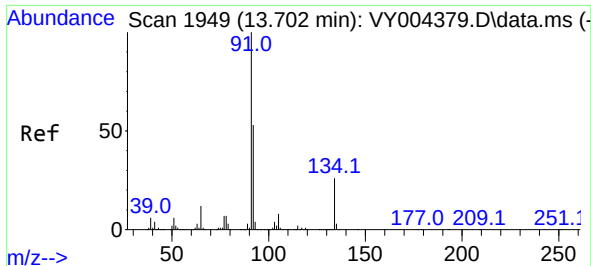
Tgt Ion:105 Resp: 54008
 Ion Ratio Lower Upper
 105 100
 134 28.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 7.42 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004538.D
 Acq: 20 Apr 2021 18:51

Tgt Ion:119 Resp: 46710
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 24.1 11.9 35.7

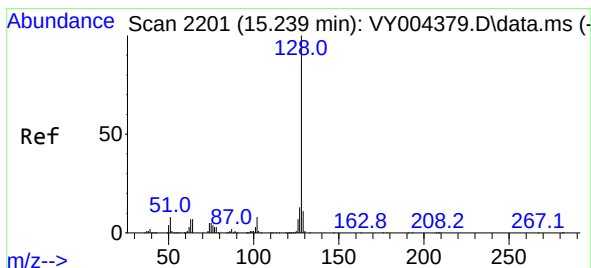
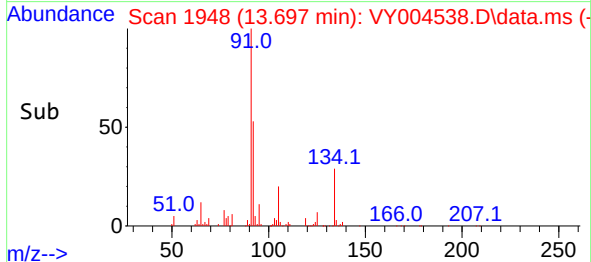
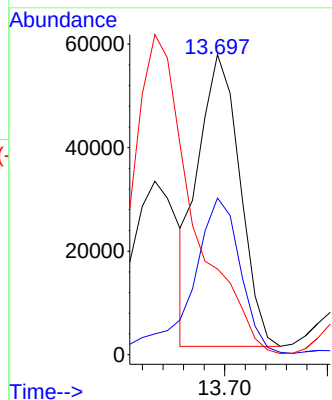
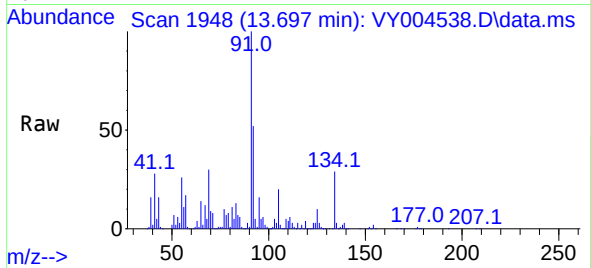




#89
n-Butylbenzene
Concen: 13.23 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042021

Tgt Ion: 91 Resp: 79489
Ion Ratio Lower Upper
91 100
92 61.8 26.6 79.8
134 0.0 12.7 38.1#



#95
Naphthalene
Concen: 13.26 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004538.D
Acq: 20 Apr 2021 18:51

Tgt Ion:128 Resp: 50499
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 17.2 8.8 13.2#

