

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006192.D
 Acq On : 28 Sep 2021 16:46
 Operator : SY/MD
 Sample : M3933-01
 Misc : 1.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0922-XYL-1

Manual Integrations
 APPROVED

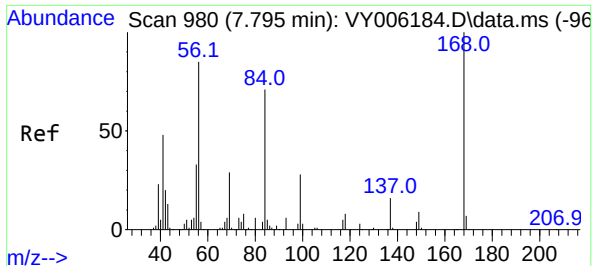
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Quant Time: Sep 29 03:21:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

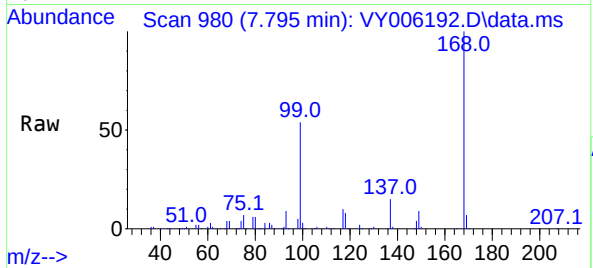
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	155621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	258713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	234086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100170	60.140	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.280%			
35) Dibromofluoromethane	7.728	113	76235	55.155	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.300%			
50) Toluene-d8	10.185	98	327065	56.539	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.080%			
62) 4-Bromofluorobenzene	12.483	95	100280	51.029	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.060%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	3390m	23.267	ug/l	
16) Acetone	3.954	43	45462	97.725	ug/l	100
25) 2-Butanone	6.996	43	34206	52.786	ug/l	99
37) Ethyl Acetate	7.076	43	3799	2.533	ug/l	97
40) Benzene	8.167	78	9769	1.338	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	600217	401.927	ug/l	97
52) Toluene	10.246	92	7976	1.761	ug/l	95
67) Ethyl Benzene	11.593	91	183347	20.972	ug/l	99
68) m/p-Xylenes	11.697	106	306282	92.319	ug/l	99
69) o-Xylene	12.032	106	217027	69.264	ug/l	100
73) Isopropylbenzene	12.331	105	14473	1.918	ug/l	97
78) n-propylbenzene	12.672	91	45101	4.856	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	111552	17.682	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	398121	63.910	ug/l	99
95) Naphthalene	15.233	128	8661	2.153	ug/l #	92

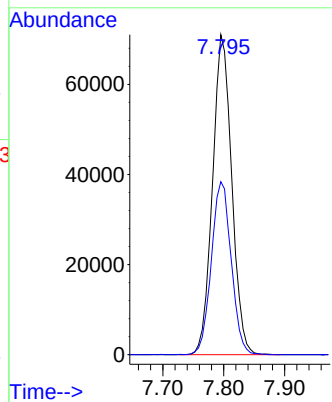
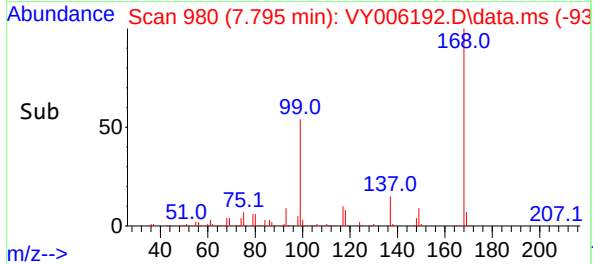
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006192.D
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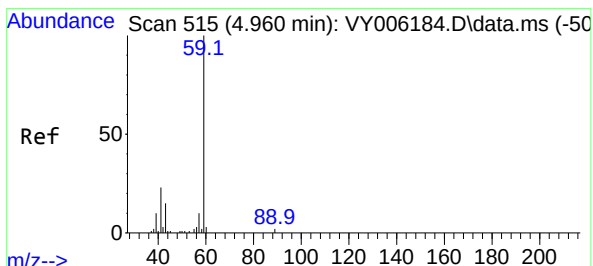
Tgt Ion: 168 Resp: 155621
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



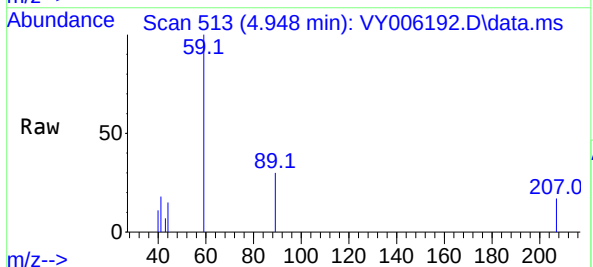
Instrument :
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ClientSampleId :
191-0922-XYL-1

Manual Integrations
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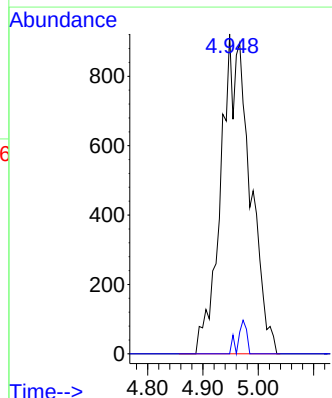
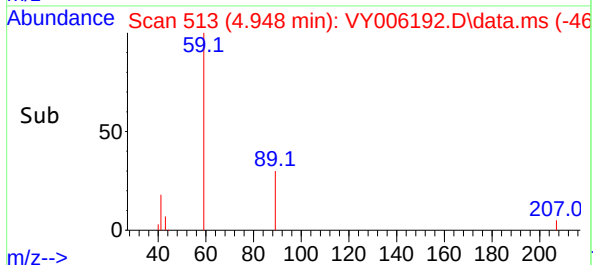
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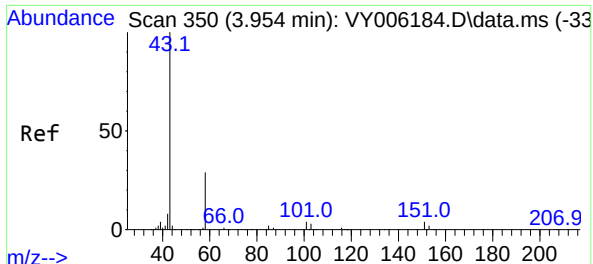


#11
Tert butyl alcohol
Concen: 23.267 ug/l m
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46



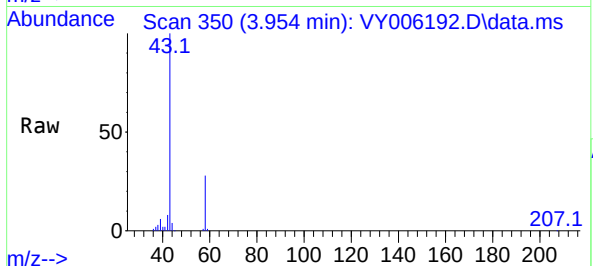
Tgt Ion: 59 Resp: 3390
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16
Acetone
Concen: 97.725 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

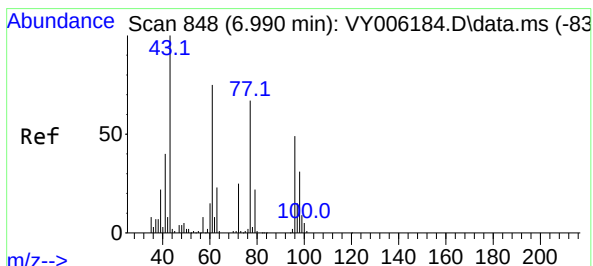
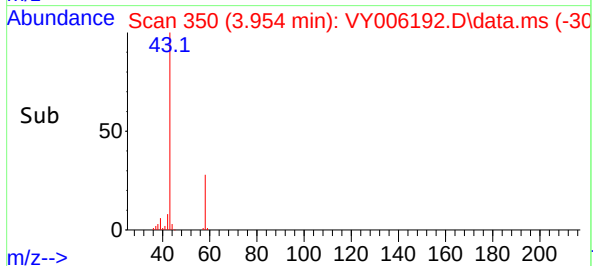
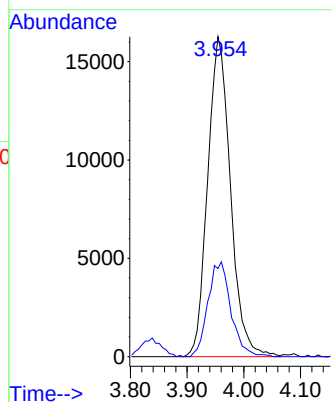
Instrument :
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ClientSampleId :
191-0922-XYL-1



Tgt Ion: 43 Resp: 45462
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0

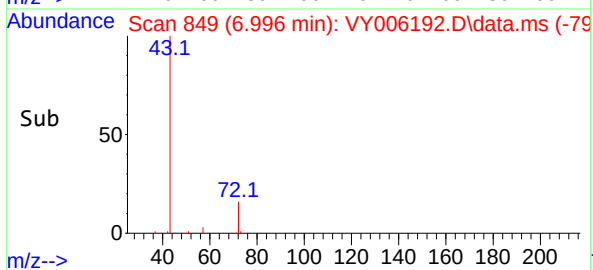
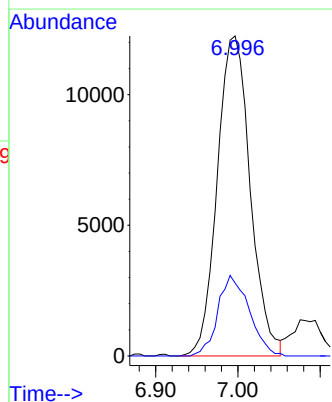
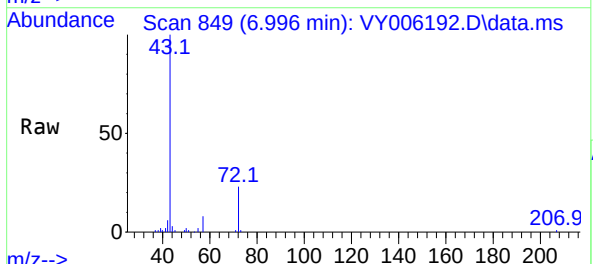
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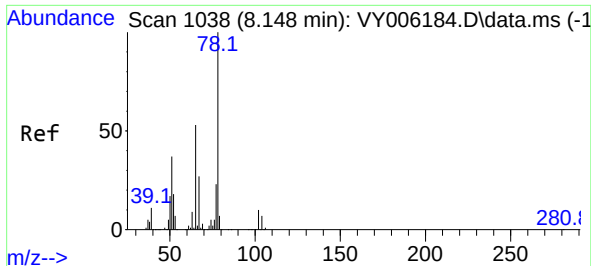
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#25
2-Butanone
Concen: 52.786 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion: 43 Resp: 34206
Ion Ratio Lower Upper
43 100
72 22.8 17.7 26.5





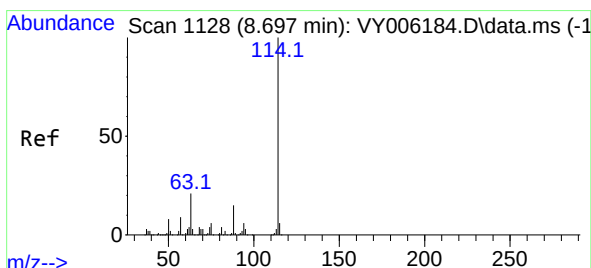
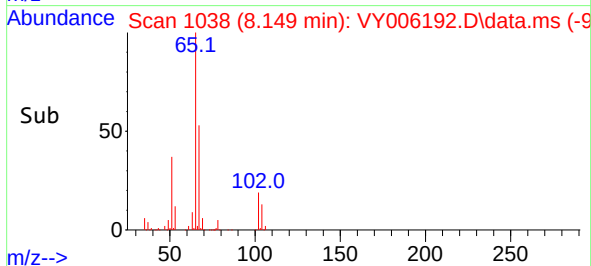
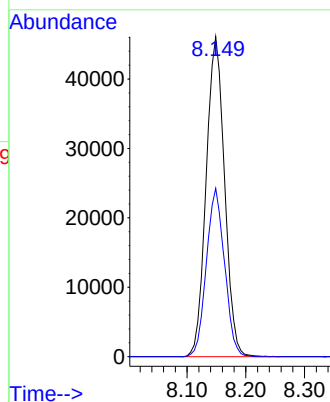
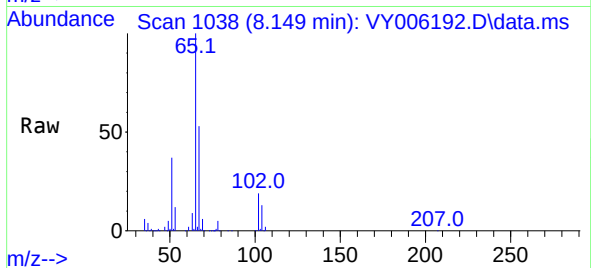
#33
1,2-Dichloroethane-d4
Concen: 60.140 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006192.D
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Tgt Ion: 65 Resp: 100170
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4

Instrument :
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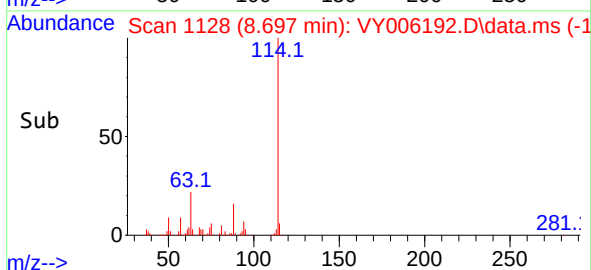
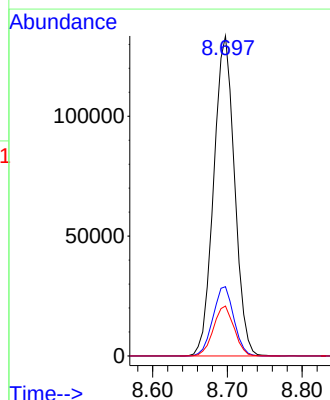
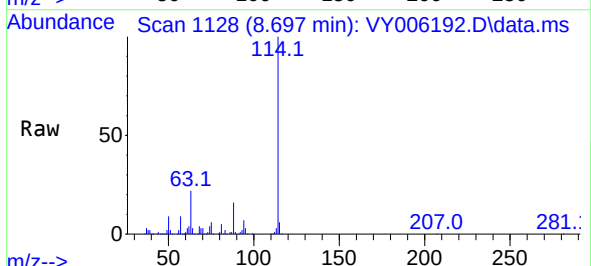
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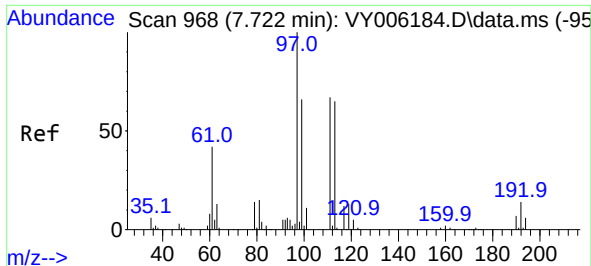
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion: 114 Resp: 258713
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 15.6 0.0 31.8





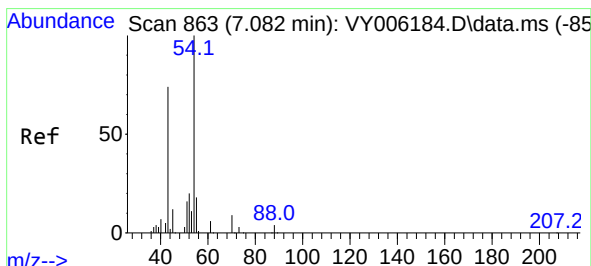
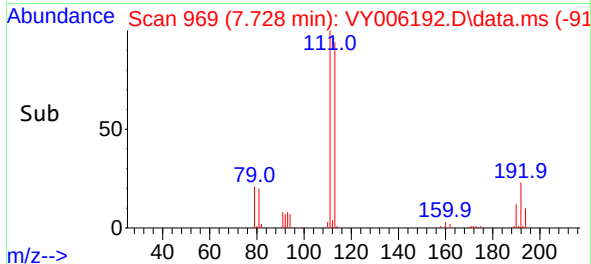
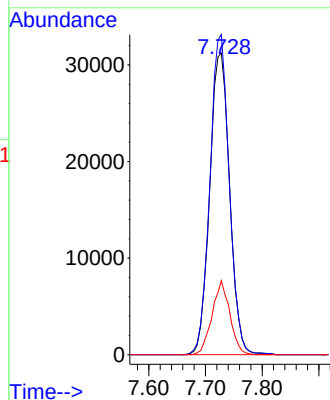
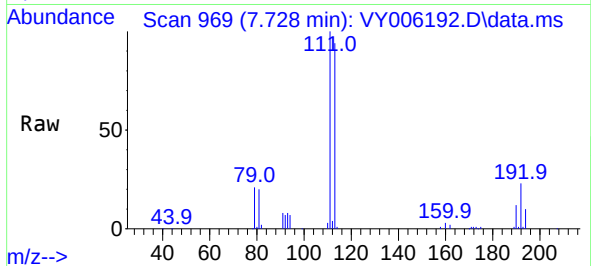
#35
Dibromofluoromethane
Concen: 55.155 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion:	113	Resp:	76235
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	21.9	17.6	26.4

Instrument :
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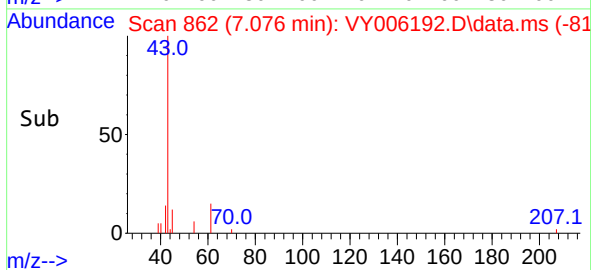
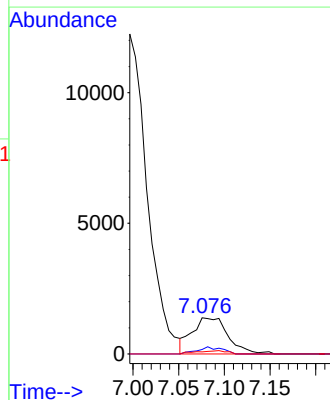
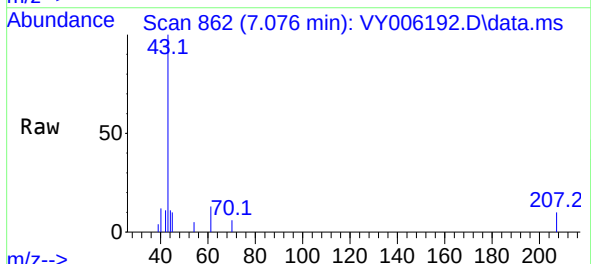
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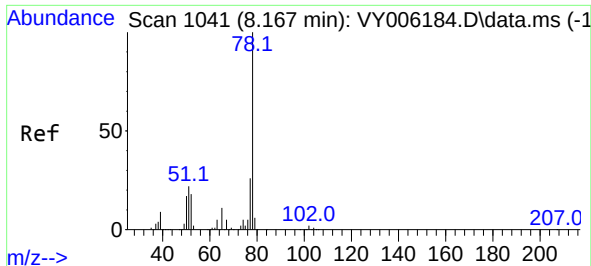
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#37
Ethyl Acetate
Concen: 2.533 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

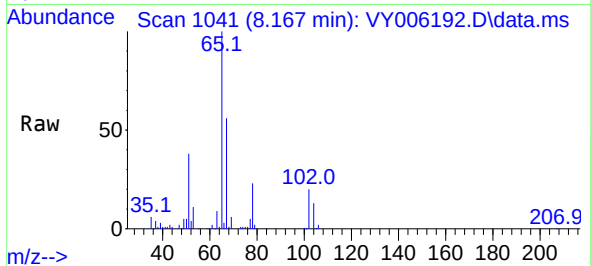
Tgt Ion:	43	Resp:	3799
Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.7	14.5
70	7.8	7.1	10.7





#40
Benzene
Concen: 1.338 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

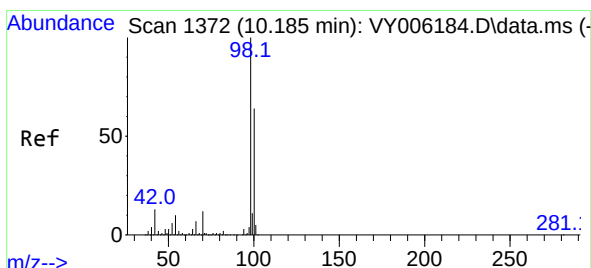
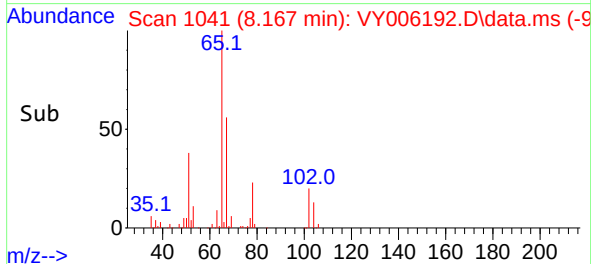
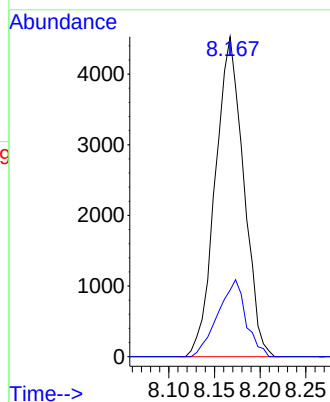
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ClientSampleId :
191-0922-XYL-1



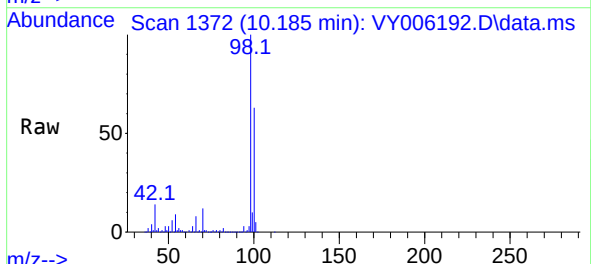
Tgt Ion: 78 Resp: 9769
Ion Ratio Lower Upper
78 100
77 20.8 20.4 30.6

Manual Integrations
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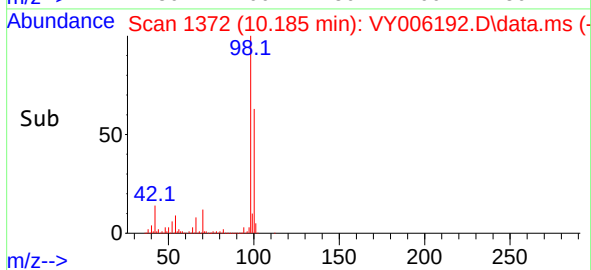
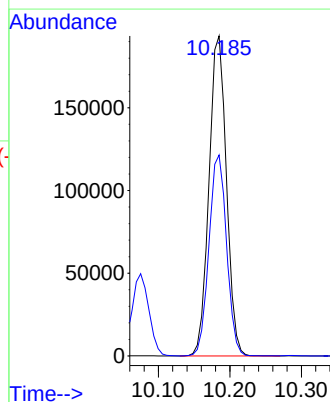
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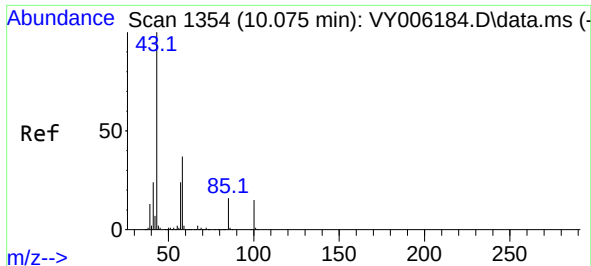


#50
Toluene-d8
Concen: 56.539 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46



Tgt Ion: 98 Resp: 327065
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2





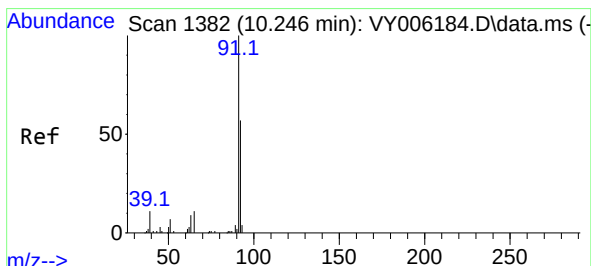
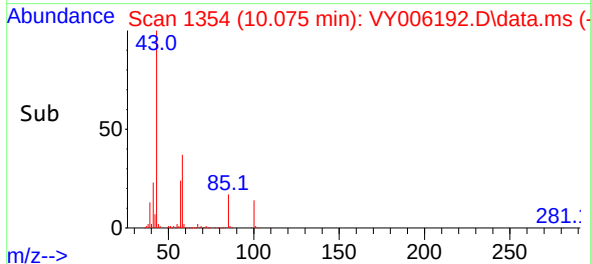
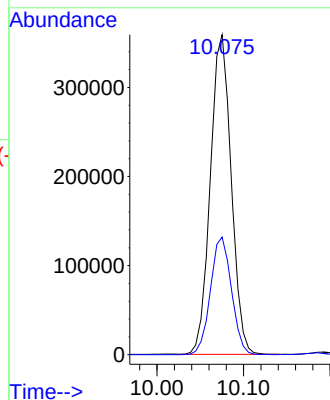
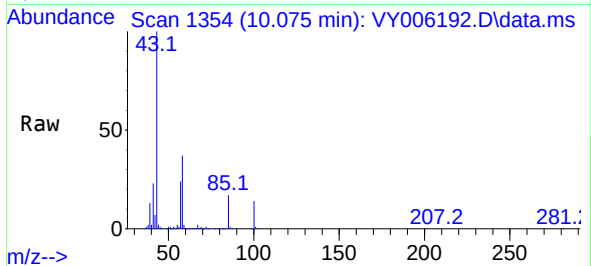
#51
4-Methyl-2-Pentanone
Concen: 401.927 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion: 43 Resp: 600217
Ion Ratio Lower Upper
43 100
58 37.1 28.1 42.1

Instrument :
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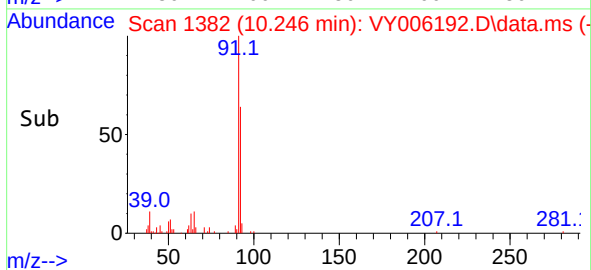
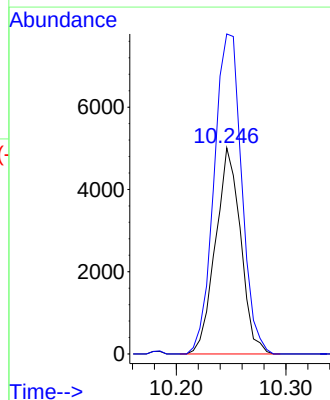
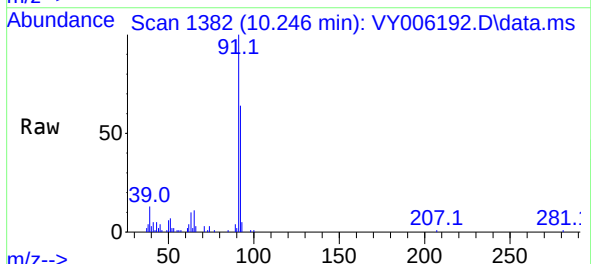
Manual Integrations
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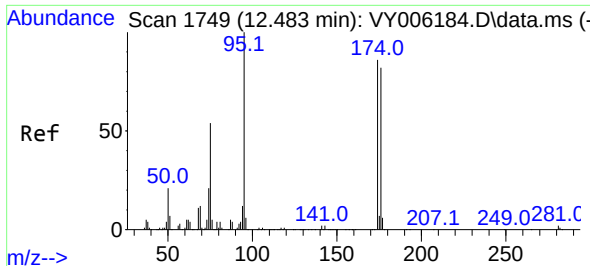
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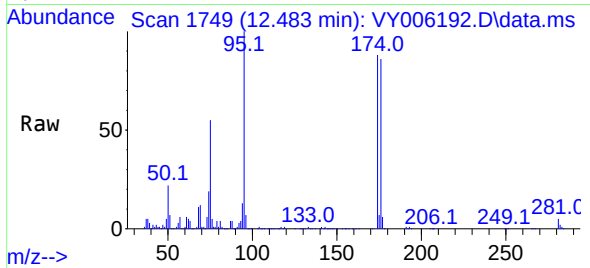
#52
Toluene
Concen: 1.761 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion: 92 Resp: 7976
Ion Ratio Lower Upper
92 100
91 170.6 142.6 213.8

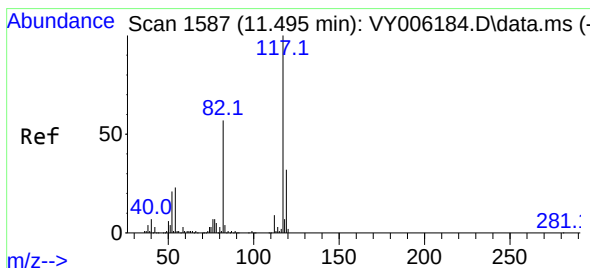
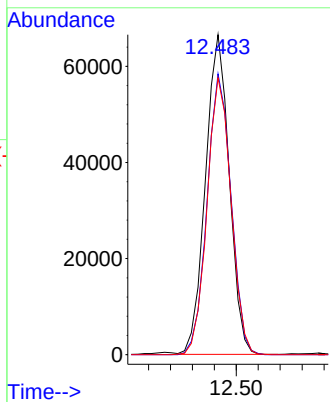
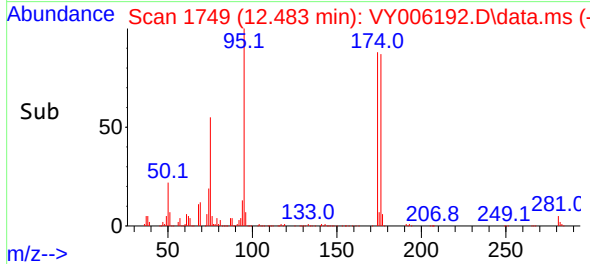




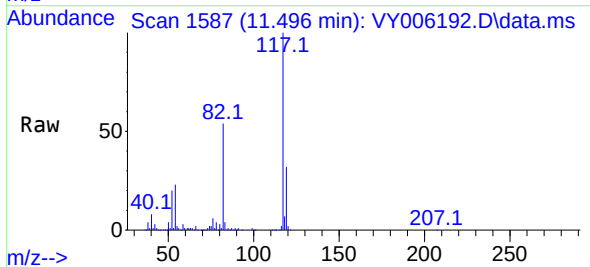
#62
4-Bromofluorobenzene
Concen: 51.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46



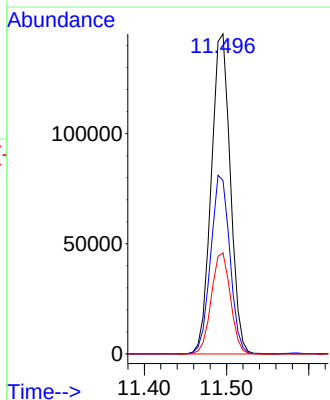
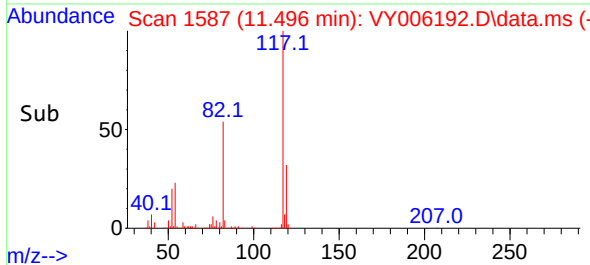
Tgt Ion: 95 Resp: 100280
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 87.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46



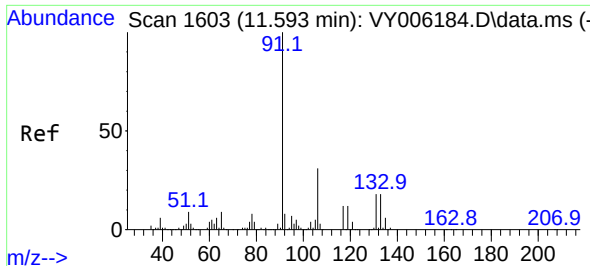
Tgt Ion: 117 Resp: 234086
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.6 25.4 38.0



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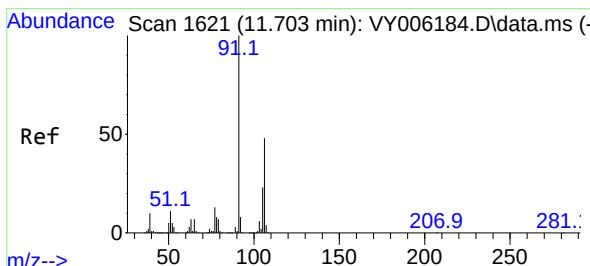
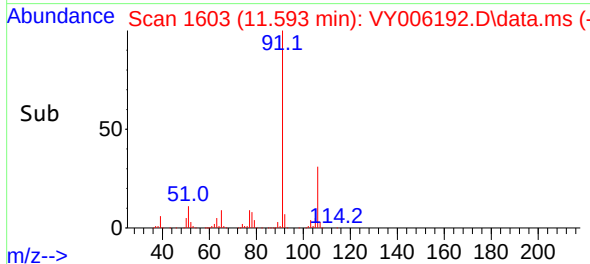
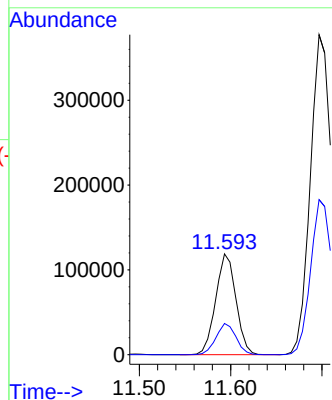
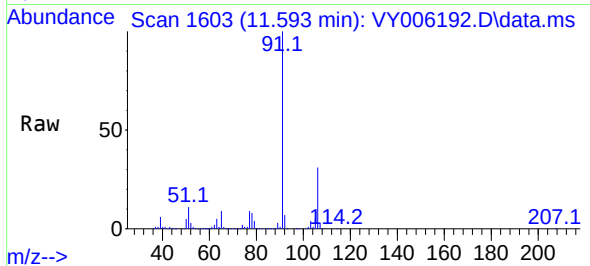
#67
Ethyl Benzene
Concen: 20.972 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion: 91 Resp: 183347
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-1

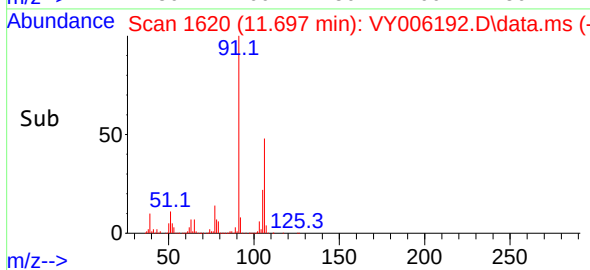
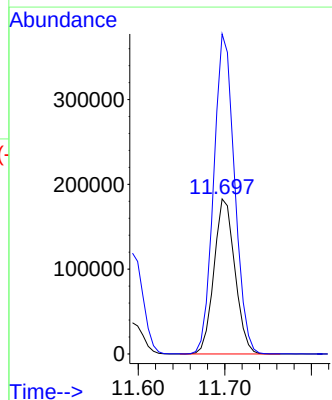
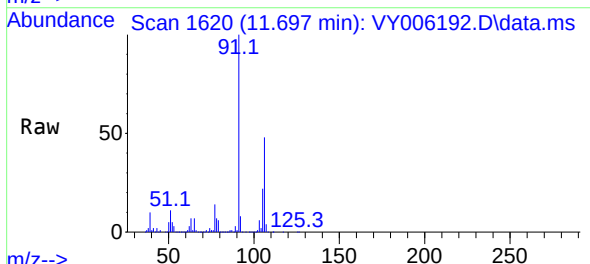
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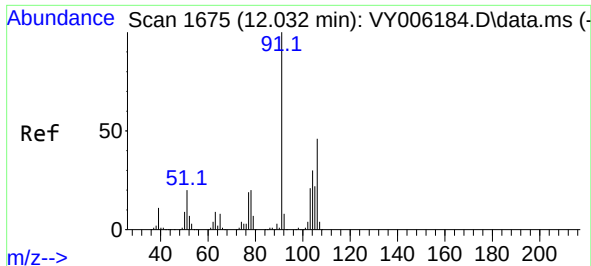
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#68
m/p-Xylenes
Concen: 92.319 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion: 106 Resp: 306282
Ion Ratio Lower Upper
106 100
91 206.4 166.6 249.8





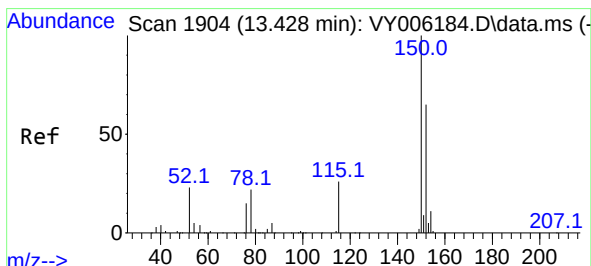
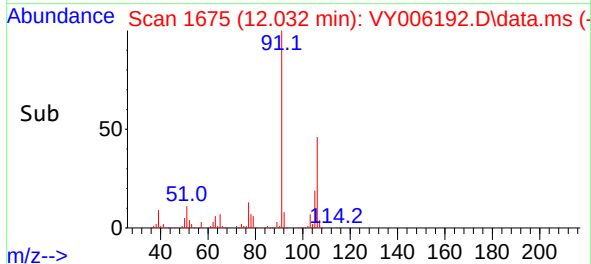
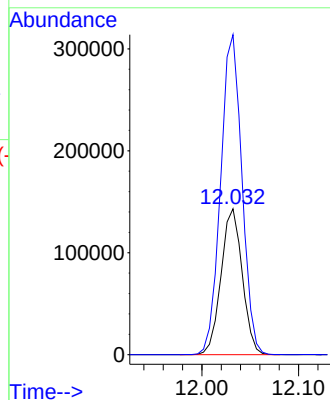
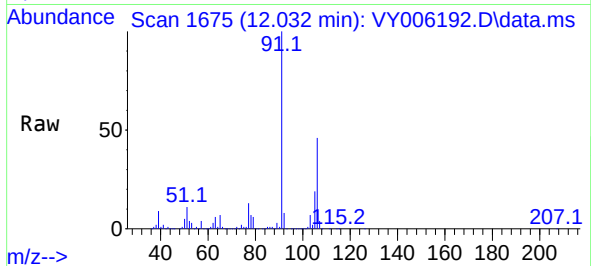
#69
o-Xylene
Concen: 69.264 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion:106 Resp: 217027
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-1

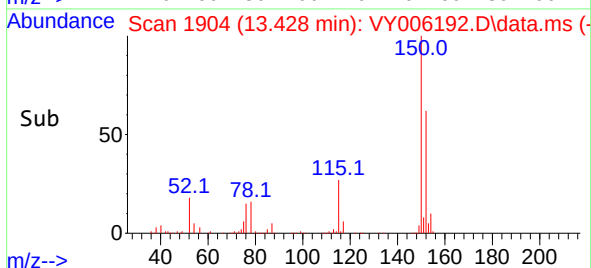
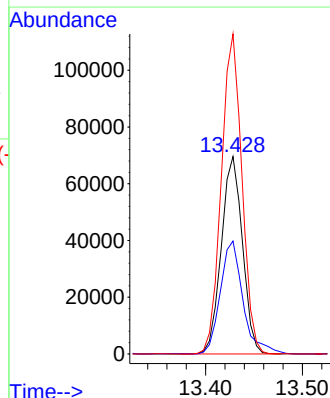
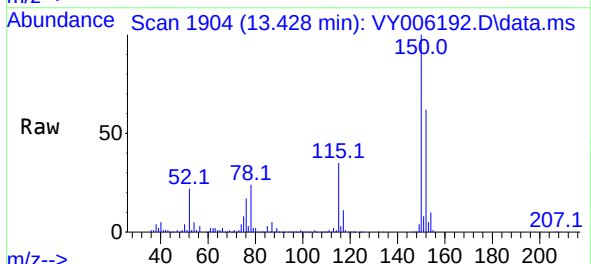
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APPROVED

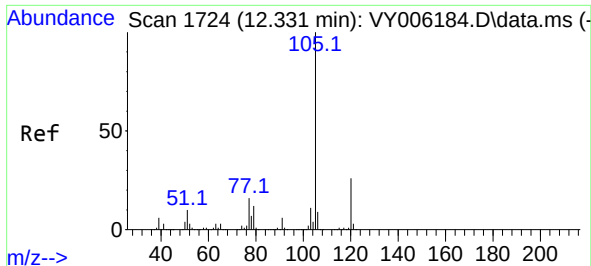
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

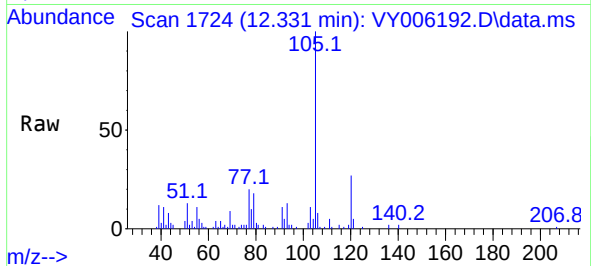
Tgt Ion:152 Resp: 105327
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 158.2 0.0 347.6





#73
Isopropylbenzene
Concen: 1.918 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

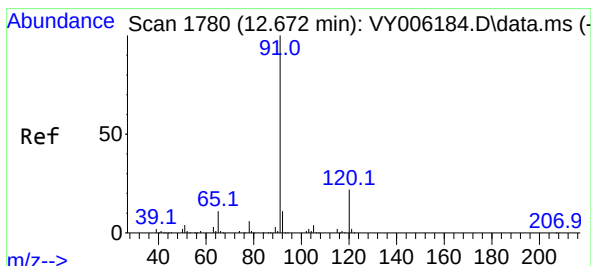
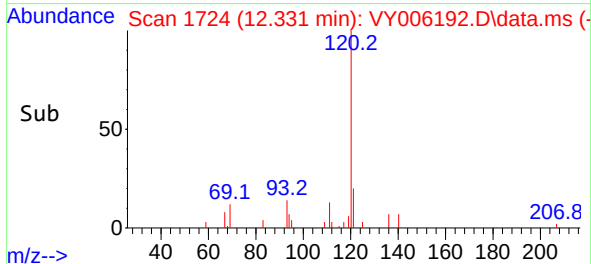
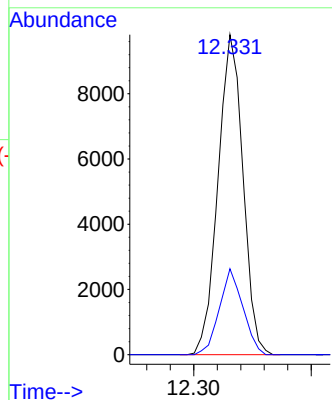
Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-1



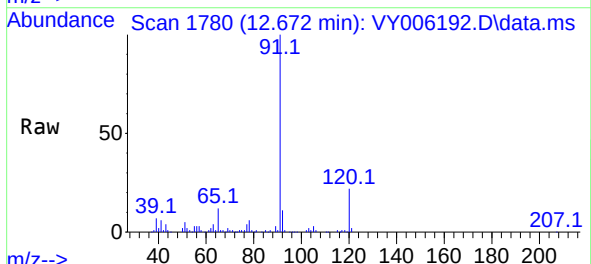
Tgt Ion: 105 Resp: 14473
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.2

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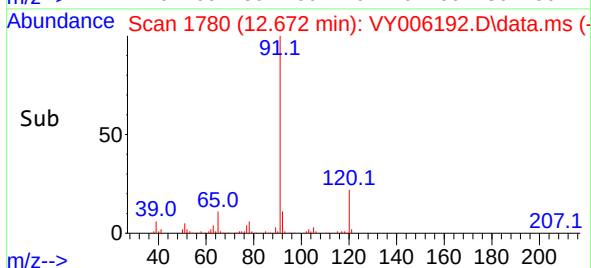
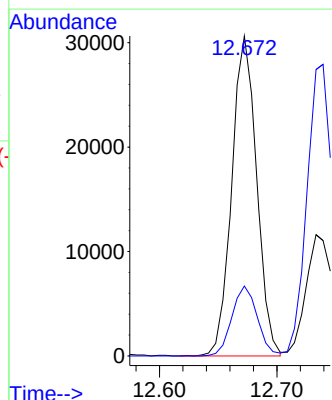
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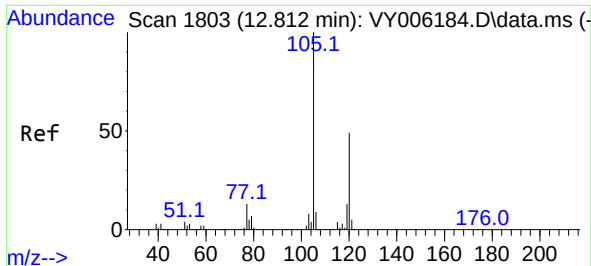


#78
n-propylbenzene
Concen: 4.856 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46



Tgt Ion: 91 Resp: 45101
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9





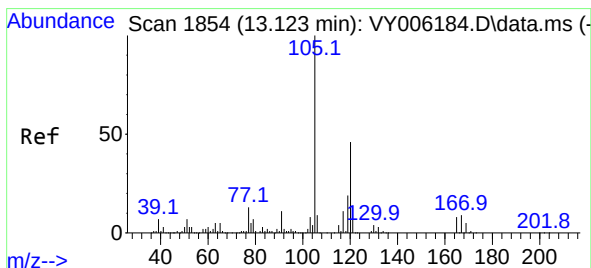
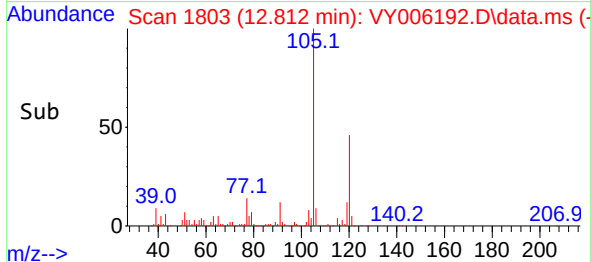
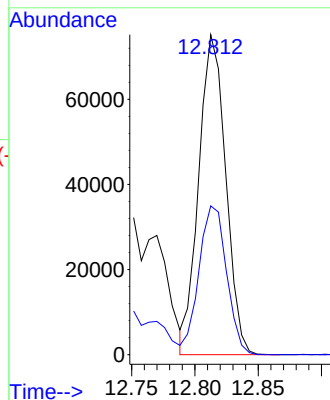
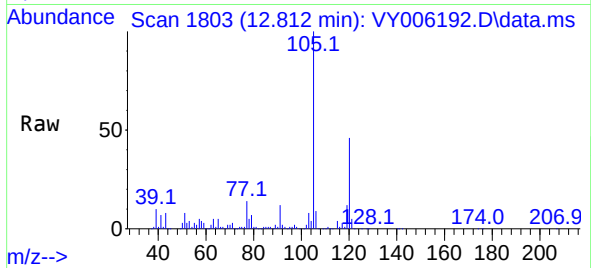
#80
1,3,5-Trimethylbenzene
Concen: 17.682 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion:105 Resp: 111552
Ion Ratio Lower Upper
105 100
120 47.8 24.4 73.4

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-1

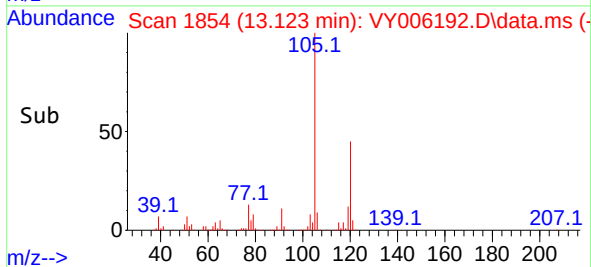
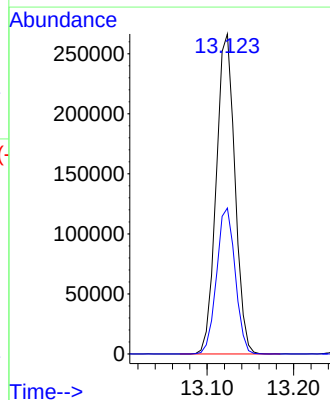
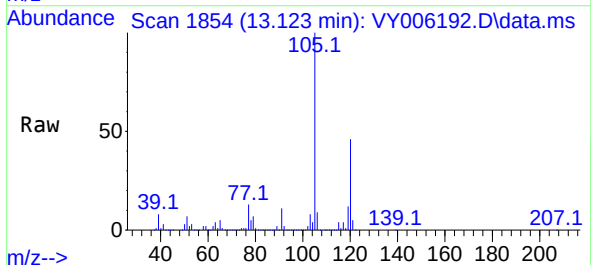
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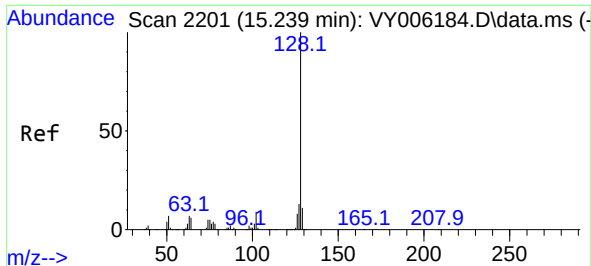
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#84
1,2,4-Trimethylbenzene
Concen: 63.910 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion:105 Resp: 398121
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.9





#95
Naphthalene
Concen: 2.153 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006192.D
Acq: 28 Sep 2021 16:46

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.8	11.0	16.4#
129	13.4	8.4	12.6#

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-1

Manual Integrations
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