

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004886.D
 Acq On : 26 May 2021 15:04
 Operator : SY/MD
 Sample : M2521-01RE
 Misc : 2.54G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-052521RE

Manual Integrations
 APPROVED

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 5/27/2021 10:32:56 AM

Quant Time: May 27 01:16:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	180859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131648	61.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.30%			
35) Dibromofluoromethane	7.722	113	105261	57.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.94%			
50) Toluene-d8	10.179	98	404372	48.87	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.74%			
62) 4-Bromofluorobenzene	12.483	95	151081	54.10	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.20%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	6443	13.32	ug/l	93
52) Toluene	10.246	92	17119	2.80	ug/l	99
67) Ethyl Benzene	11.593	91	69991	5.66	ug/l	99
68) m/p-Xylenes	11.697	106	110007	23.66	ug/l	99
69) o-Xylene	12.026	106	61430	14.14	ug/l	99
73) Isopropylbenzene	12.331	105	42284	3.72	ug/l	99
78) n-propylbenzene	12.672	91	122904	8.86	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	175524	18.60	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	517716	54.81	ug/l	99
85) sec-Butylbenzene	13.251	105	82379	7.03	ug/l	82
86) p-Isopropyltoluene	13.367	119	55416	5.46	ug/l	99
89) n-Butylbenzene	13.696	91	76006m	7.66	ug/l	
95) Naphthalene	15.233	128	15780	2.55	ug/l #	88

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

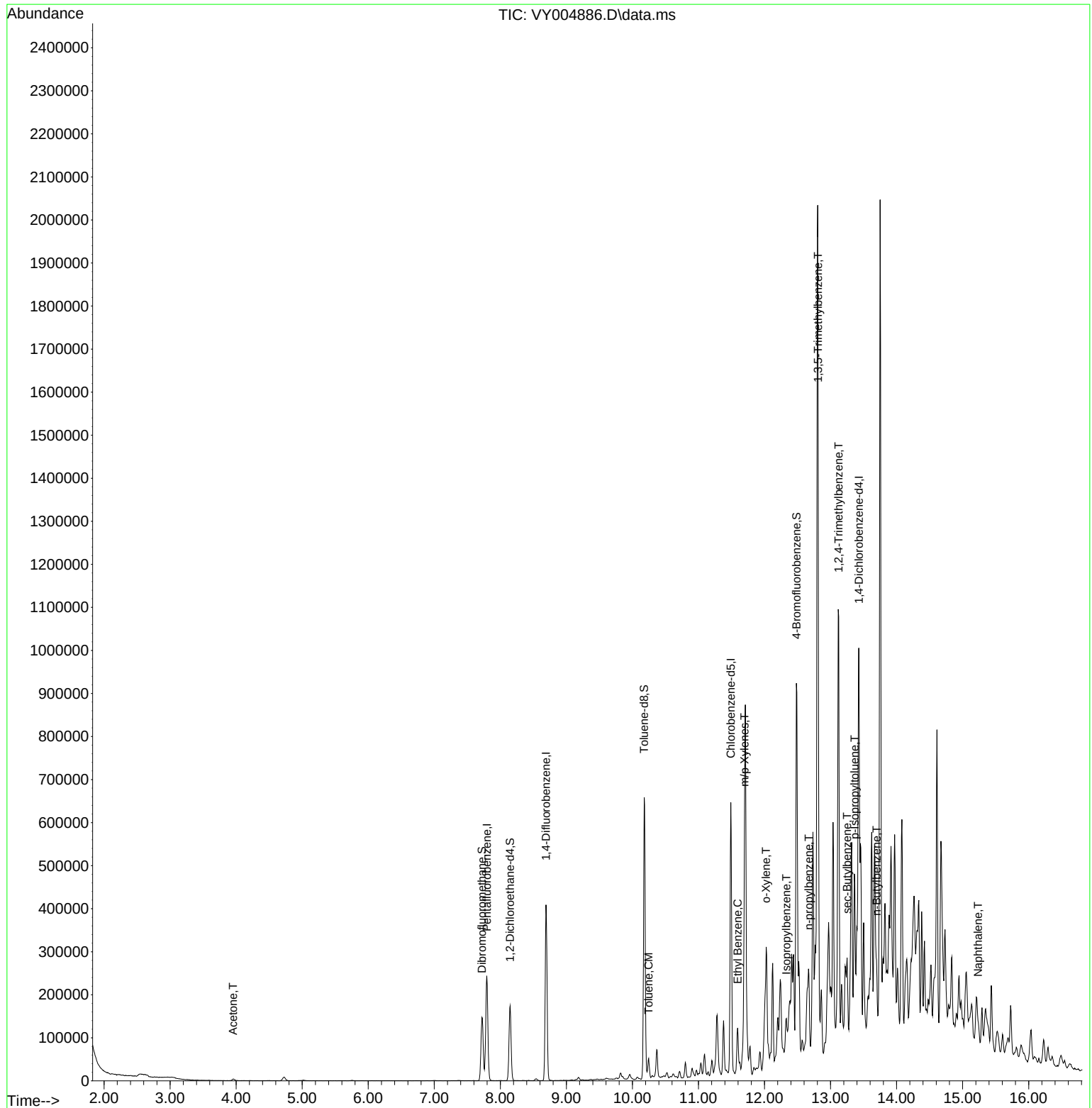
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004886.D
Acq On : 26 May 2021 15:04
Operator : SY/MD
Sample : M2521-01RE
Misc : 2.54G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

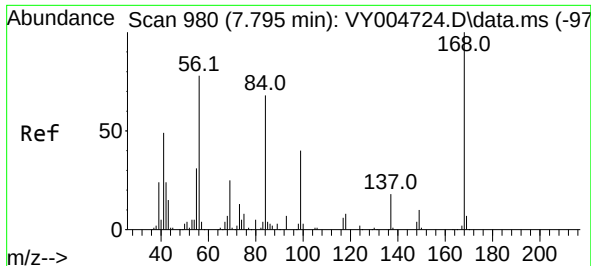
Instrument :
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HR-01-052521RE

Manual Integrations
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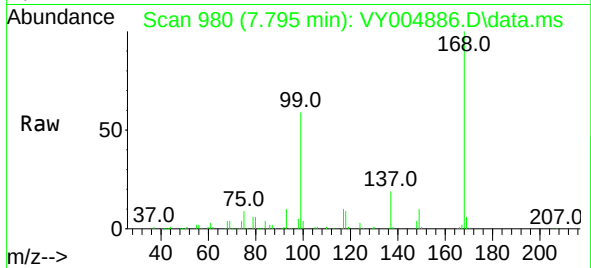
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5/27/2021 10:32:56 AM

Quant Time: May 27 01:16:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

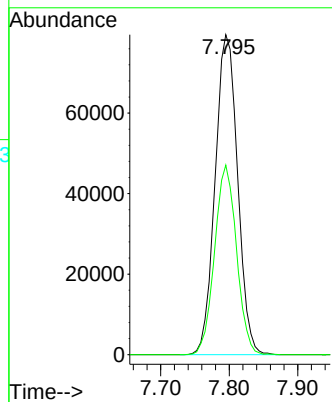
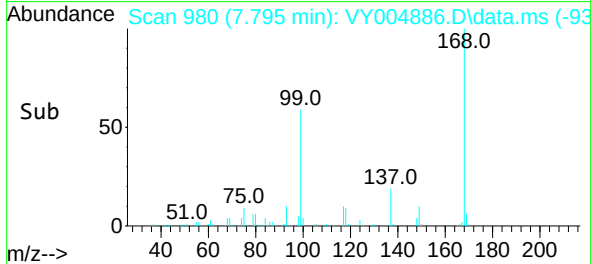




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



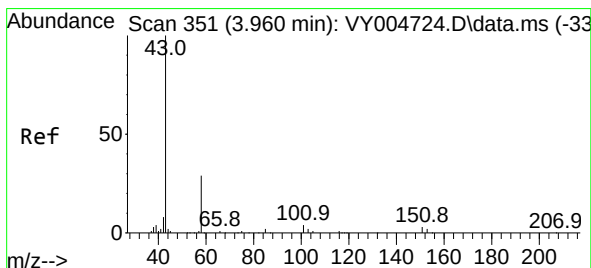
Tgt Ion:168 Resp: 180859
Ion Ratio Lower Upper
168 100
99 59.3 45.6 68.4



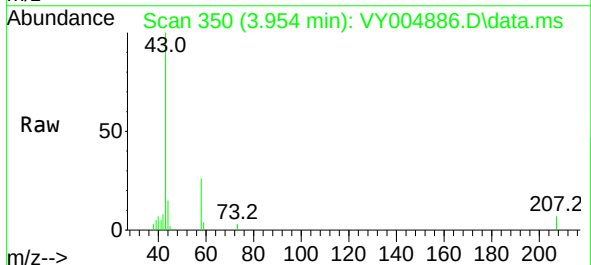
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521RE

Manual Integrations
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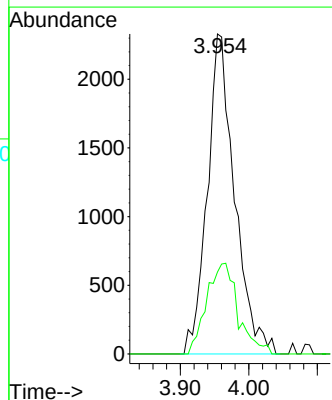
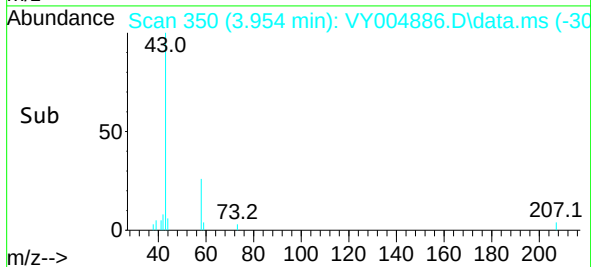
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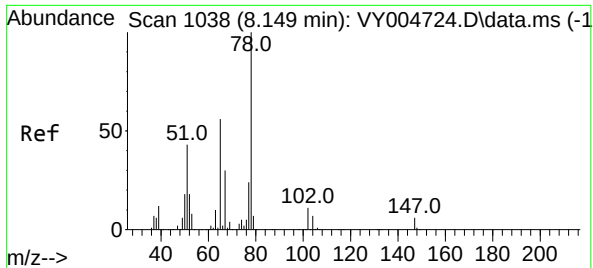


#16
Acetone
Concen: 13.32 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



Tgt Ion: 43 Resp: 6443
Ion Ratio Lower Upper
43 100
58 25.6 23.6 35.4





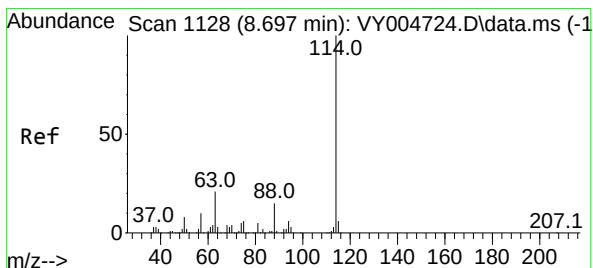
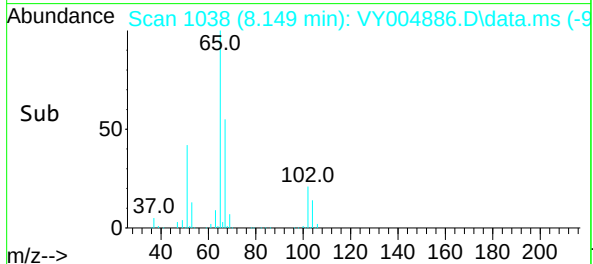
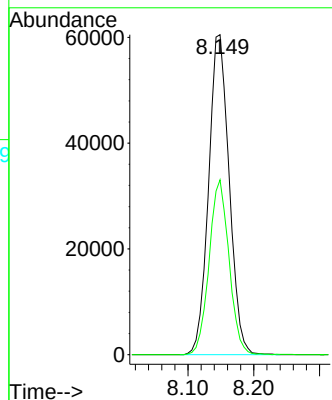
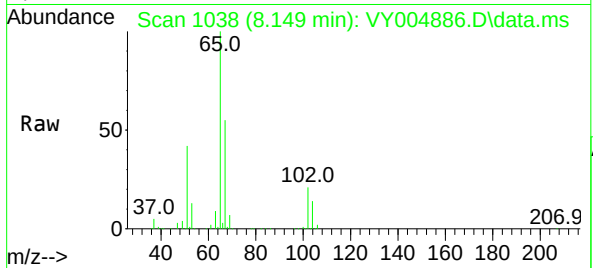
#33
1,2-Dichloroethane-d4
Concen: 61.15 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004886.D
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Tgt Ion: 65 Resp: 131648
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0

Instrument :
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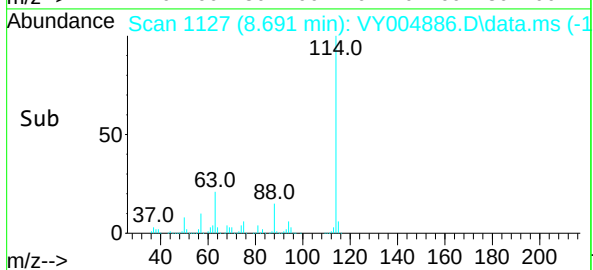
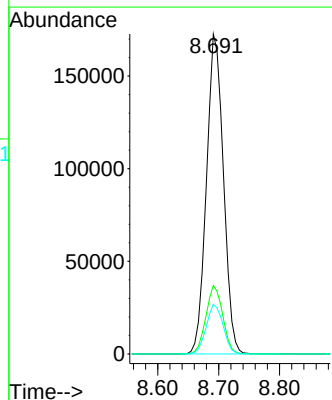
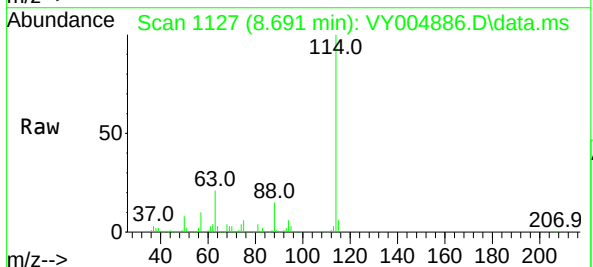
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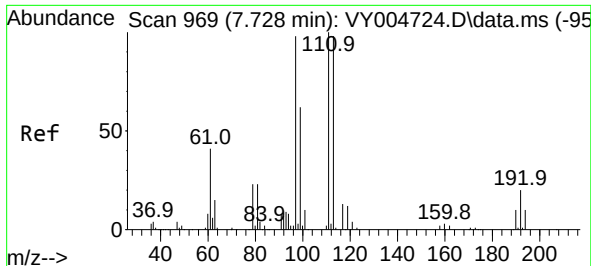
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

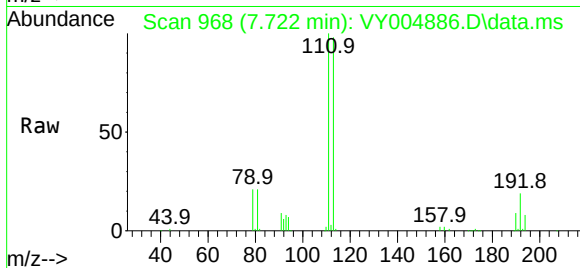
Tgt Ion: 114 Resp: 334576
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.8
88 15.5 0.0 31.0





#35
Dibromofluoromethane
Concen: 57.47 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

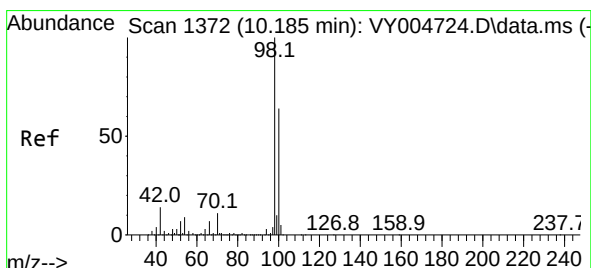
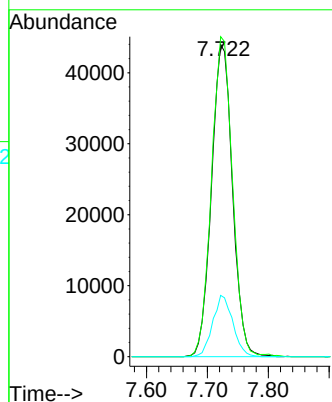
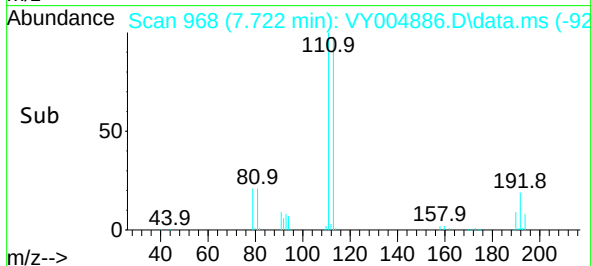
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521RE



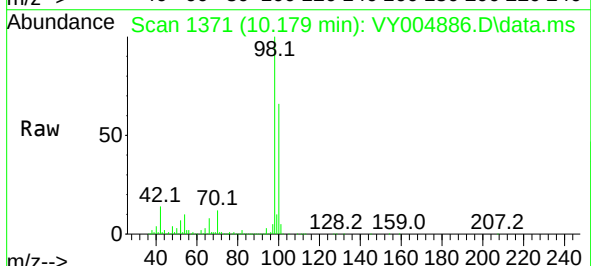
Tgt Ion:113 Resp: 105261
Ion Ratio Lower Upper
113 100
111 102.2 80.5 120.7
192 18.8 15.0 22.6

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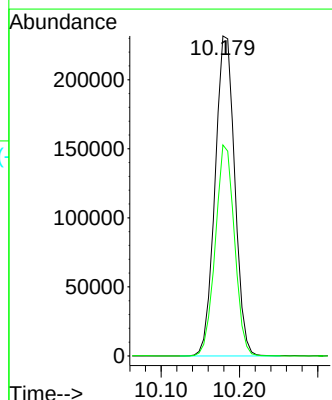
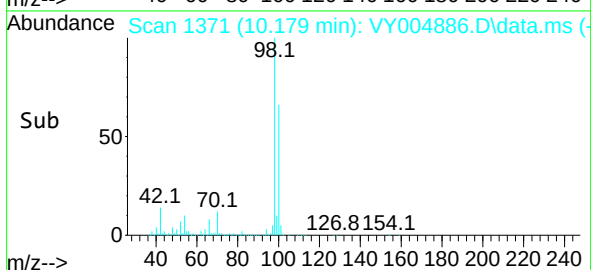
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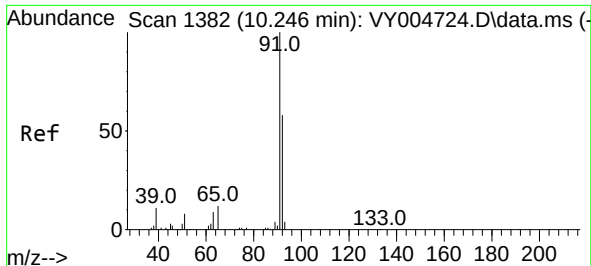


#50
Toluene-d8
Concen: 48.87 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



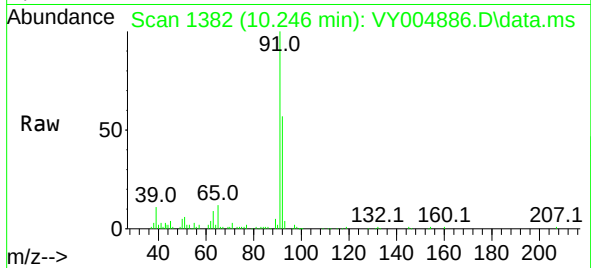
Tgt Ion: 98 Resp: 404372
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3





#52
Toluene
Concen: 2.80 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

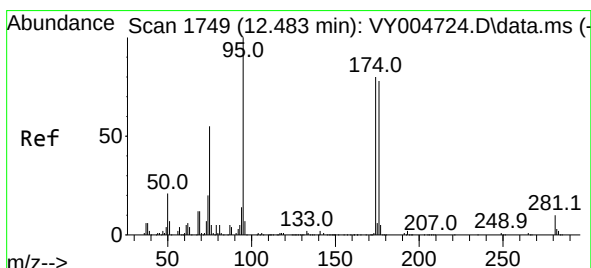
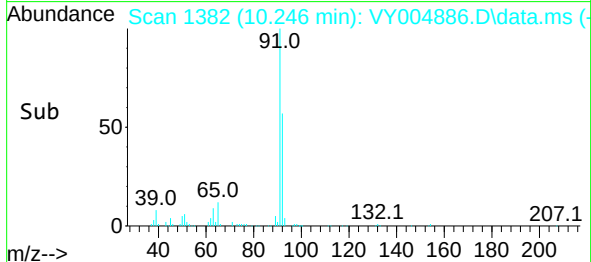
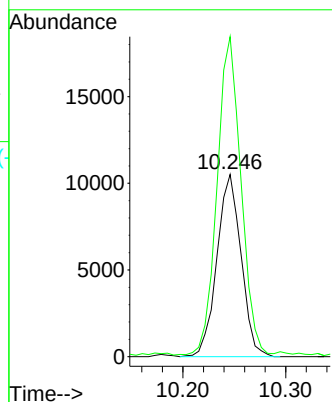
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ClientSampleId :
HR-01-052521RE



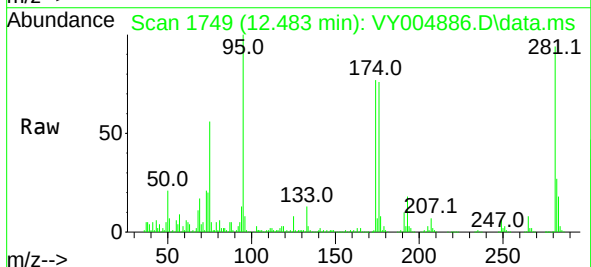
Tgt Ion: 92 Resp: 17119
Ion Ratio Lower Upper
92 100
91 171.9 138.2 207.4

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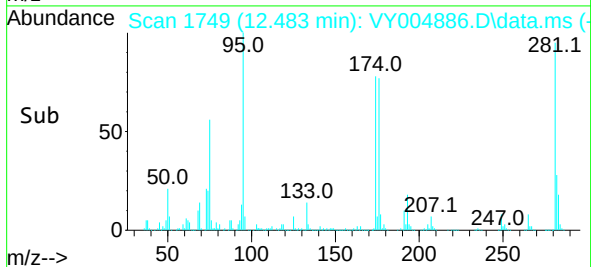
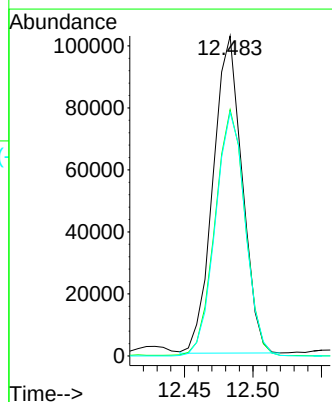
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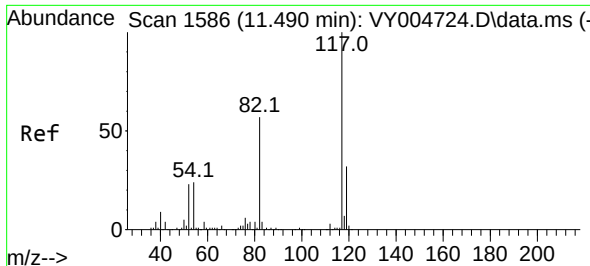


#62
4-Bromofluorobenzene
Concen: 54.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



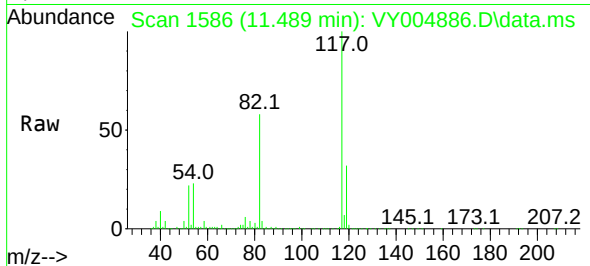
Tgt Ion: 95 Resp: 151081
Ion Ratio Lower Upper
95 100
174 80.0 0.0 164.2
176 78.9 0.0 159.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

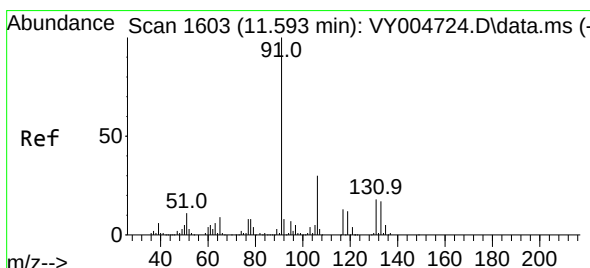
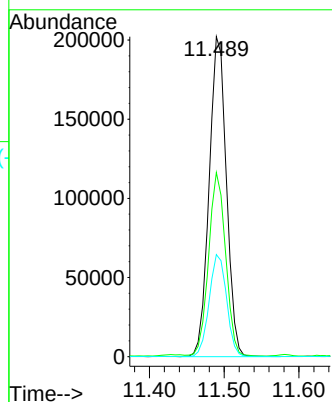
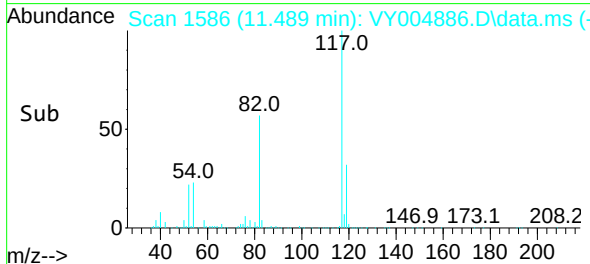
Instrument :
MSVOA_Y
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HR-01-052521RE



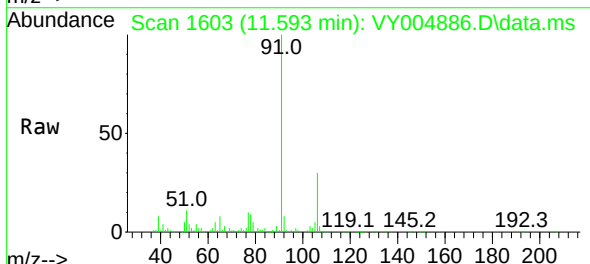
Tgt Ion:117 Resp: 323590
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 31.8 25.8 38.6

Manual Integrations
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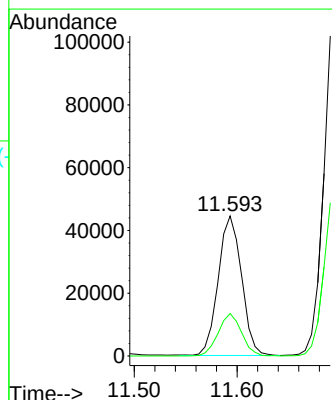
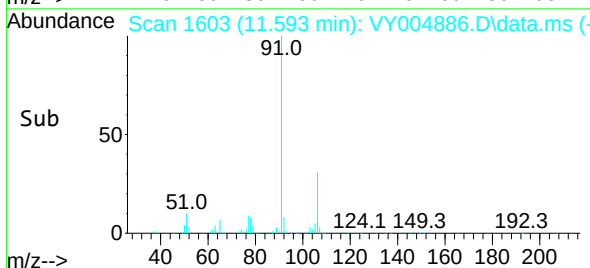
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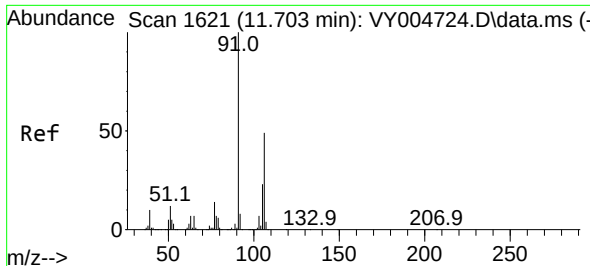


#67
Ethyl Benzene
Concen: 5.66 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



Tgt Ion: 91 Resp: 69991
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0





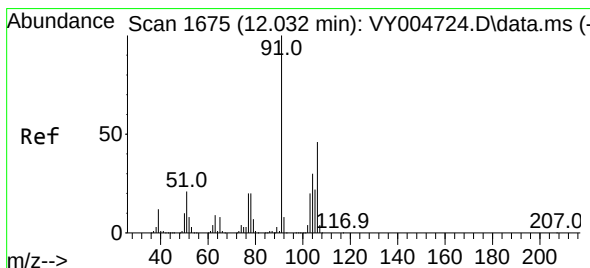
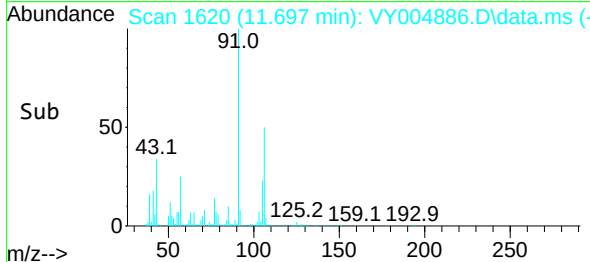
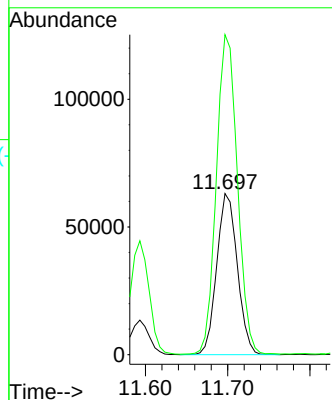
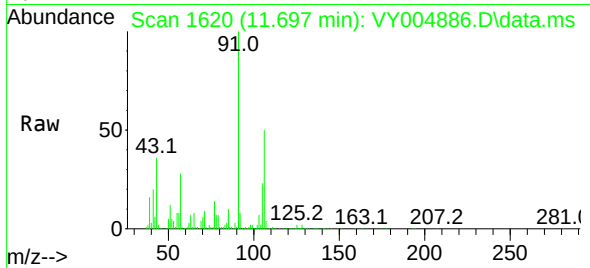
#68
m/p-Xylenes
Concen: 23.66 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

Tgt Ion:106 Resp: 110007
Ion Ratio Lower Upper
106 100
91 202.5 163.6 245.4

Instrument :
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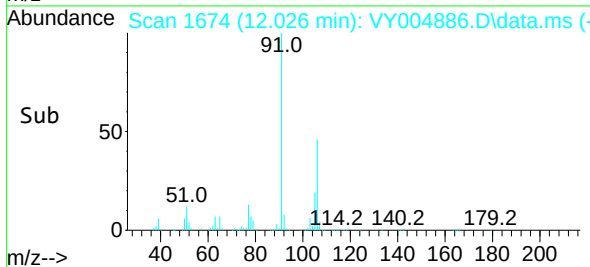
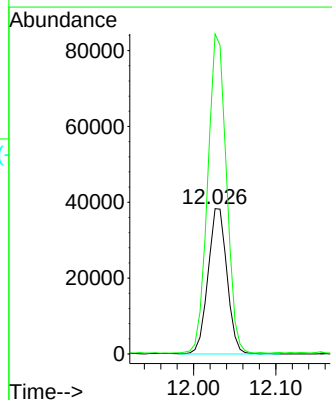
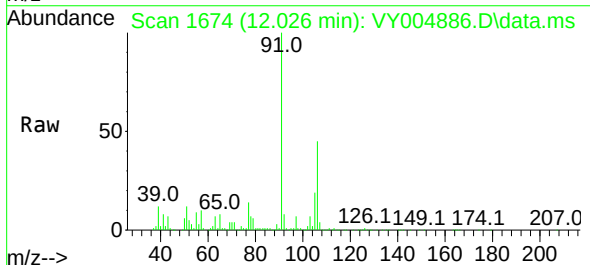
Manual Integrations
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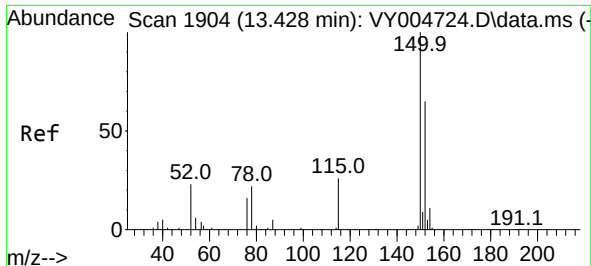
MMDadoda
5/27/2021 10:32:56 AM



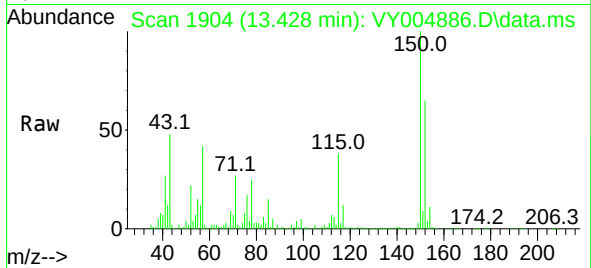
#69
o-Xylene
Concen: 14.14 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

Tgt Ion:106 Resp: 61430
Ion Ratio Lower Upper
106 100
91 216.4 108.9 326.7

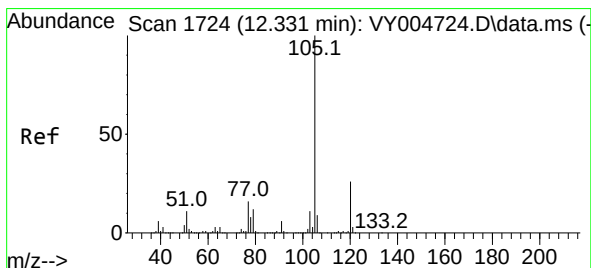
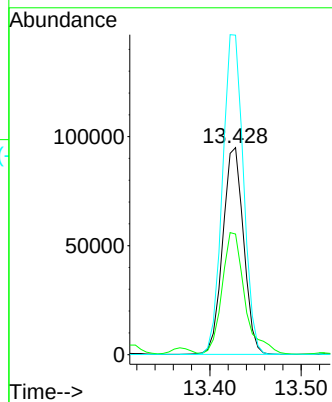
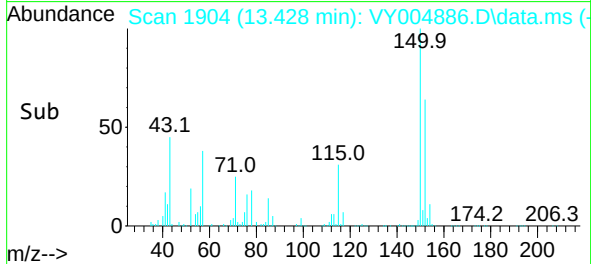




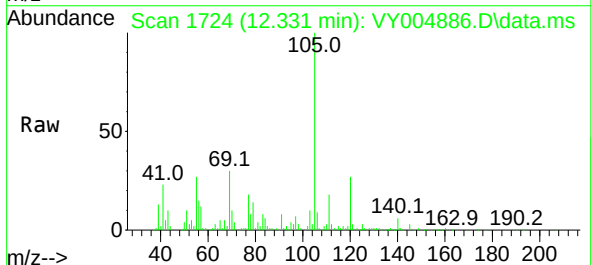
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



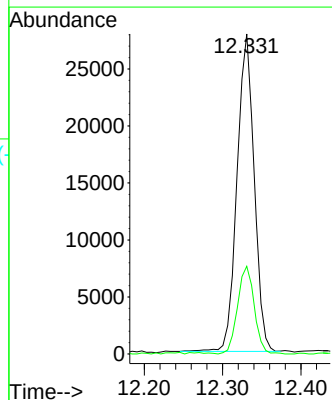
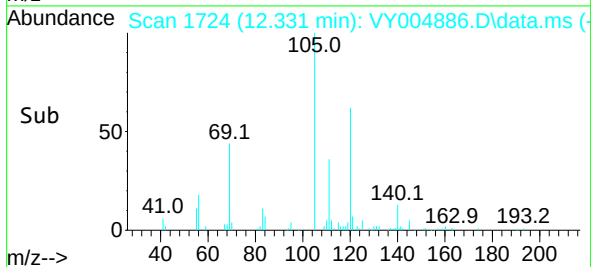
Tgt Ion:152 Resp: 150618
Ion Ratio Lower Upper
152 100
115 64.3 29.4 88.3
150 154.9 0.0 349.8



#73
Isopropylbenzene
Concen: 3.72 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



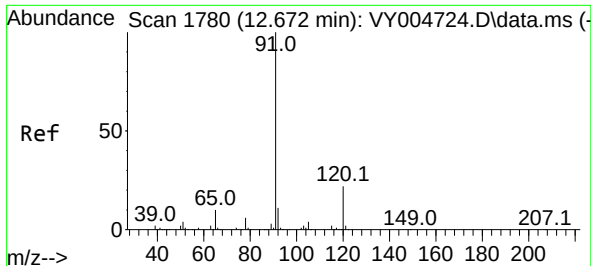
Tgt Ion:105 Resp: 42284
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



Instrument :
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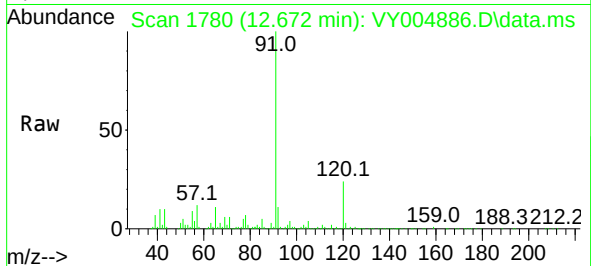
Manual Integrations
APPROVED

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#78
n-propylbenzene
Concen: 8.86 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

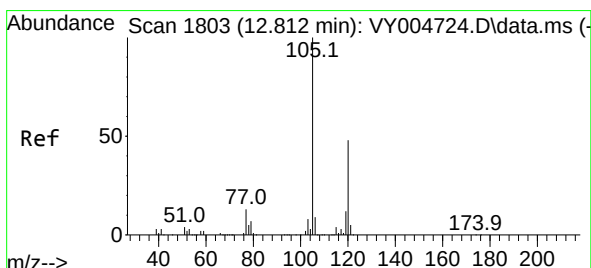
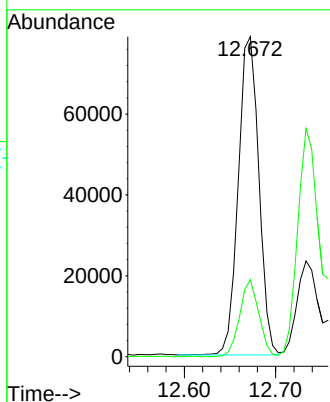
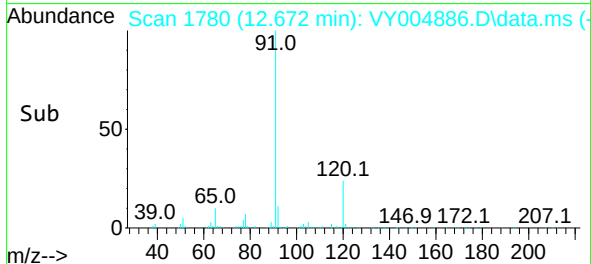
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521RE



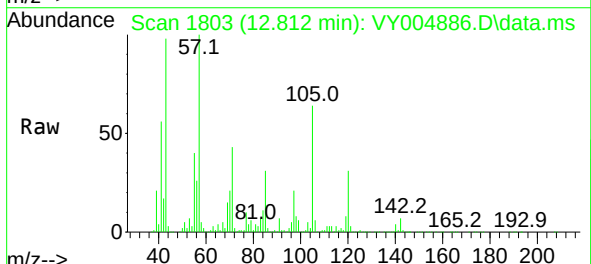
Tgt Ion: 91 Resp: 122904
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.3

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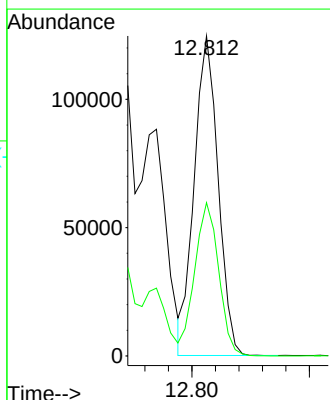
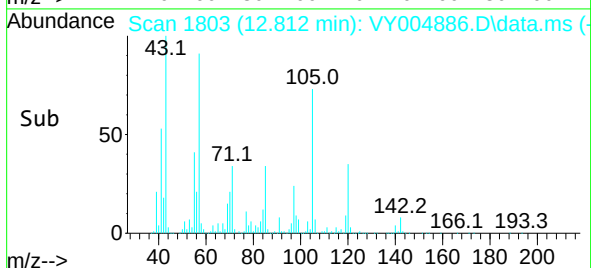
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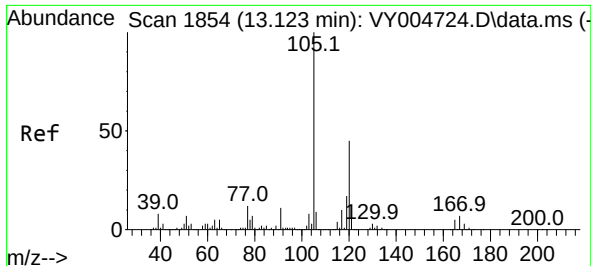


#80
1,3,5-Trimethylbenzene
Concen: 18.60 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



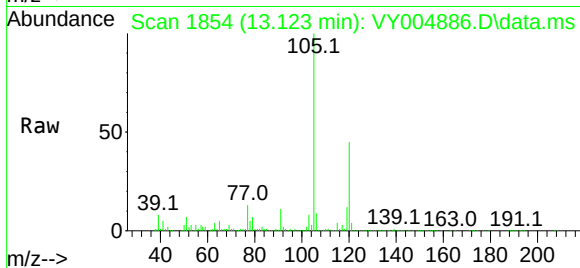
Tgt Ion: 105 Resp: 175524
Ion Ratio Lower Upper
105 100
120 48.4 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 54.81 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

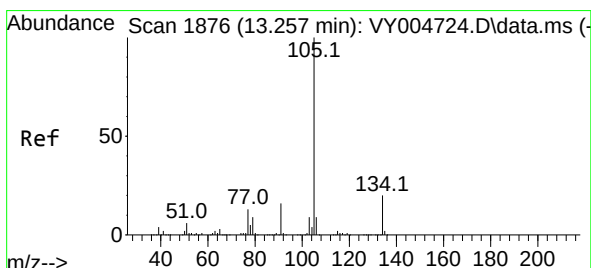
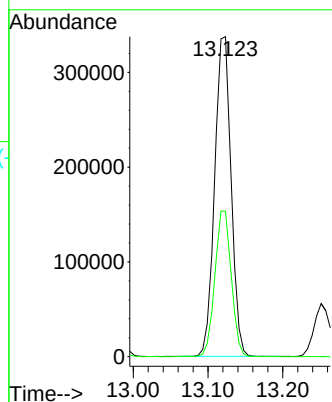
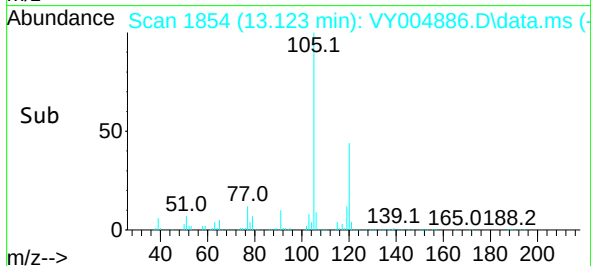
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521RE



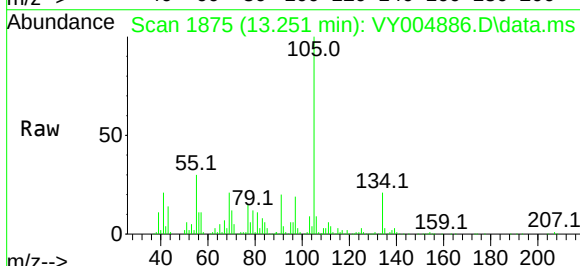
Tgt Ion:105 Resp: 517716
Ion Ratio Lower Upper
105 100
120 45.6 22.5 67.5

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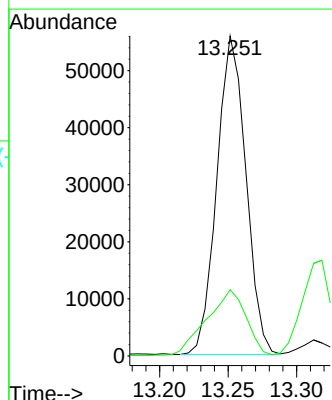
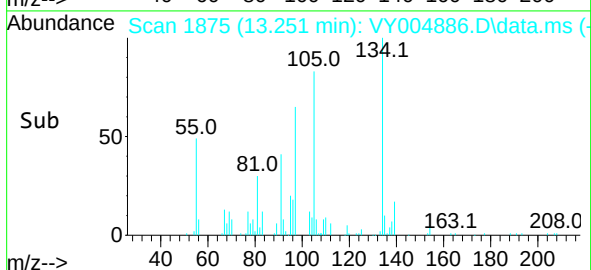
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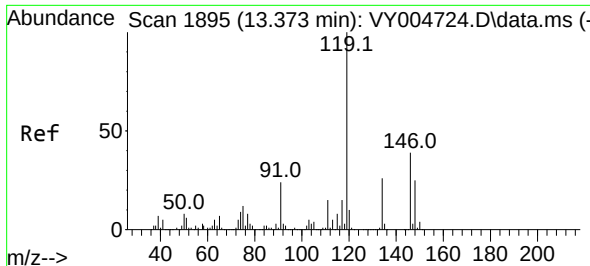


#85
sec-Butylbenzene
Concen: 7.03 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

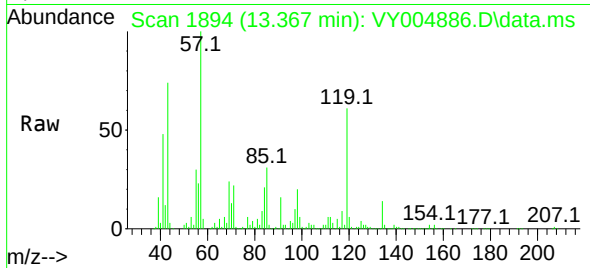


Tgt Ion:105 Resp: 82379
Ion Ratio Lower Upper
105 100
134 28.1 10.0 29.8

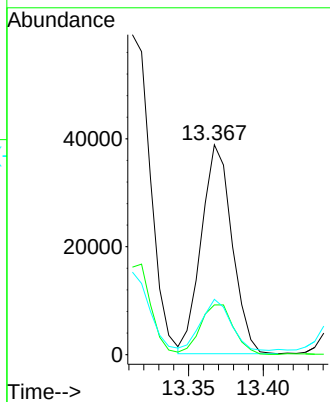
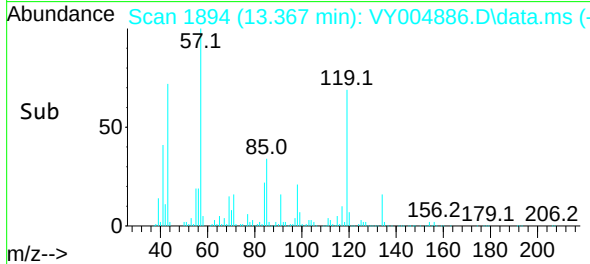




#86
p-Isopropyltoluene
Concen: 5.46 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



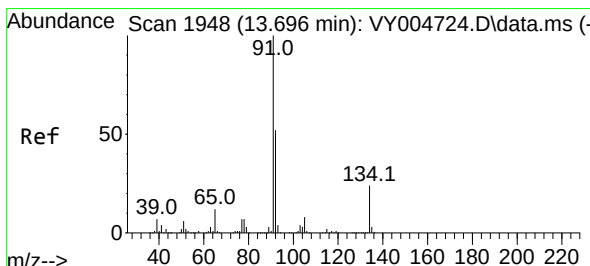
Tgt Ion: 119 Resp: 55416
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.7
91 23.3 12.0 36.1



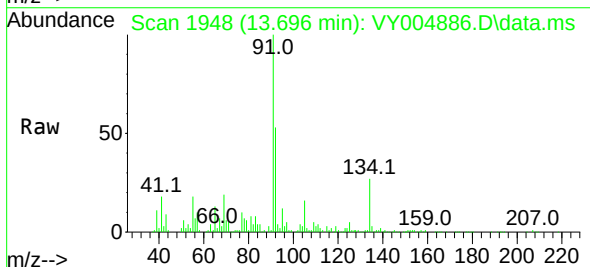
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521RE

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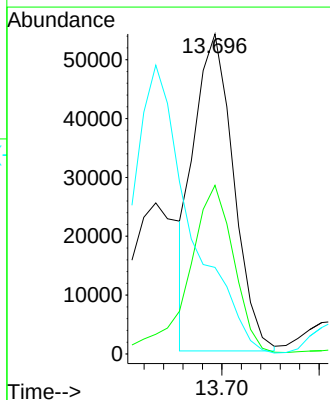
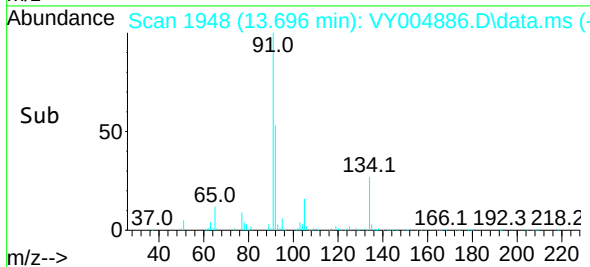
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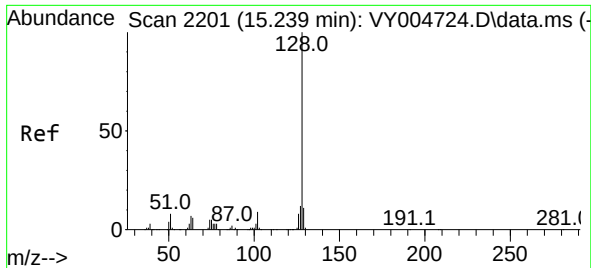


#89
n-Butylbenzene
Concen: 7.66 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04



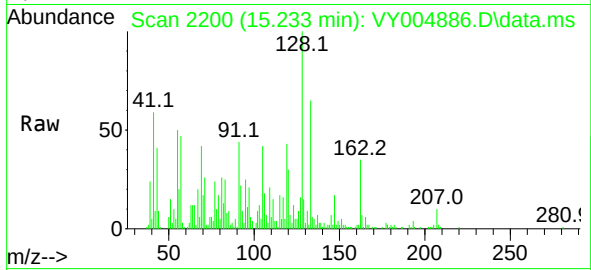
Tgt Ion: 91 Resp: 76006
Ion Ratio Lower Upper
91 100
92 59.9 26.4 79.0
134 0.0 12.6 37.6#





#95
Naphthalene
Concen: 2.55 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004886.D
Acq: 26 May 2021 15:04

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-052521RE



Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.7	10.2	15.2#
129	15.9	8.6	13.0#

Manual Integrations
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