

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004885.D
 Acq On : 26 May 2021 14:40
 Operator : SY/MD
 Sample : M2518-02
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 117

Manual Integrations
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MMDadoda
 5/27/2021 10:32:54 AM

Quant Time: May 27 01:15:54 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	166832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112849	56.83	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.66%			
35) Dibromofluoromethane	7.728	113	93478	55.43	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.86%			
50) Toluene-d8	10.185	98	357248	46.89	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.78%			
62) 4-Bromofluorobenzene	12.483	95	132242	51.43	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.86%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	9234	46.27	ug/l	99
16) Acetone	3.954	43	1855584	4160.18	ug/l	97
18) Methyl Acetate	4.485	43	3825	2.69	ug/l	96
20) Methylene Chloride	4.728	84	64829	27.52	ug/l	94
25) 2-Butanone	6.996	43	34384	43.39	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	7600	3.52	ug/l	99
52) Toluene	10.246	92	73856	13.11	ug/l	99
64) Tetrachloroethene	10.721	164	885746	335.00	ug/l	98
67) Ethyl Benzene	11.593	91	1804014	161.22	ug/l	98
68) m/p-Xylenes	11.703	106	3990137	949.04	ug/l	97
69) o-Xylene	12.032	106	1461366	371.91	ug/l	99
73) Isopropylbenzene	12.331	105	47152	4.62	ug/l	100
78) n-propylbenzene	12.672	91	36955	2.97	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	44028	5.19	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	172810	20.36	ug/l	100
85) sec-Butylbenzene	13.251	105	21027	2.00	ug/l	88
86) p-Isopropyltoluene	13.367	119	24175	2.65	ug/l	96
89) n-Butylbenzene	13.696	91	29598m	3.32	ug/l	
95) Naphthalene	15.233	128	33069	5.95	ug/l #	82

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

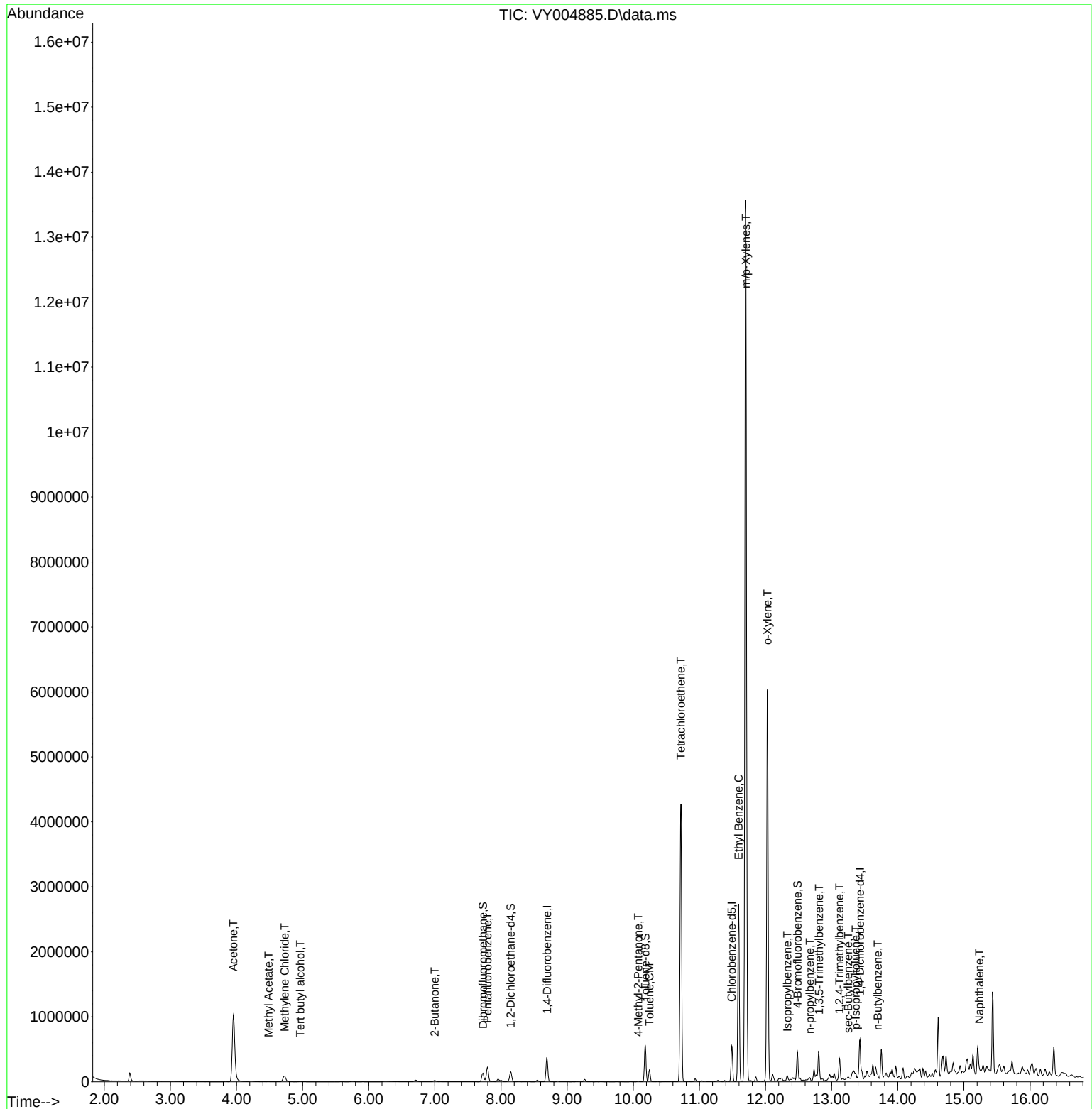
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004885.D
Acq On : 26 May 2021 14:40
Operator : SY/MD
Sample : M2518-02
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

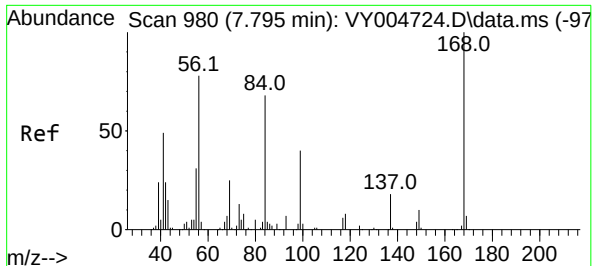
Instrument :
MSVOA_Y
ClientSampleId :
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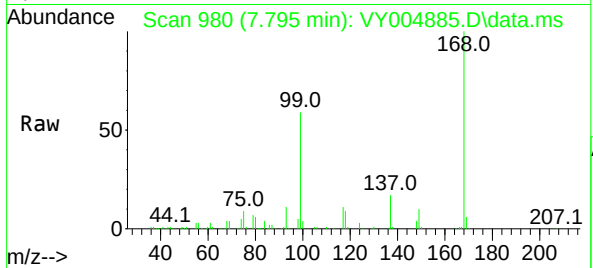
MMDadoda
5/27/2021 10:32:54 AM

Quant Time: May 27 01:15:54 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

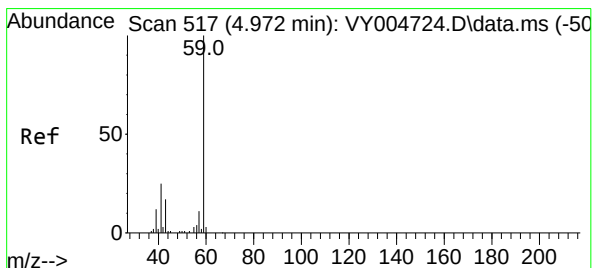
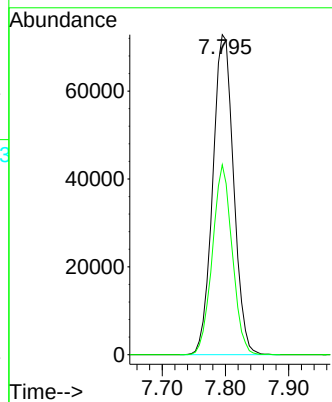
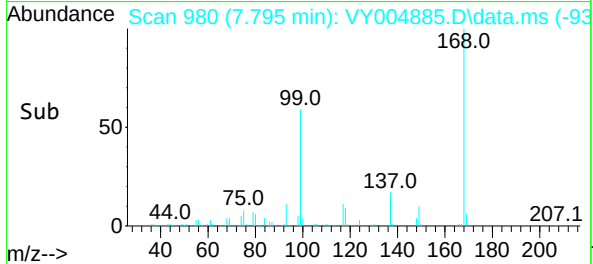




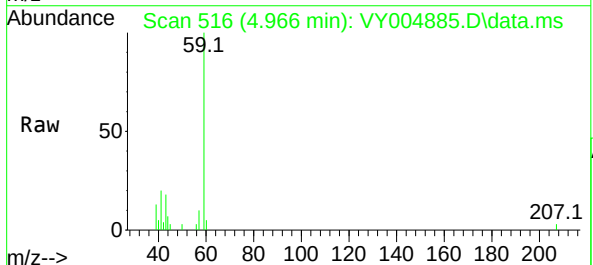
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



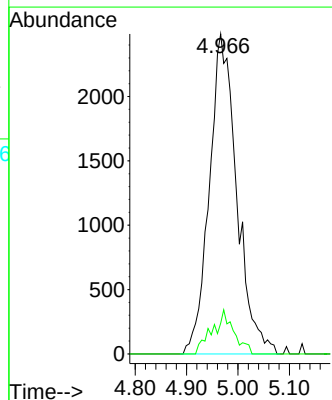
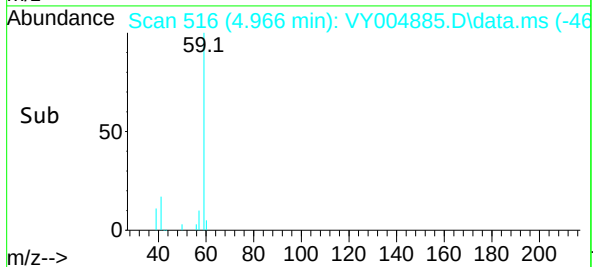
Tgt Ion: 168 Resp: 166832
Ion Ratio Lower Upper
168 100
99 59.4 45.6 68.4



#11
Tert butyl alcohol
Concen: 46.27 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



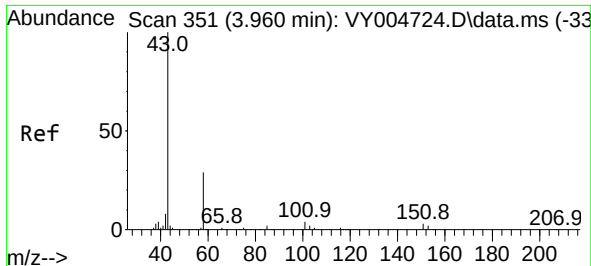
Tgt Ion: 59 Resp: 9234
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



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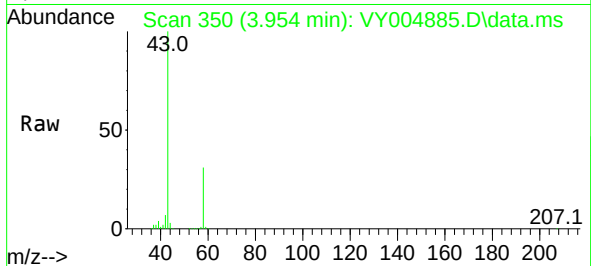
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#16
Acetone
Concen: 4160.18 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

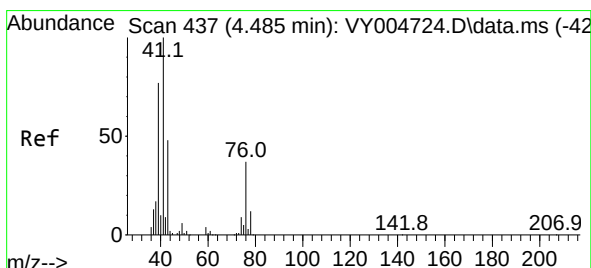
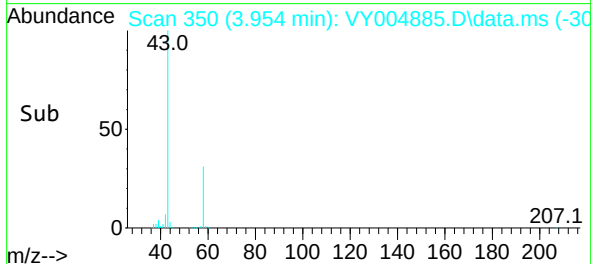
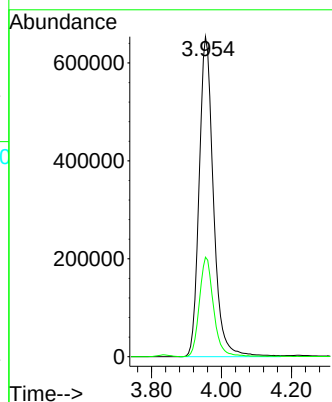
Instrument :
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Tgt Ion: 43 Resp: 1855584
Ion Ratio Lower Upper
43 100
58 31.1 23.6 35.4

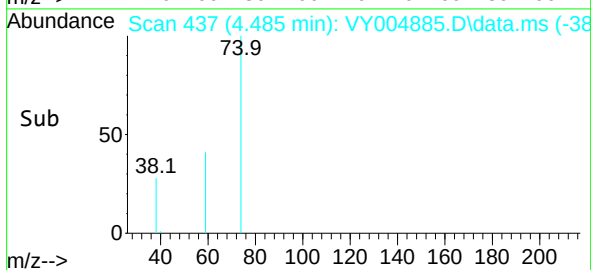
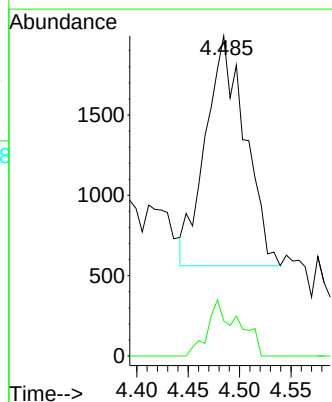
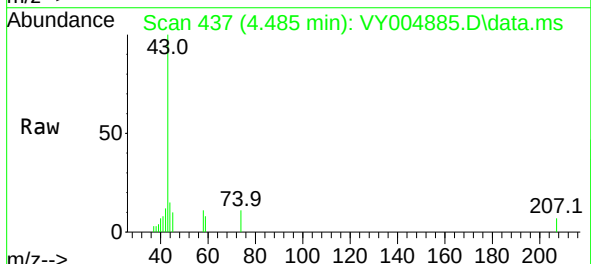
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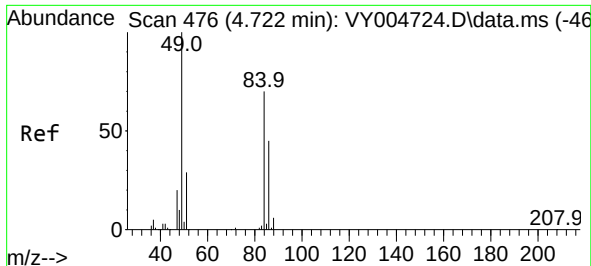
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#18
Methyl Acetate
Concen: 2.69 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

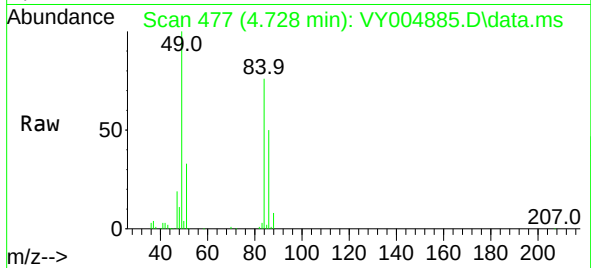
Tgt Ion: 43 Resp: 3825
Ion Ratio Lower Upper
43 100
74 18.9 16.6 24.8





#20
Methylene Chloride
Concen: 27.52 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

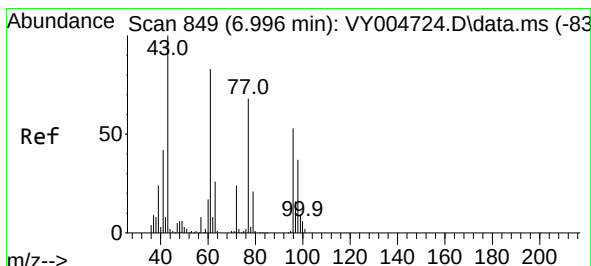
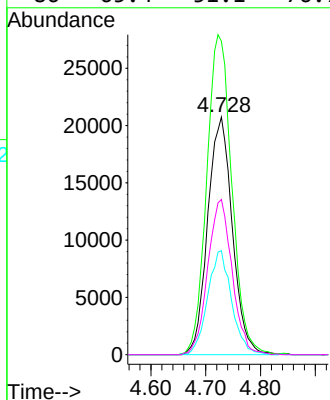
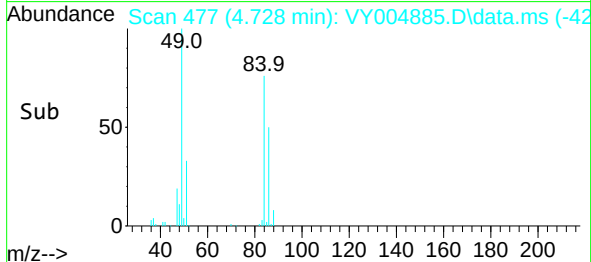
Instrument :
MSVOA_Y
ClientSampled :
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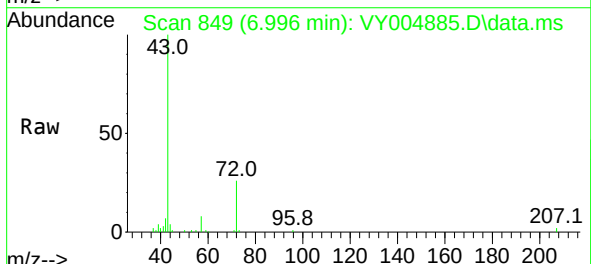
Tgt Ion: 84 Resp: 64829
Ion Ratio Lower Upper
84 100
49 131.9 113.8 170.8
51 43.8 33.5 50.3
86 65.4 51.1 76.7

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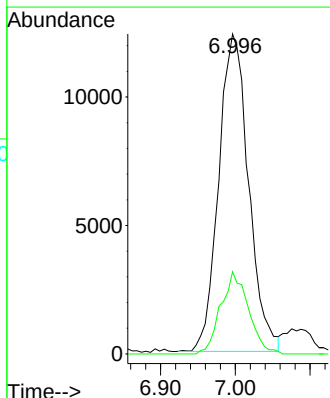
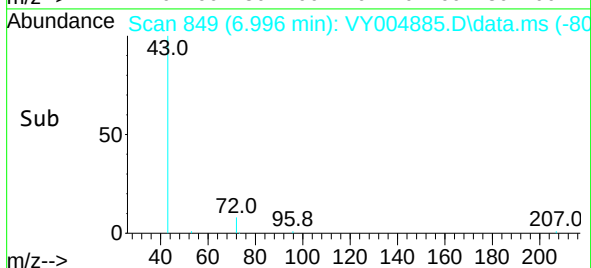
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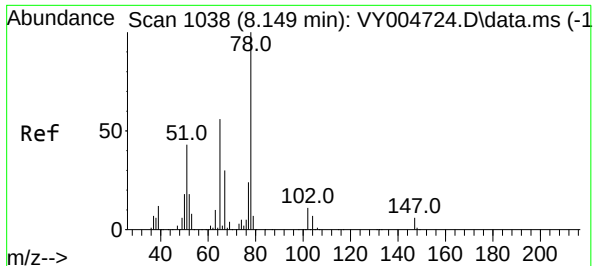


#25
2-Butanone
Concen: 43.39 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004885.D
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Tgt Ion: 43 Resp: 34384
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.0





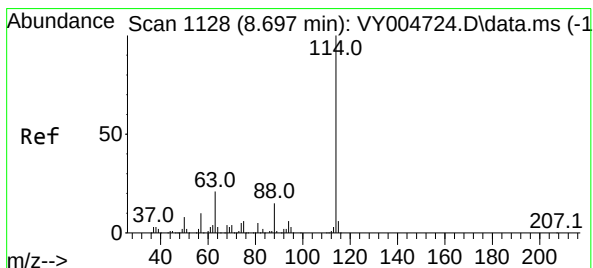
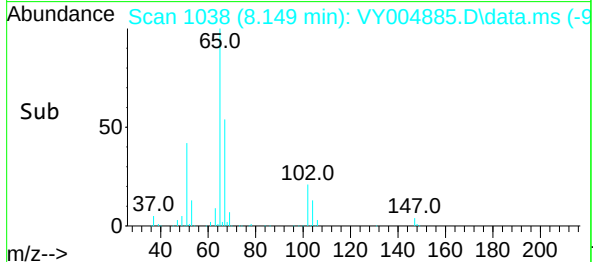
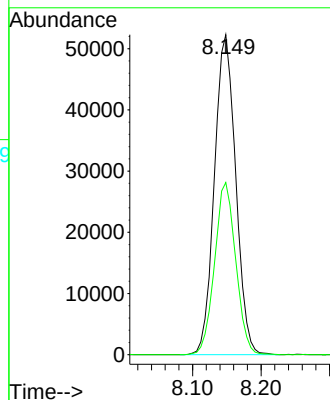
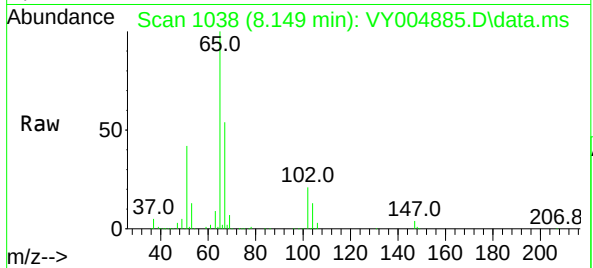
#33
1,2-Dichloroethane-d4
Concen: 56.83 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

Tgt Ion: 65 Resp: 112849
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0

Instrument :
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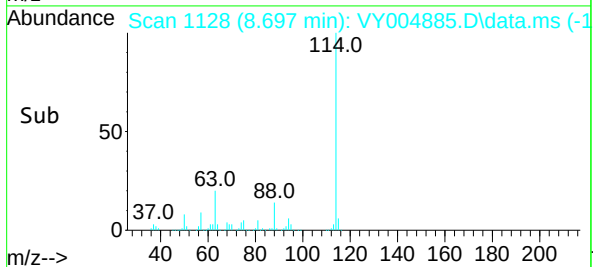
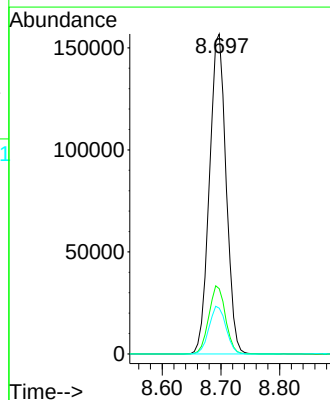
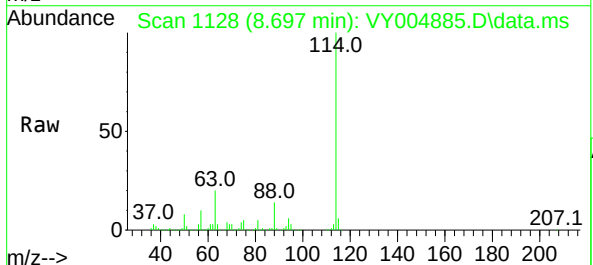
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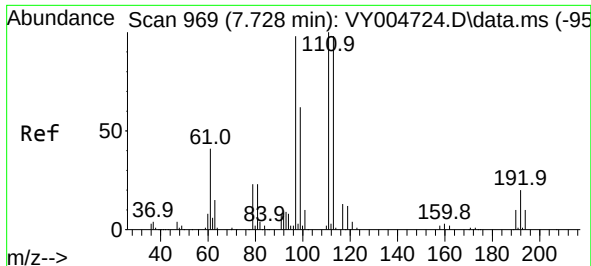
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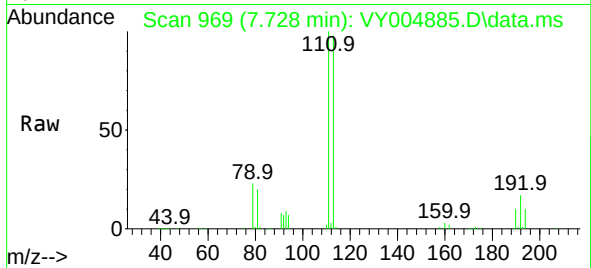
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

Tgt Ion: 114 Resp: 308057
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 14.3 0.0 31.0

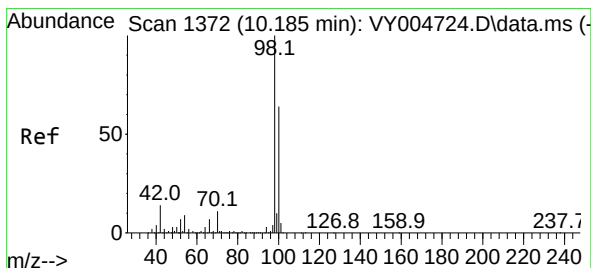
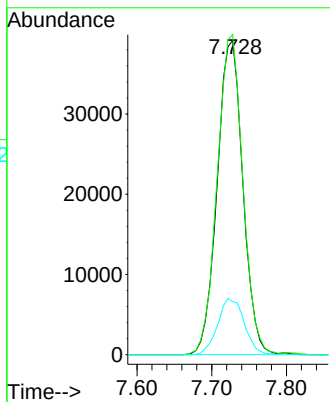
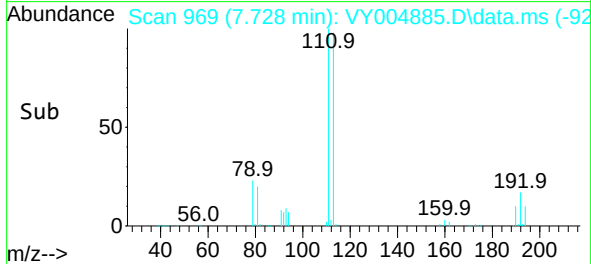




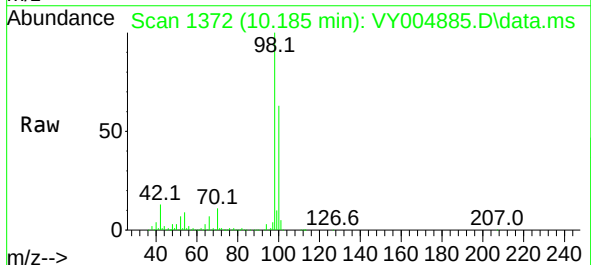
#35
Dibromofluoromethane
Concen: 55.43 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



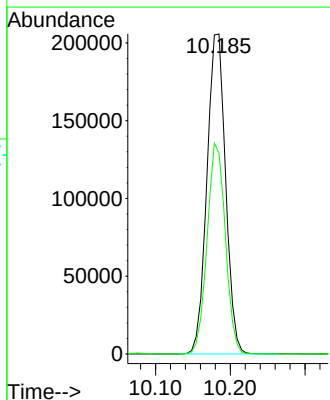
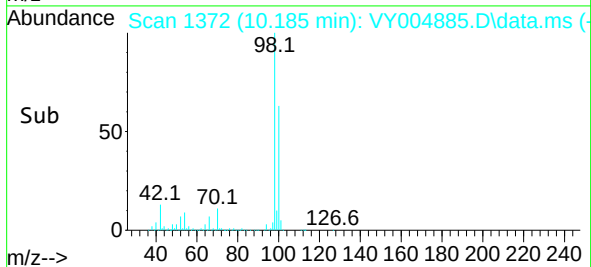
Tgt Ion: 113 Resp: 93478
Ion Ratio Lower Upper
113 100
111 101.9 80.5 120.7
192 18.5 15.0 22.6



#50
Toluene-d8
Concen: 46.89 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



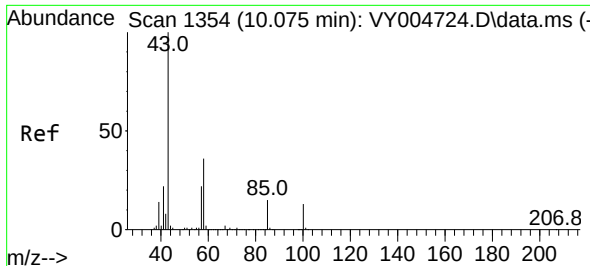
Tgt Ion: 98 Resp: 357248
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



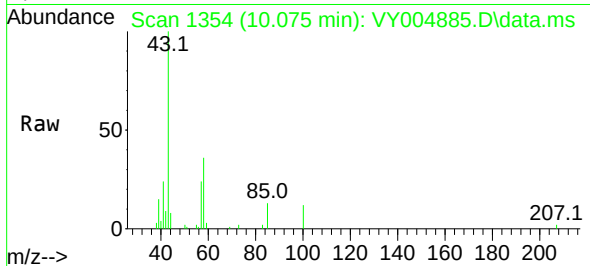
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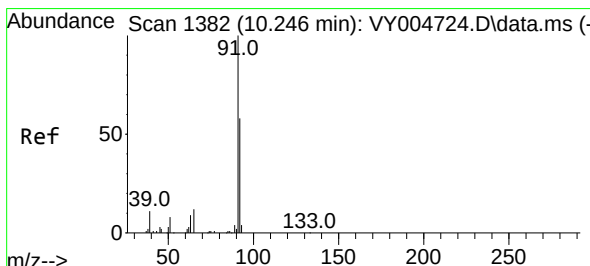
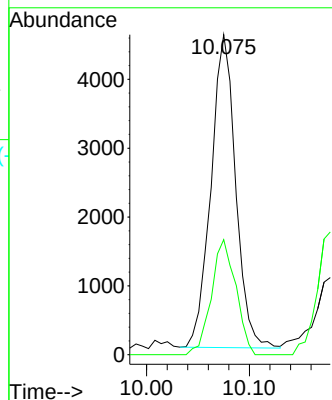
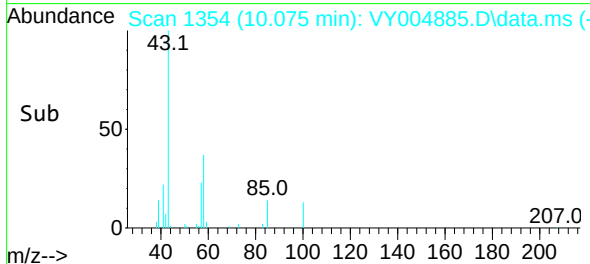
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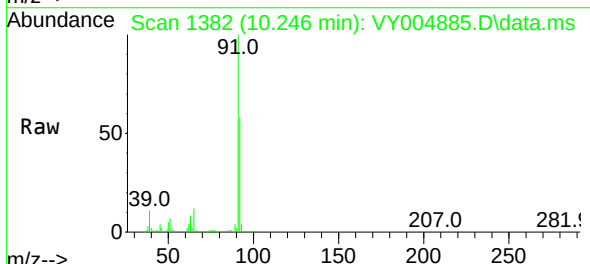
#51
4-Methyl-2-Pentanone
Concen: 3.52 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



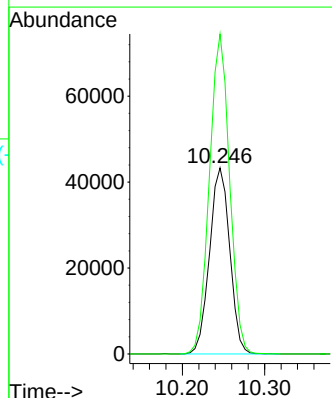
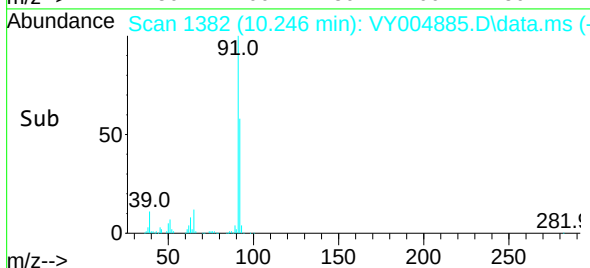
Tgt Ion: 43 Resp: 7600
Ion Ratio Lower Upper
43 100
58 36.4 28.7 43.1



#52
Toluene
Concen: 13.11 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



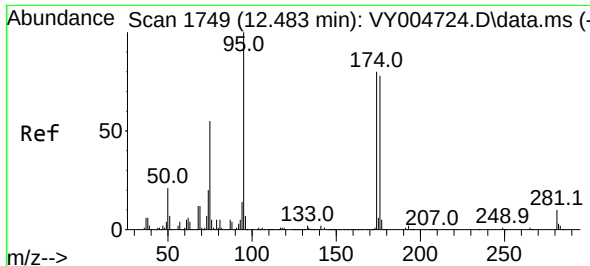
Tgt Ion: 92 Resp: 73856
Ion Ratio Lower Upper
92 100
91 171.8 138.2 207.4



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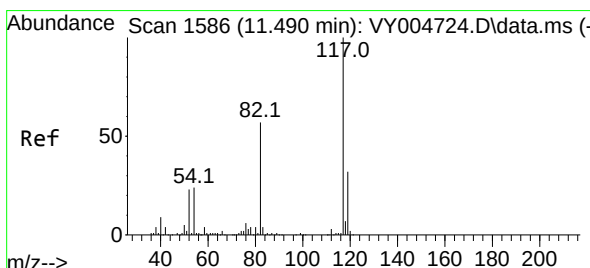
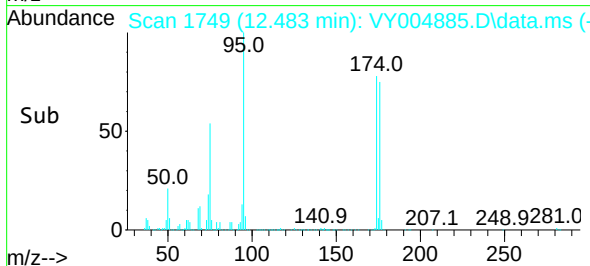
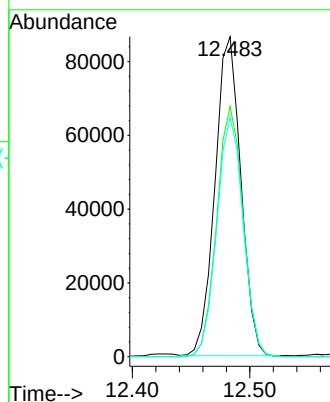
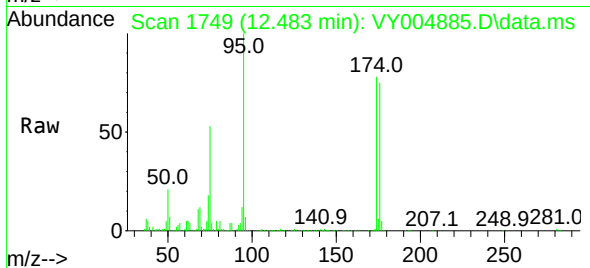
#62
4-Bromofluorobenzene
Concen: 51.43 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

Tgt Ion: 95 Resp: 132242
Ion Ratio Lower Upper
95 100
174 79.8 0.0 164.2
176 76.3 0.0 159.0

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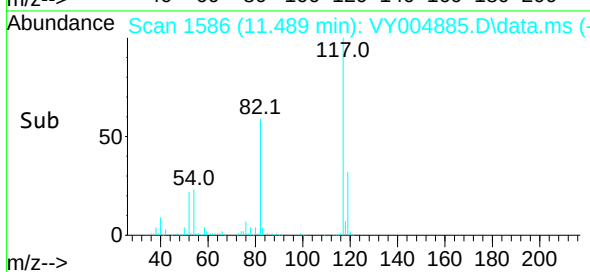
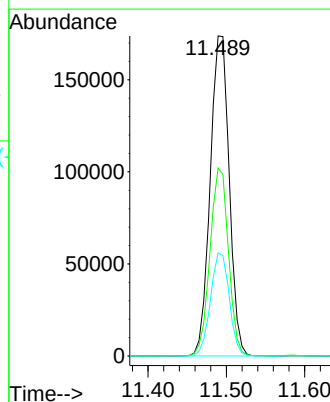
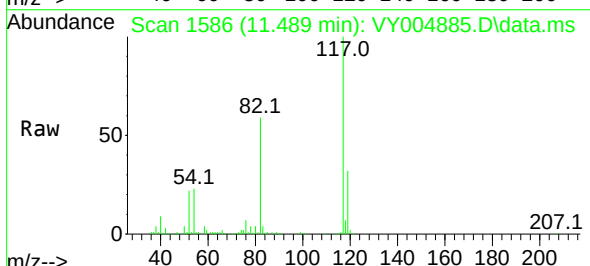
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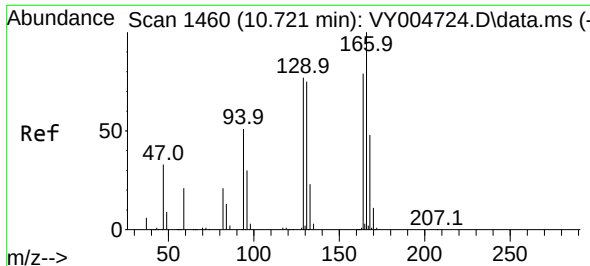
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

Tgt Ion: 117 Resp: 292644
Ion Ratio Lower Upper
117 100
82 58.6 45.4 68.2
119 32.2 25.8 38.6





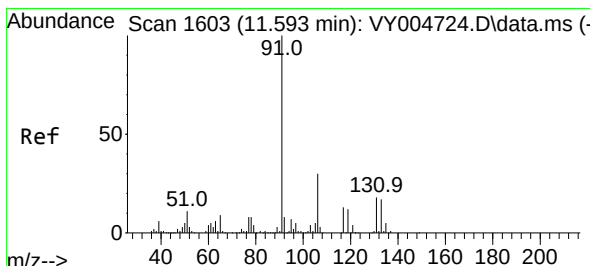
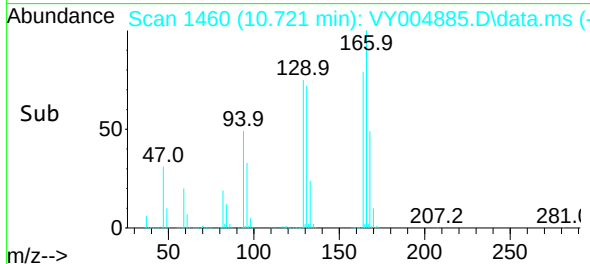
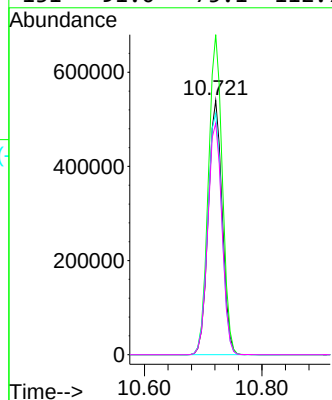
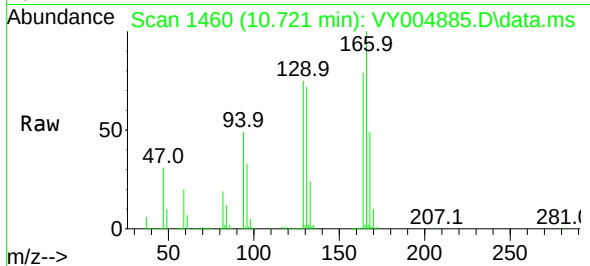
#64
Tetrachloroethene
Concen: 335.00 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

Tgt Ion:164 Resp: 885746
Ion Ratio Lower Upper
164 100
166 125.8 100.8 151.2
129 95.0 77.5 116.3
131 91.0 75.1 112.7

Instrument :
MSVOA_Y
ClientSampled :
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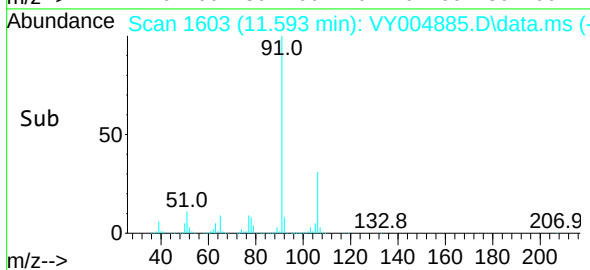
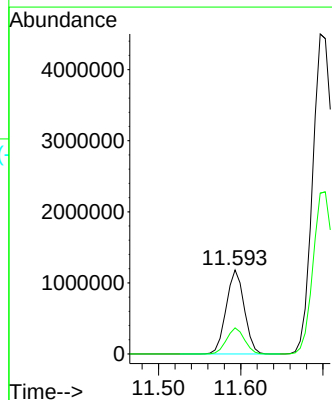
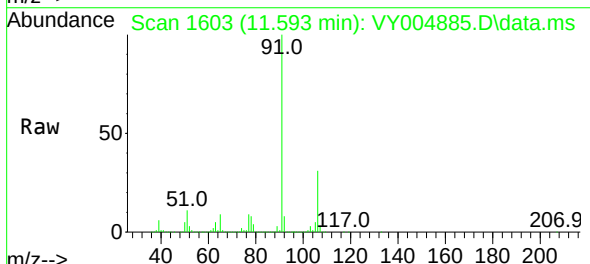
Manual Integrations
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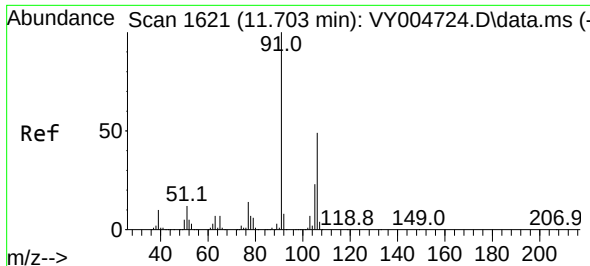
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#67
Ethyl Benzene
Concen: 161.22 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

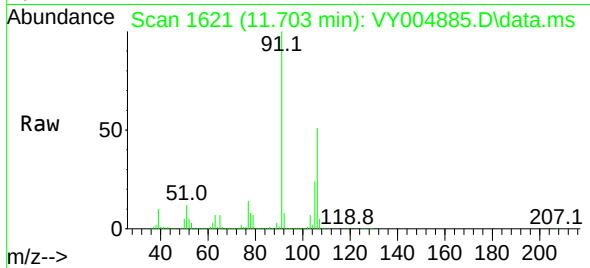
Tgt Ion: 91 Resp: 1804014
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





#68
m/p-Xylenes
Concen: 949.04 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

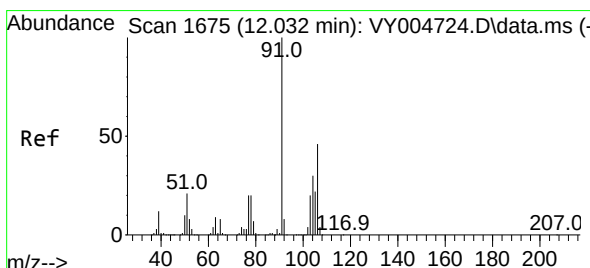
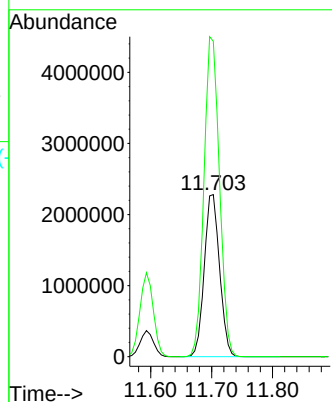
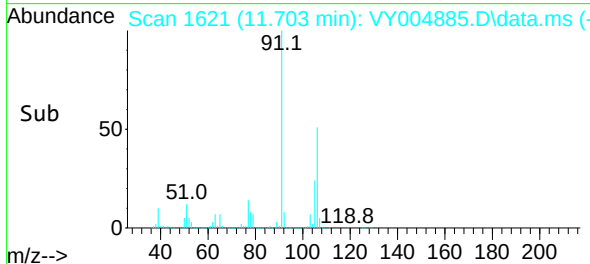
Instrument :
MSVOA_Y
ClientSampled :
117



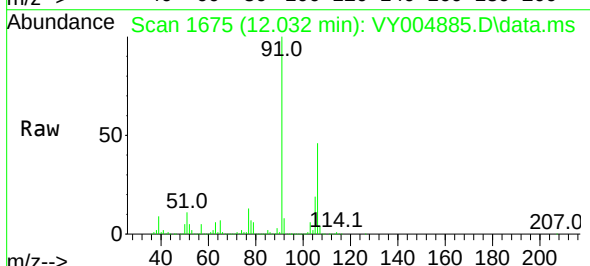
Tgt Ion:106 Resp: 3990137
Ion Ratio Lower Upper
106 100
91 199.9 163.6 245.4

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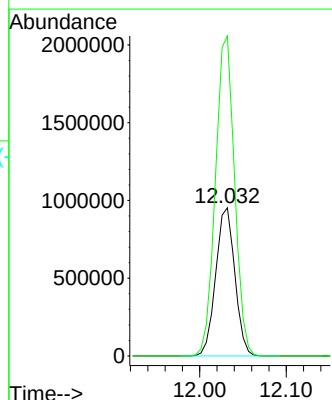
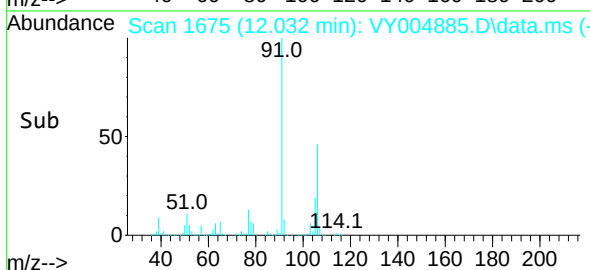
MMDadoda
5/27/2021 10:32:54 AM

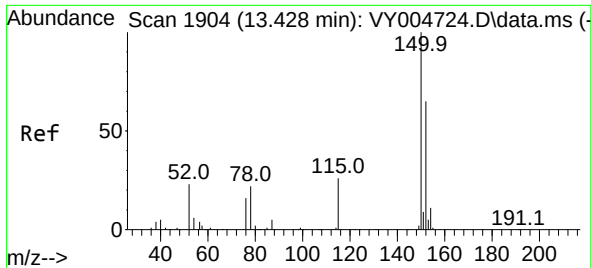


#69
o-Xylene
Concen: 371.91 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

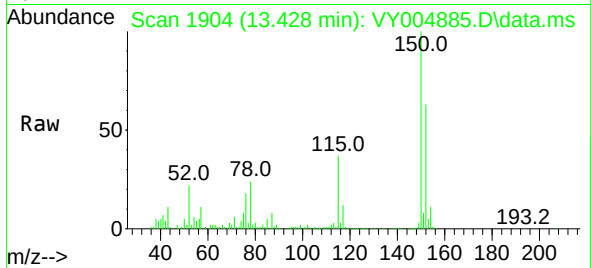


Tgt Ion:106 Resp: 1461366
Ion Ratio Lower Upper
106 100
91 216.4 108.9 326.7

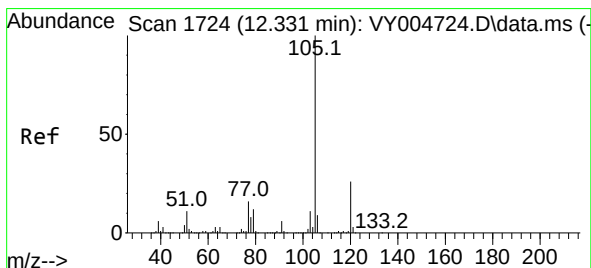
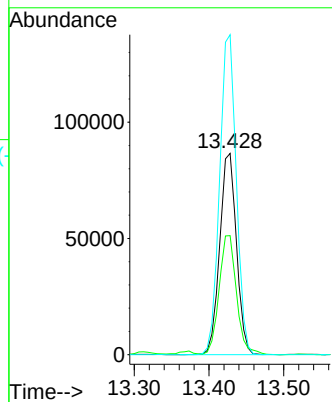
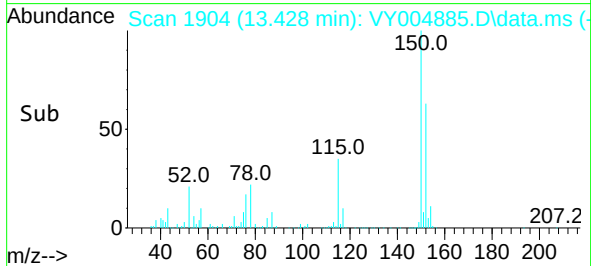




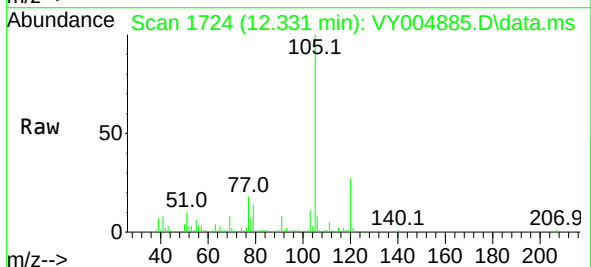
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



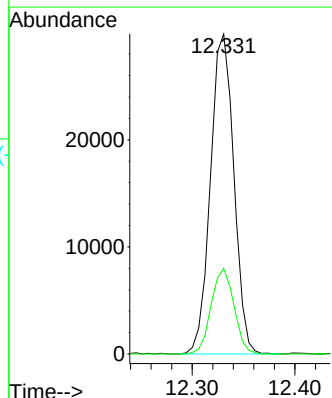
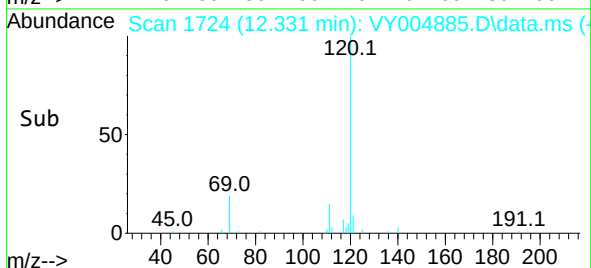
Tgt Ion:152 Resp: 135335
Ion Ratio Lower Upper
152 100
115 61.4 29.4 88.3
150 157.7 0.0 349.8



#73
Isopropylbenzene
Concen: 4.62 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



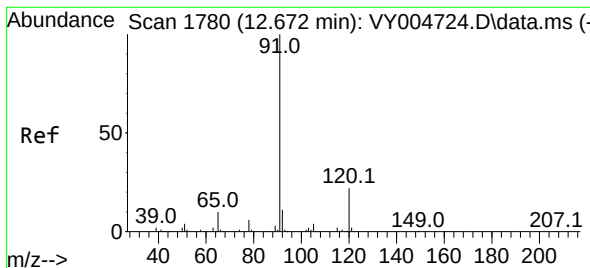
Tgt Ion:105 Resp: 47152
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



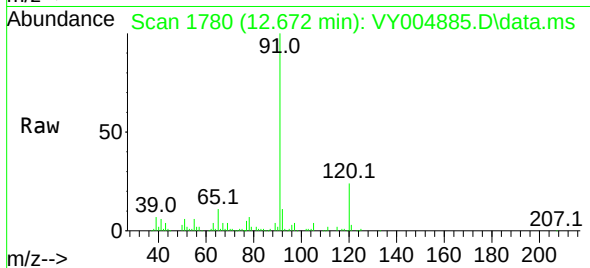
Instrument :
MSVOA_Y
ClientSampled :
117

Manual Integrations
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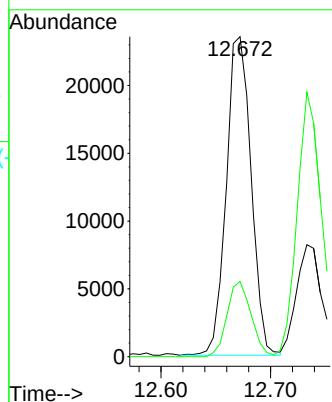
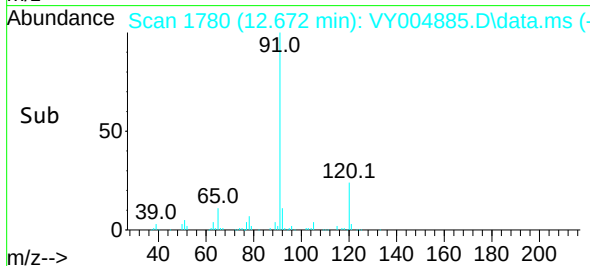
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#78
n-propylbenzene
Concen: 2.97 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



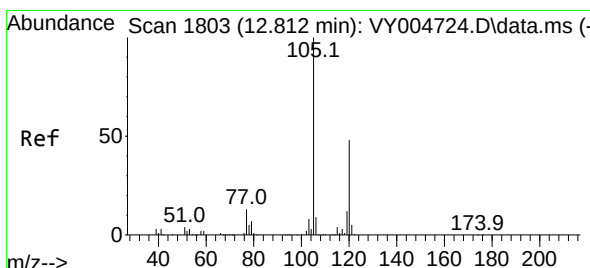
Tgt Ion: 91 Resp: 36955
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.3



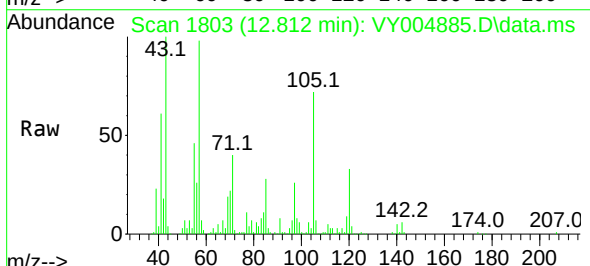
Instrument :
MSVOA_Y
ClientSampled :
117

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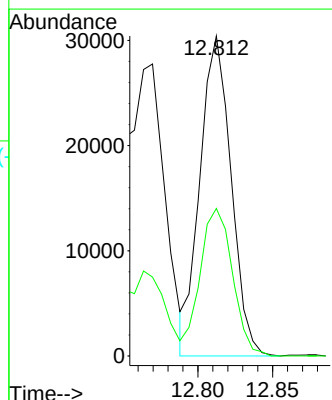
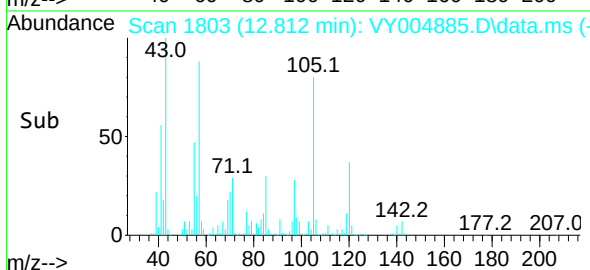
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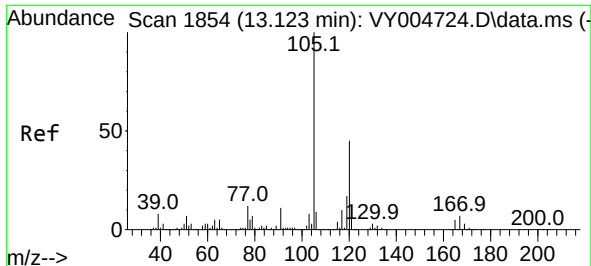


#80
1,3,5-Trimethylbenzene
Concen: 5.19 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



Tgt Ion: 105 Resp: 44028
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0





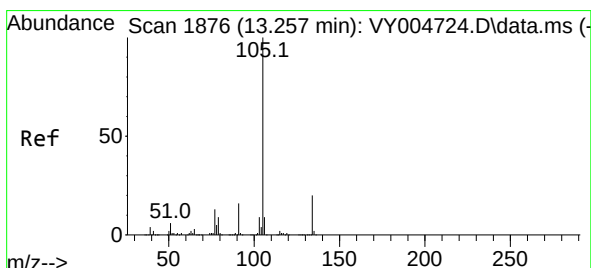
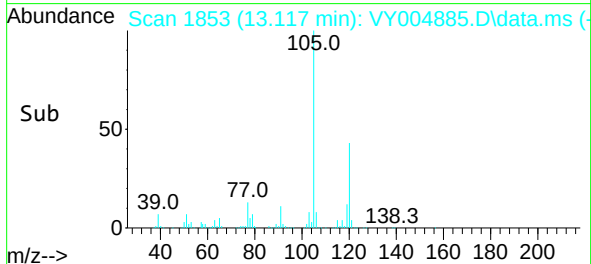
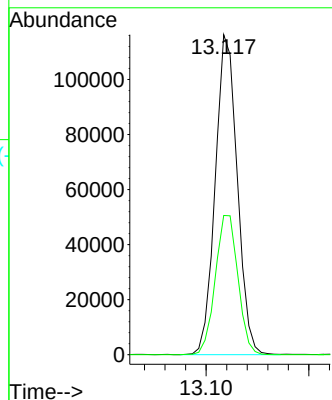
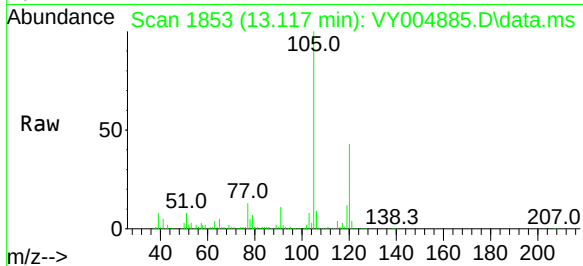
#84
1,2,4-Trimethylbenzene
Concen: 20.36 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

Tgt Ion:105 Resp: 172810
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5

Instrument :
MSVOA_Y
ClientSampled :
117

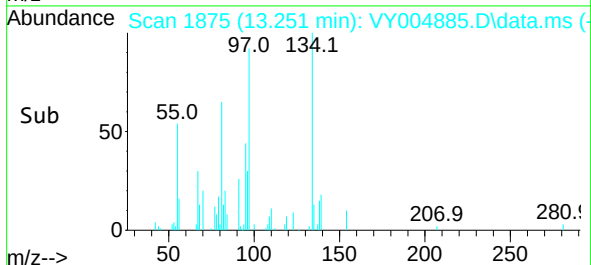
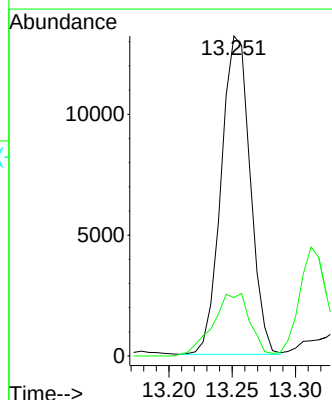
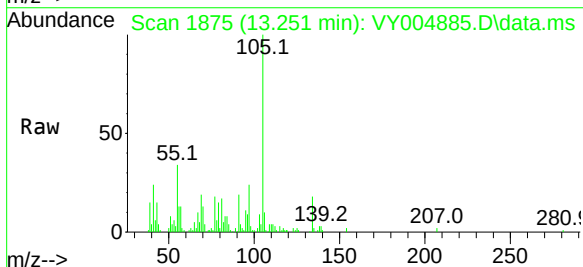
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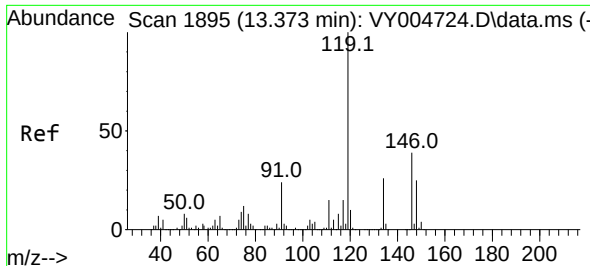
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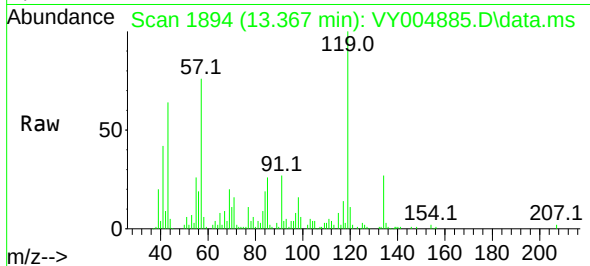
#85
sec-Butylbenzene
Concen: 2.00 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40

Tgt Ion:105 Resp: 21027
Ion Ratio Lower Upper
105 100
134 25.3 10.0 29.8

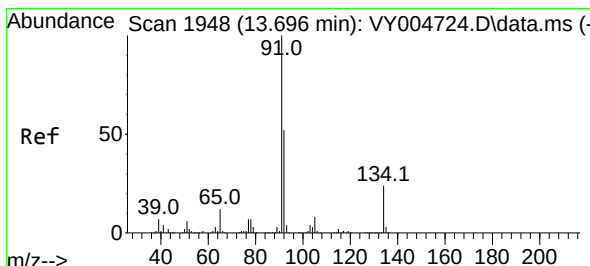
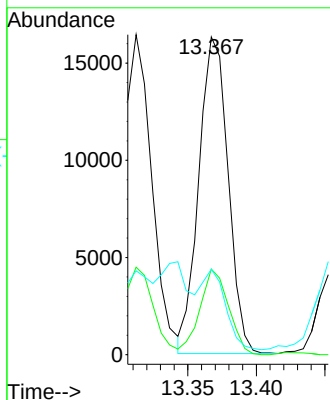
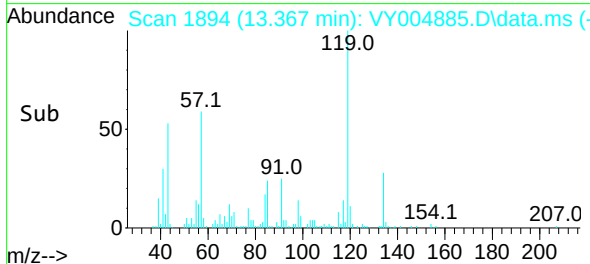




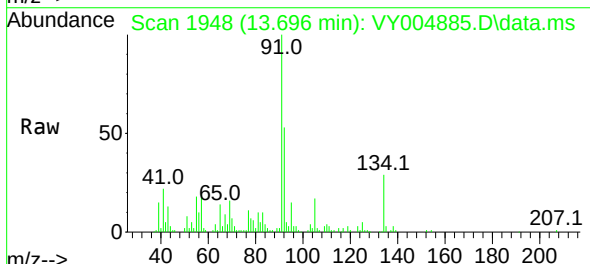
#86
p-Isopropyltoluene
Concen: 2.65 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



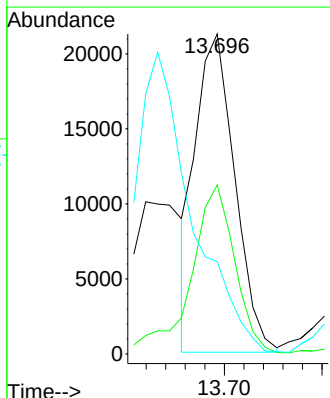
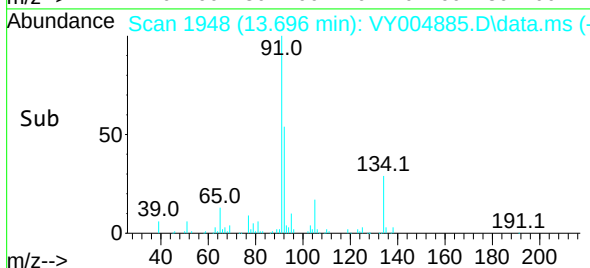
Tgt Ion: 119 Resp: 24175
Ion Ratio Lower Upper
119 100
134 26.6 12.9 38.7
91 20.9 12.0 36.1



#89
n-Butylbenzene
Concen: 3.32 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



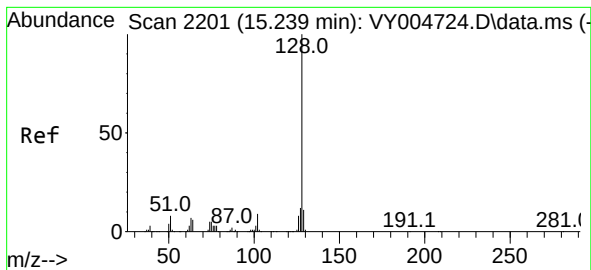
Tgt Ion: 91 Resp: 29598
Ion Ratio Lower Upper
91 100
92 59.1 26.4 79.0
134 0.0 12.6 37.6#



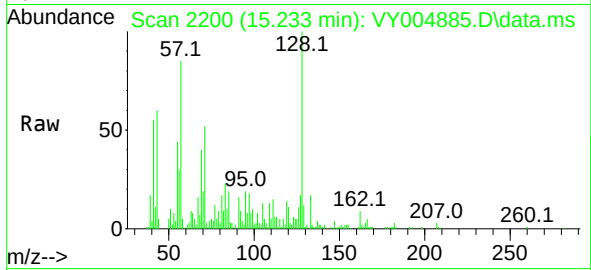
Instrument :
MSVOA_Y
ClientSampled :
117

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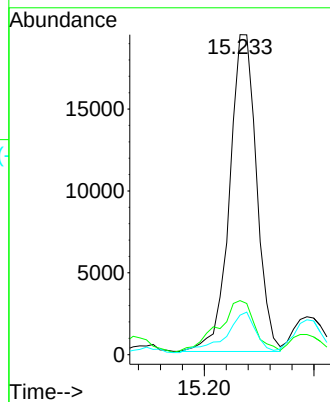
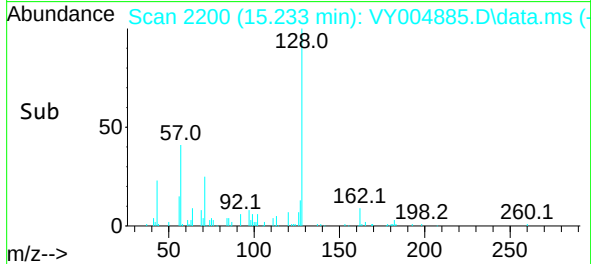
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#95
Naphthalene
Concen: 5.95 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004885.D
Acq: 26 May 2021 14:40



Tgt Ion	Ratio	Lower	Upper
128	100		
127	22.4	10.2	15.2#
129	14.3	8.6	13.0#



Instrument :
MSVOA_Y
ClientSampleId :
117

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