

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004228.D
 Acq On : 30 Mar 2021 12:32
 Operator : SY/MD
 Sample : M1836-10
 Misc : 8.56g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B5-0-2

Manual Integrations
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 3/31/2021 4:20:33 PM

Quant Time: Mar 31 01:44:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	310549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	525360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	483804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	220204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	185375	62.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.18%			
35) Dibromofluoromethane	7.728	113	163961	56.01	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.02%			
50) Toluene-d8	10.185	98	687131	62.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 124.82%			
62) 4-Bromofluorobenzene	12.483	95	230059	60.97	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 121.94%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	75396	310.36	ug/l #	71
17) Carbon Disulfide	4.204	76	12192	1.65	ug/l	96
25) 2-Butanone	6.996	43	88060	84.75	ug/l #	65
31) Cyclohexane	7.789	56	1789868	339.25	ug/l #	85
39) Methylcyclohexane	9.191	83	2090407	352.04	ug/l	94
40) Benzene	8.173	78	8238099	606.01	ug/l	97
52) Toluene	10.252	92	1460115	167.06	ug/l	100
67) Ethyl Benzene	11.599	91	11493430	655.97	ug/l #	89
68) m/p-Xylenes	11.703	106	7908078	1175.45	ug/l	89
69) o-Xylene	12.032	106	2612931	415.09	ug/l	100
73) Isopropylbenzene	12.331	105	2219733	137.98	ug/l	99
78) n-propylbenzene	12.672	91	4132692	222.03	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	2753334	209.80	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	7926506	602.15	ug/l	97
85) sec-Butylbenzene	13.257	105	211629m	13.56	ug/l	
86) p-Isopropyltoluene	13.373	119	92848m	6.39	ug/l	
89) n-Butylbenzene	13.696	91	269787	20.20	ug/l #	68
95) Naphthalene	15.239	128	1636431	172.08	ug/l	99

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

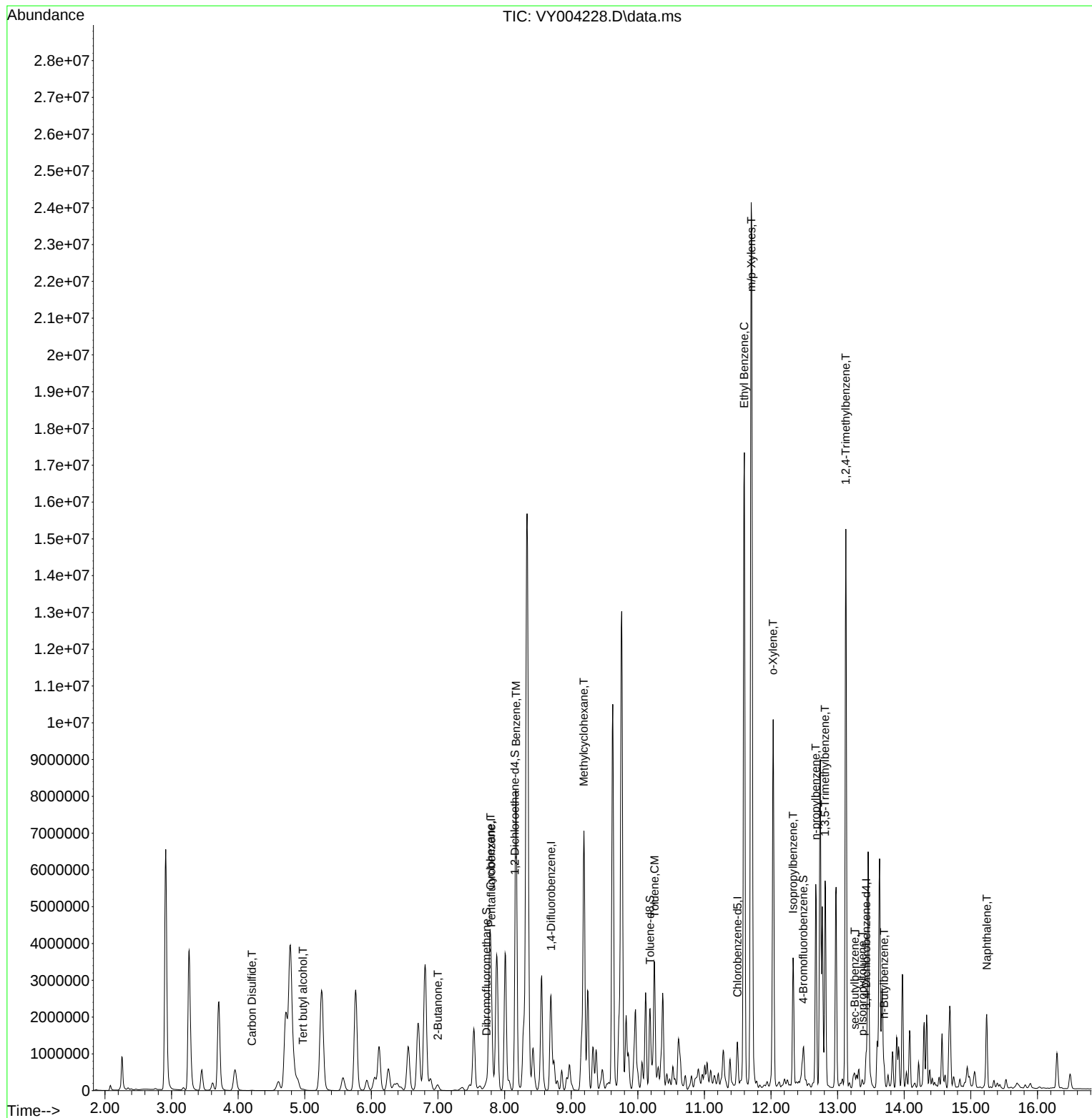
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
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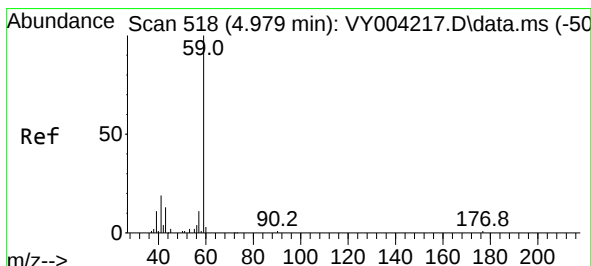
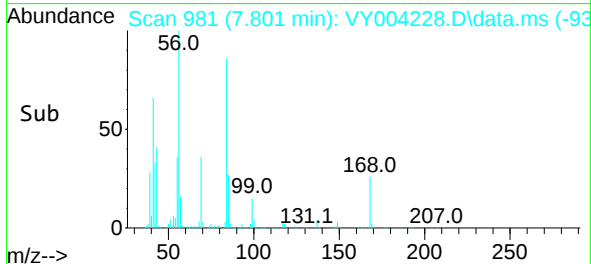
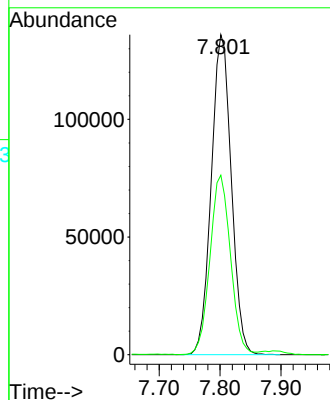
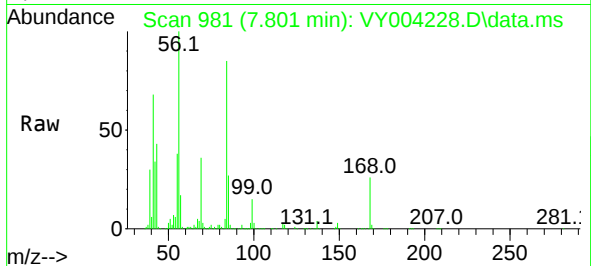
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

Tgt Ion: 168 Resp: 310549
Ion Ratio Lower Upper
168 100
99 56.1 42.6 64.0

Instrument :
MSVOA_Y
ClientSampleId :
B5-0-2

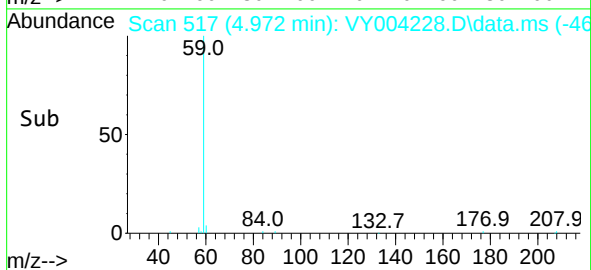
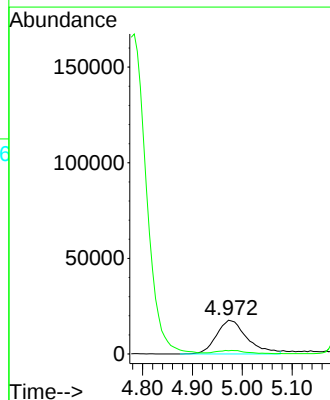
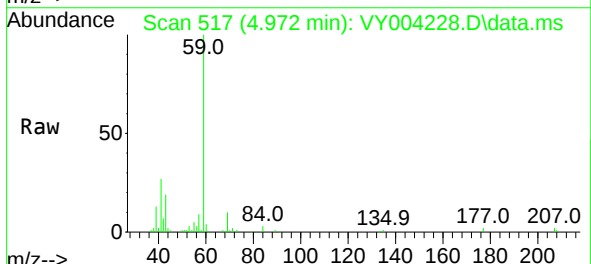
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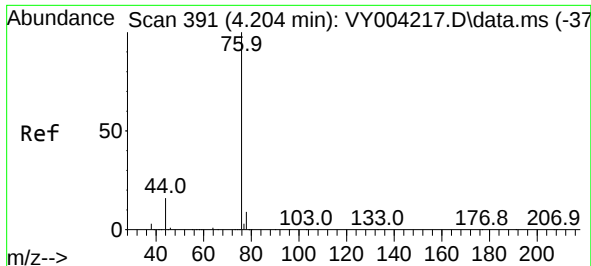
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#11
Tert butyl alcohol
Concen: 310.36 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

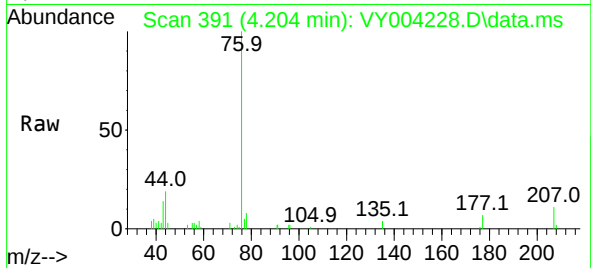
Tgt Ion: 59 Resp: 75396
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#





#17
Carbon Disulfide
Concen: 1.65 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

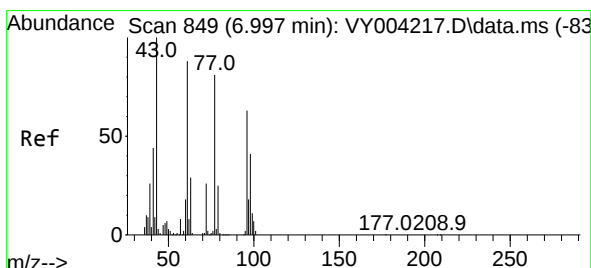
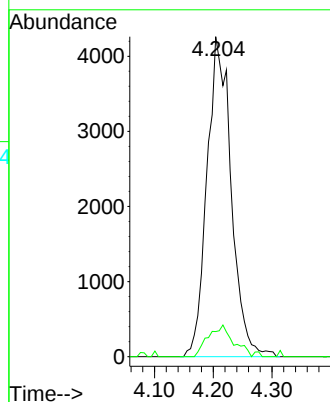
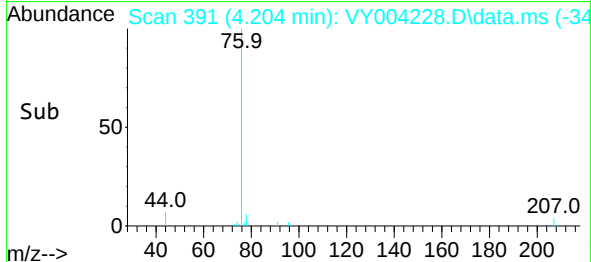
Instrument :
MSVOA_Y
ClientSampled :
B5-0-2



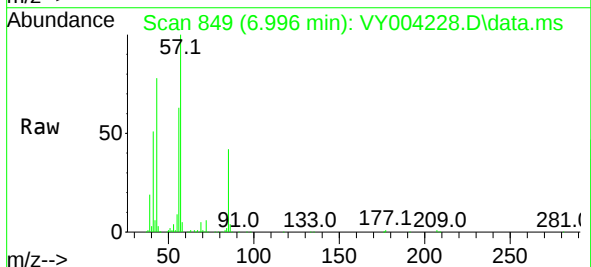
Tgt Ion: 76 Resp: 12192
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

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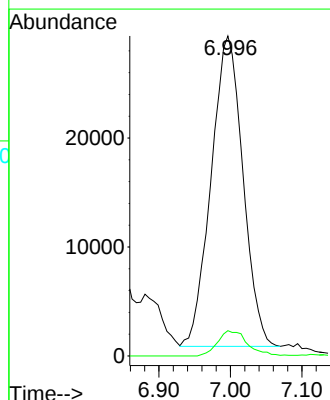
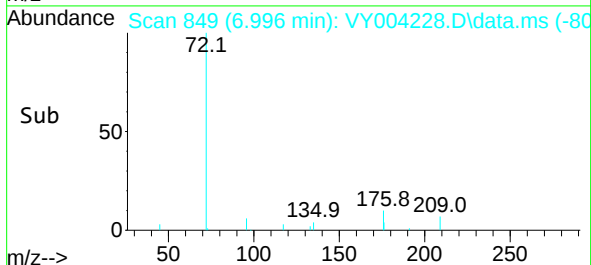
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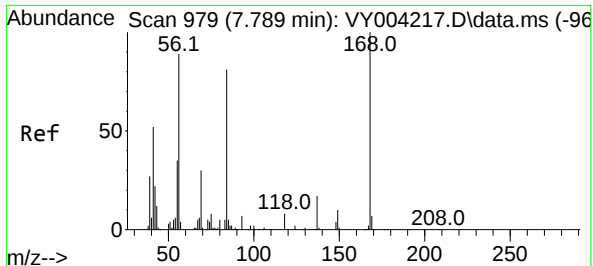


#25
2-Butanone
Concen: 84.75 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

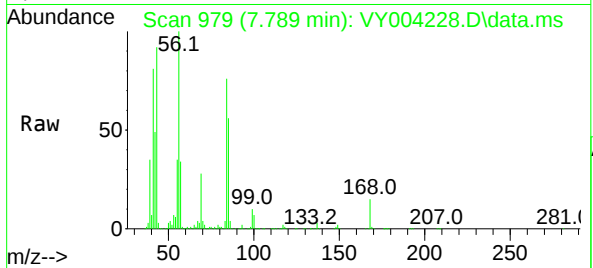


Tgt Ion: 43 Resp: 88060
Ion Ratio Lower Upper
43 100
72 8.1 21.0 31.6#



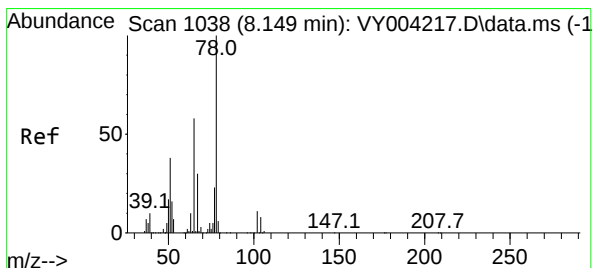
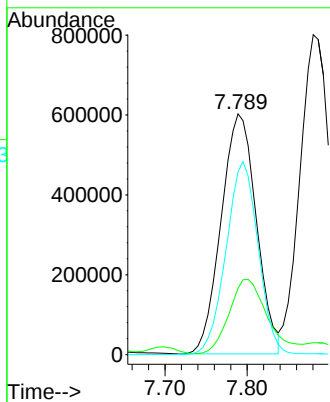
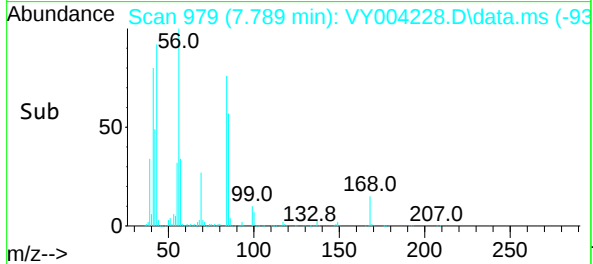


#31
Cyclohexane
Concen: 339.25 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

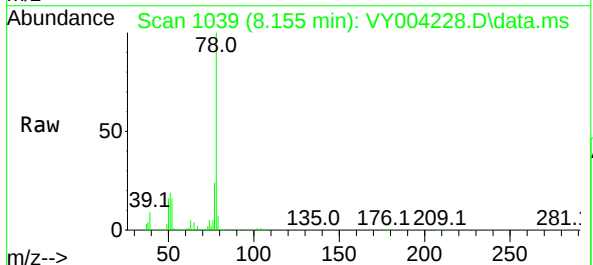


Tgt Ion: 56 Resp: 1789868

Ion	Ratio	Lower	Upper
56	100		
69	25.9	26.6	40.0#
84	76.2	72.3	108.5

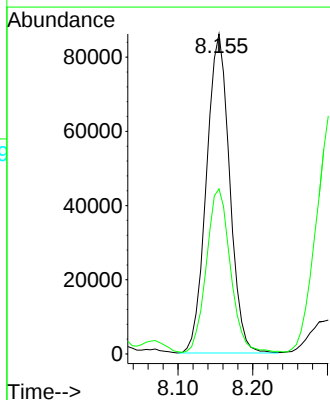
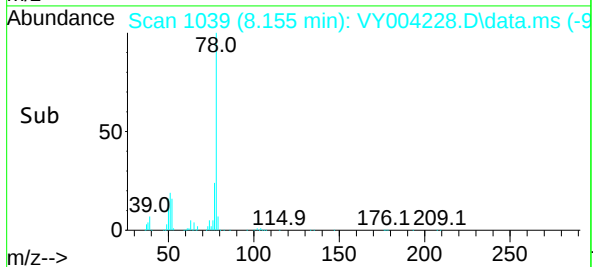


#33
1,2-Dichloroethane-d4
Concen: 62.09 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32



Tgt Ion: 65 Resp: 185375

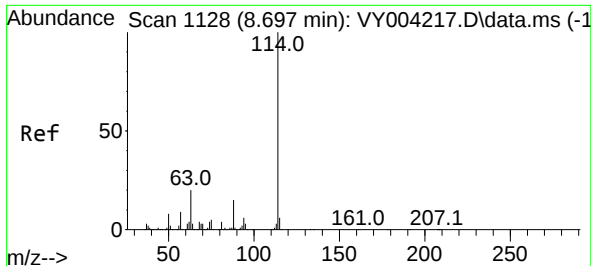
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.2



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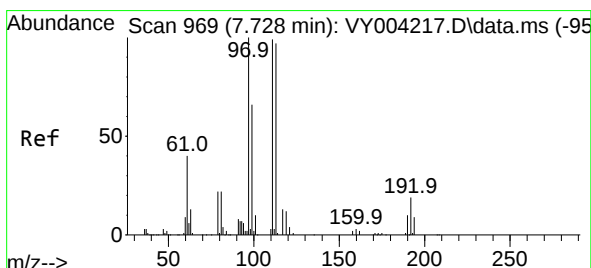
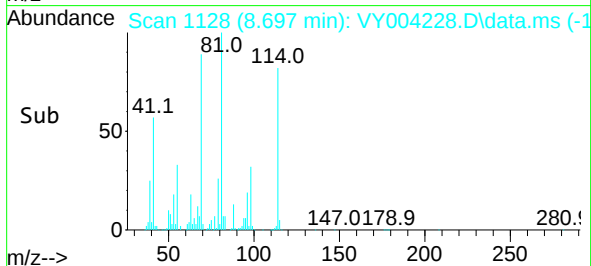
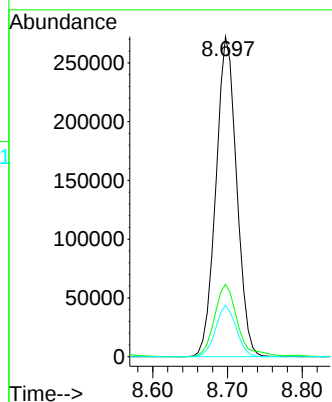
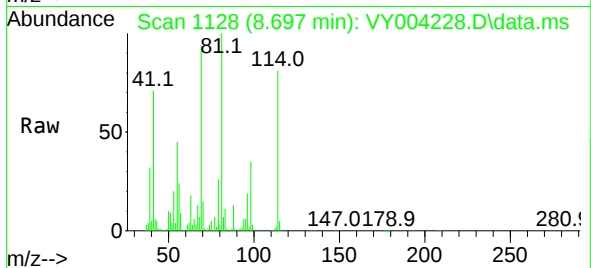
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

Tgt Ion:114 Resp: 525360
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.4
88 16.1 0.0 30.8

Instrument :
MSVOA_Y
ClientSampled :
B5-0-2

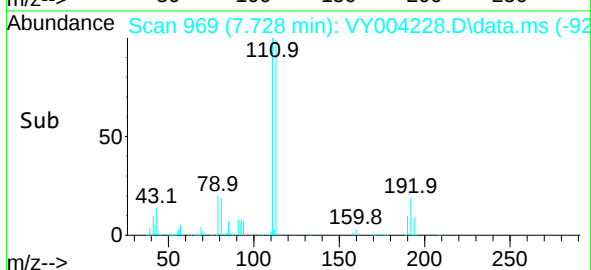
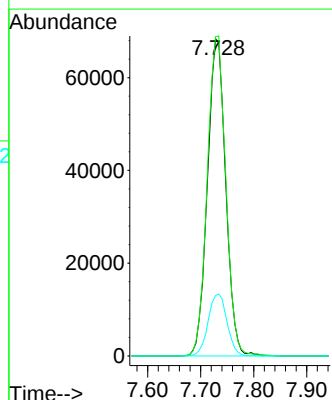
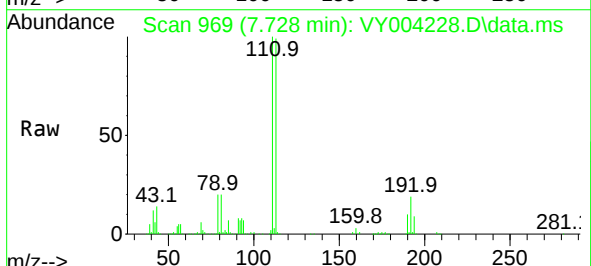
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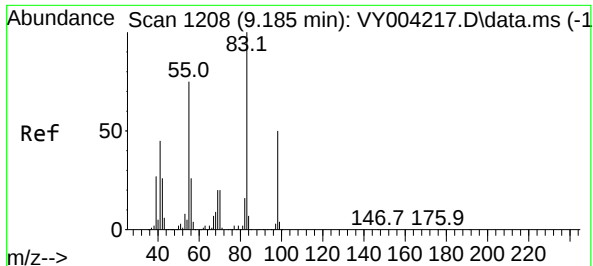
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#35
Dibromofluoromethane
Concen: 56.01 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

Tgt Ion:113 Resp: 163961
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.1 16.4 24.6





#39

Methylcyclohexane

Concen: 352.04 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY004228.D

Acq: 30 Mar 2021 12:32

Tgt Ion: 83 Resp: 2090407

Ion	Ratio	Lower	Upper
83	100		
55	83.1	60.0	90.0
98	50.3	40.2	60.2

Instrument :

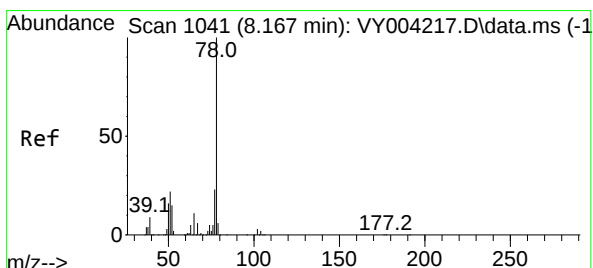
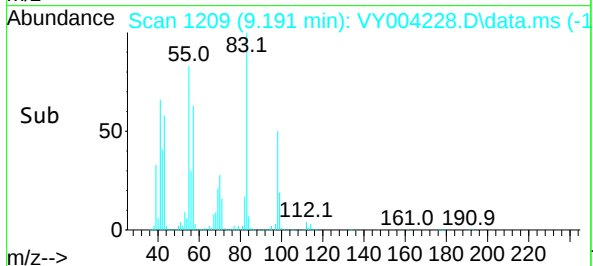
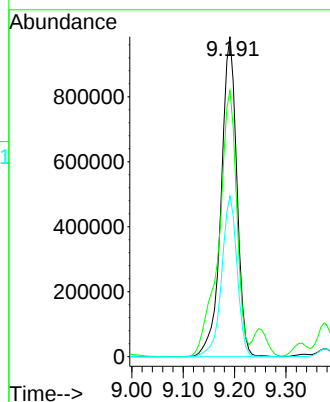
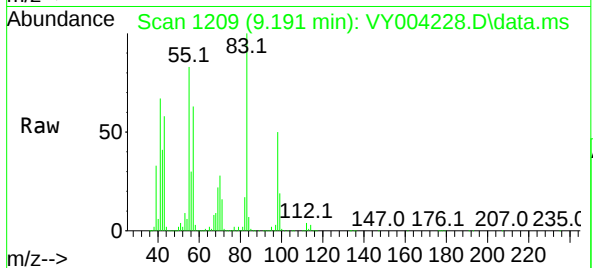
MSVOA_Y

ClientSampled :

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#40

Benzene

Concen: 606.01 ug/l

RT: 8.173 min Scan# 1042

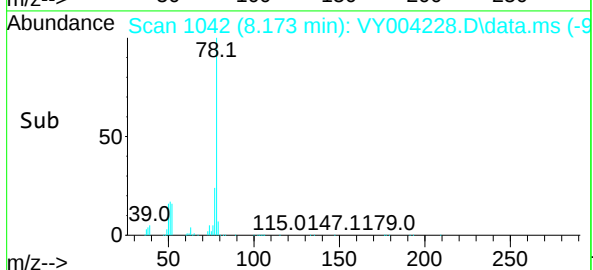
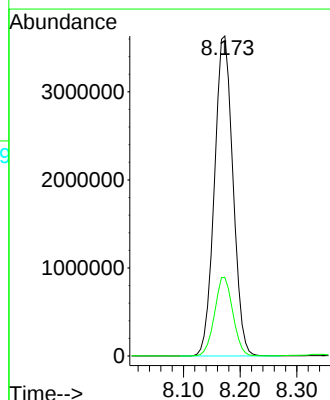
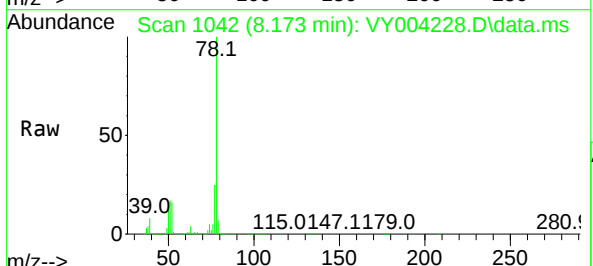
Delta R.T. 0.006 min

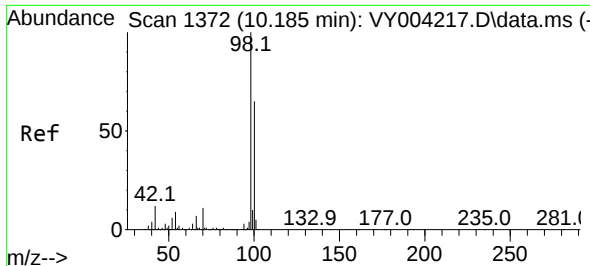
Lab File: VY004228.D

Acq: 30 Mar 2021 12:32

Tgt Ion: 78 Resp: 8238099

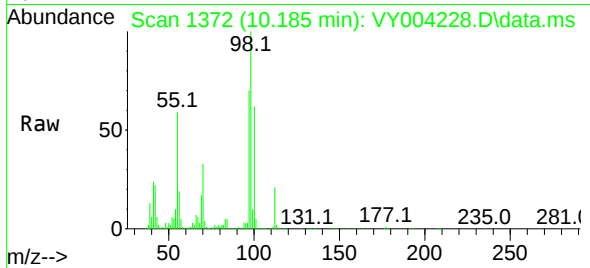
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.3	27.5





#50
Toluene-d8
Concen: 62.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

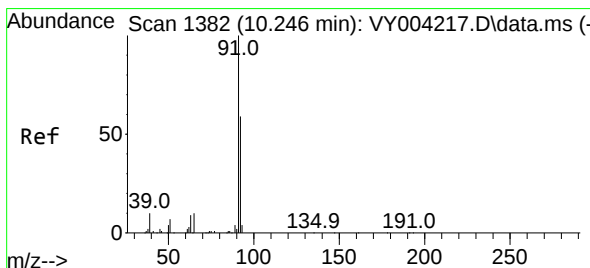
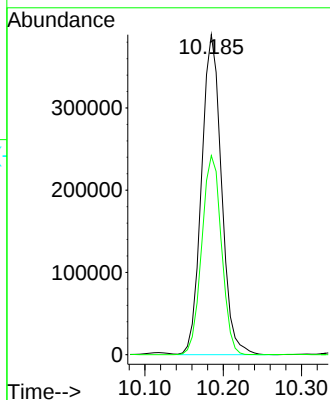
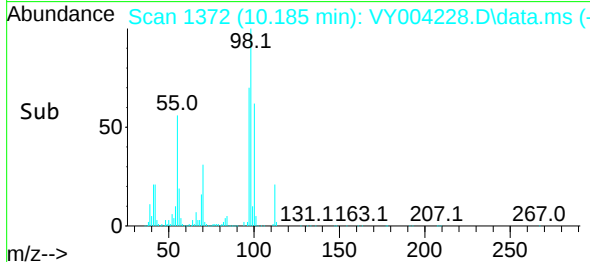
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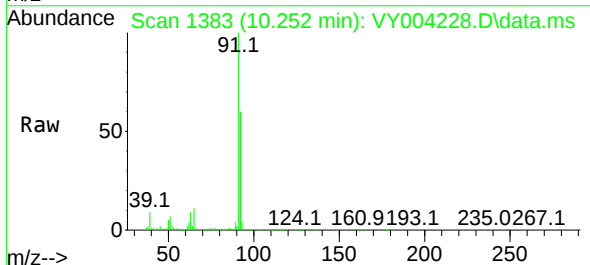
Tgt Ion: 98 Resp: 687131
Ion Ratio Lower Upper
98 100
100 61.4 52.5 78.7

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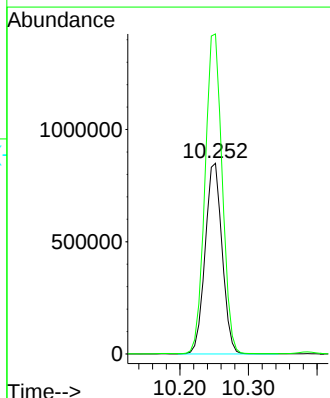
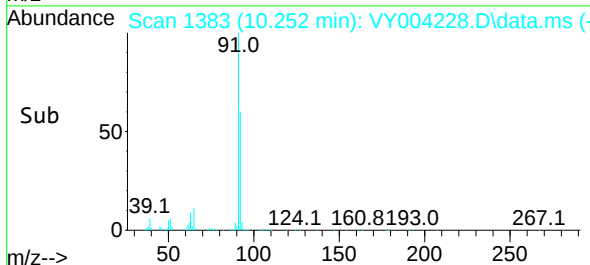
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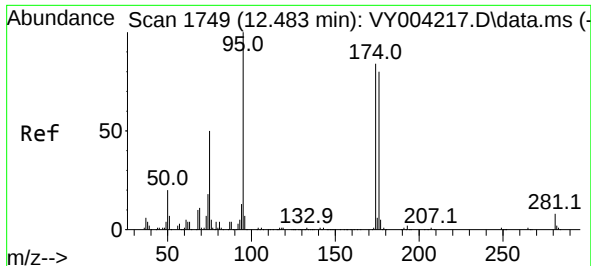


#52
Toluene
Concen: 167.06 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

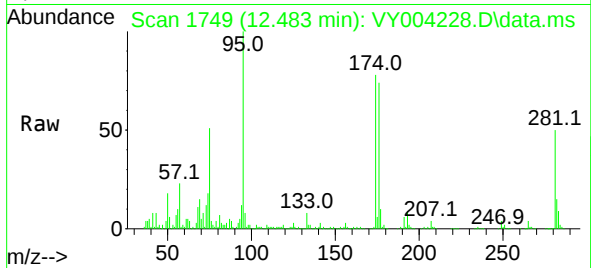


Tgt Ion: 92 Resp: 1460115
Ion Ratio Lower Upper
92 100
91 169.8 136.0 204.0

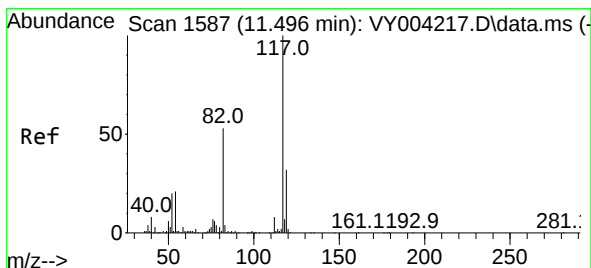
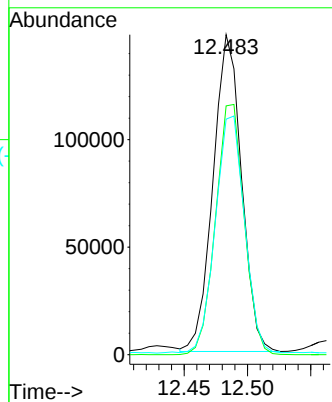
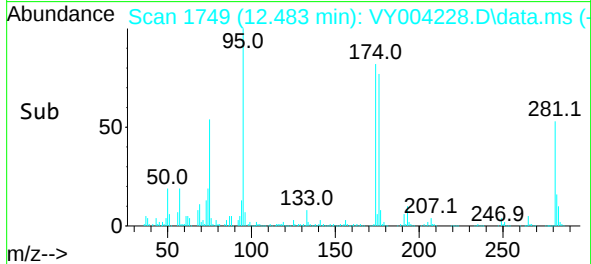




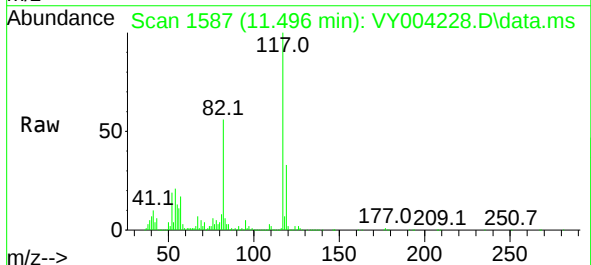
#62
4-Bromofluorobenzene
Concen: 60.97 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32



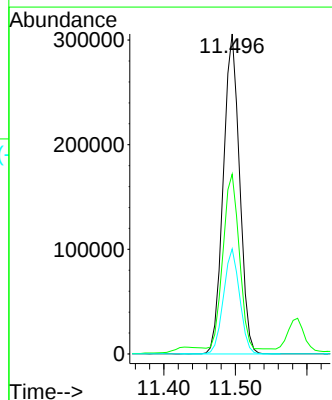
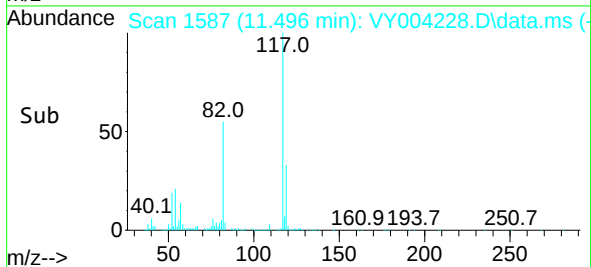
Tgt Ion: 95 Resp: 230059
Ion Ratio Lower Upper
95 100
174 79.4 0.0 171.4
176 76.9 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32



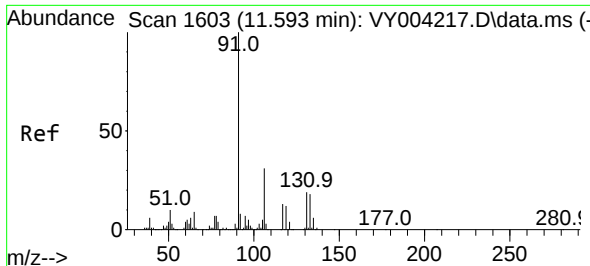
Tgt Ion: 117 Resp: 483804
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 32.8 25.7 38.5



Instrument :
MSVOA_Y
ClientSampleId :
B5-0-2

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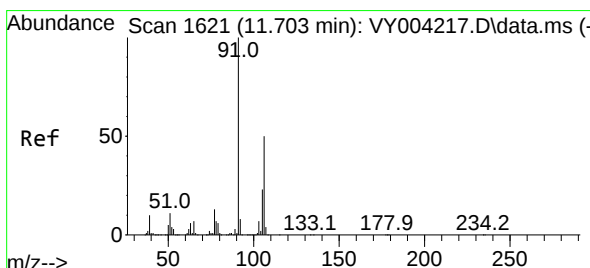
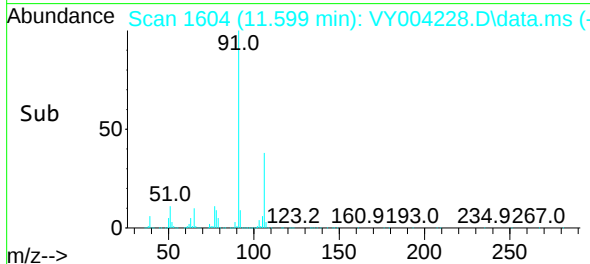
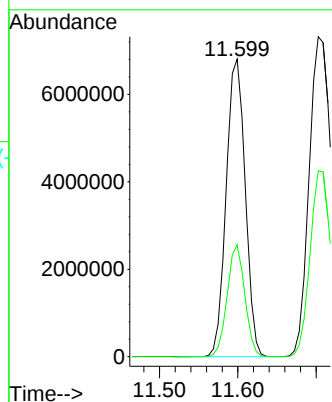
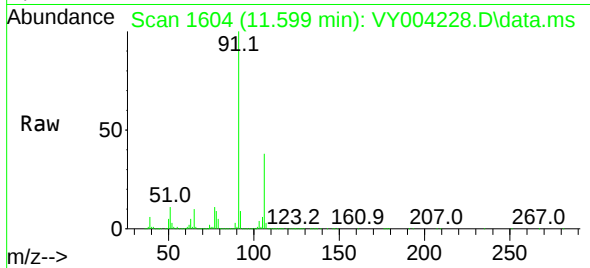
#67
Ethyl Benzene
Concen: 655.97 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

Instrument :
MSVOA_Y
ClientSampled :
B5-0-2

Tgt Ion: 91 Resp:11493430
Ion Ratio Lower Upper
91 100
106 37.6 25.0 37.6#

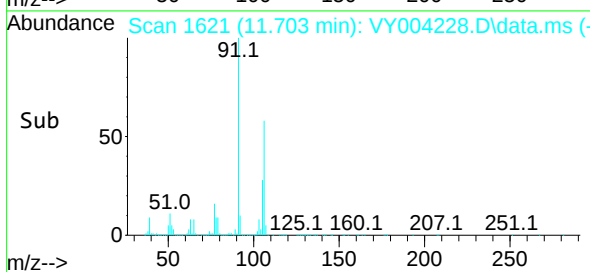
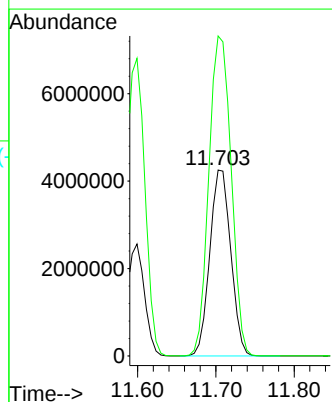
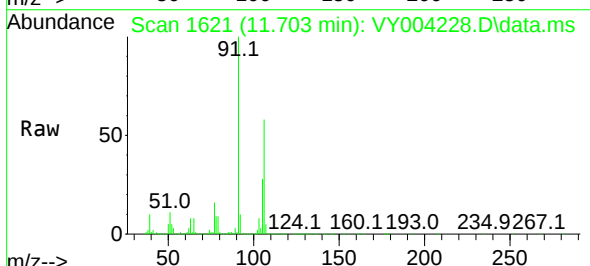
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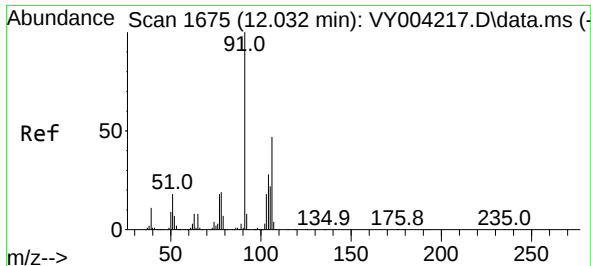
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#68
m/p-Xylenes
Concen: 1175.45 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

Tgt Ion:106 Resp: 7908078
Ion Ratio Lower Upper
106 100
91 183.0 159.8 239.6





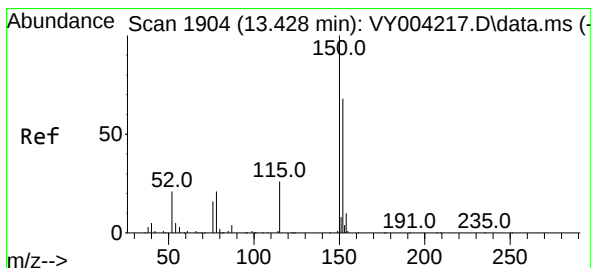
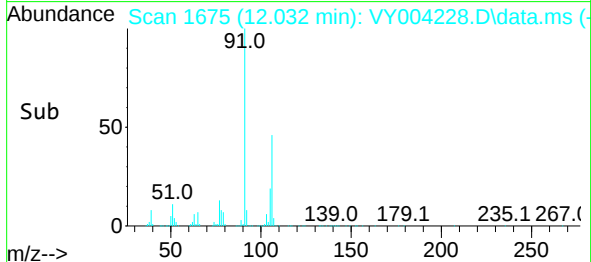
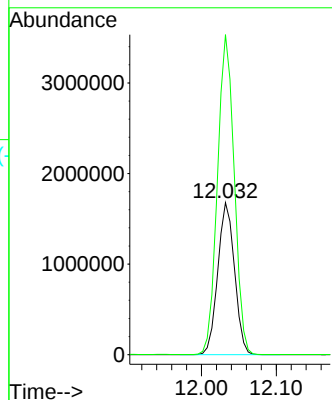
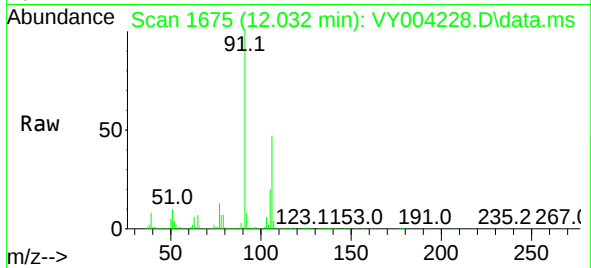
#69
o-Xylene
Concen: 415.09 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

Tgt Ion:106 Resp: 2612931
Ion Ratio Lower Upper
106 100
91 211.3 105.6 316.8

Instrument :
MSVOA_Y
ClientSampled :
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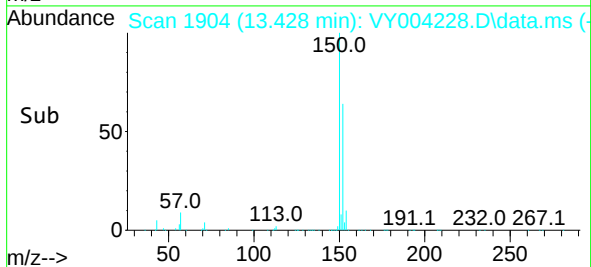
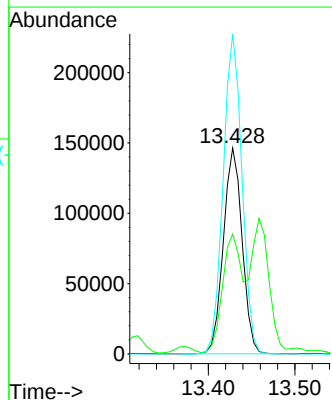
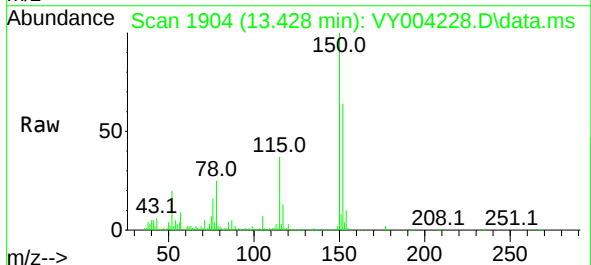
Manual Integrations
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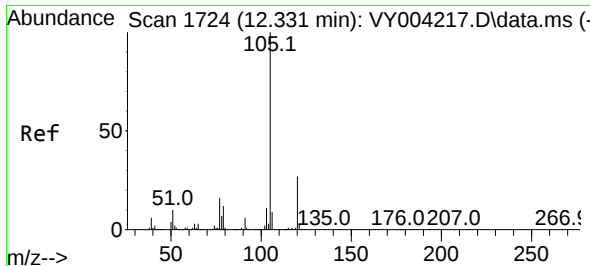
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

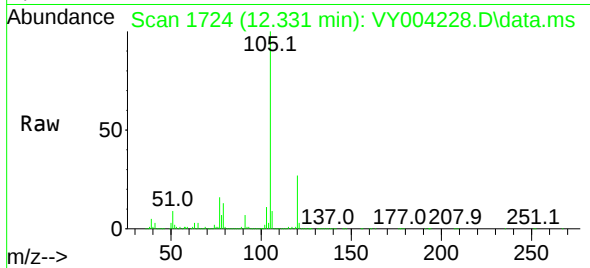
Tgt Ion:152 Resp: 220204
Ion Ratio Lower Upper
152 100
115 57.8 29.0 87.1
150 155.5 0.0 347.4





#73
Isopropylbenzene
Concen: 137.98 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

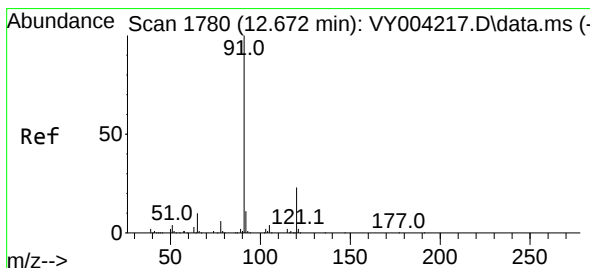
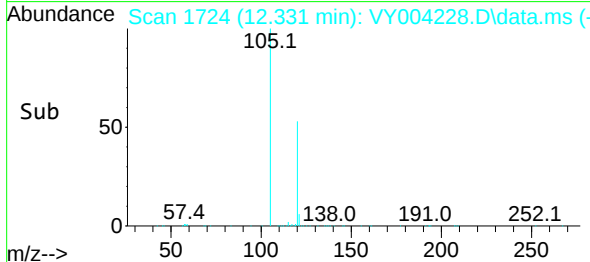
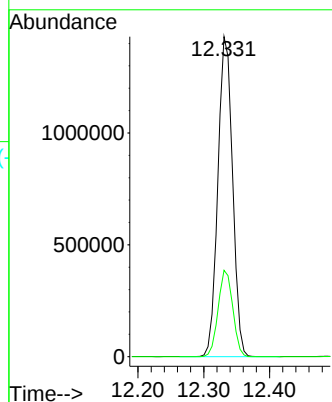
Instrument :
MSVOA_Y
ClientSampled :
B5-0-2



Tgt Ion:105 Resp: 2219733
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

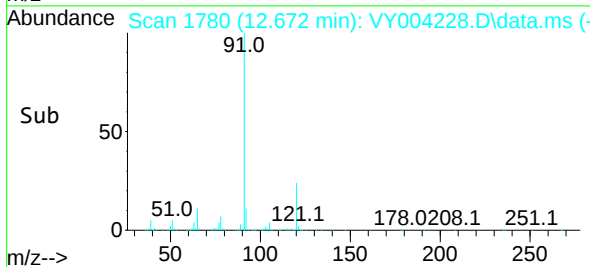
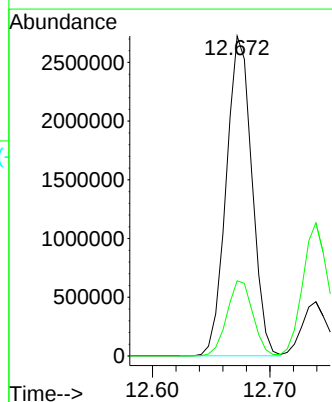
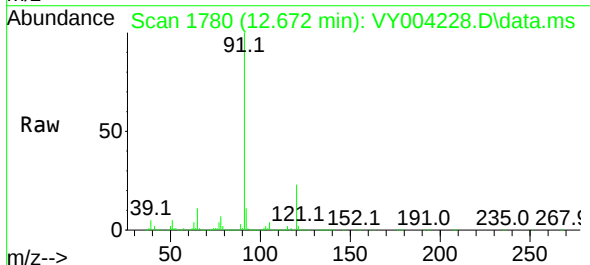
Manual Integrations
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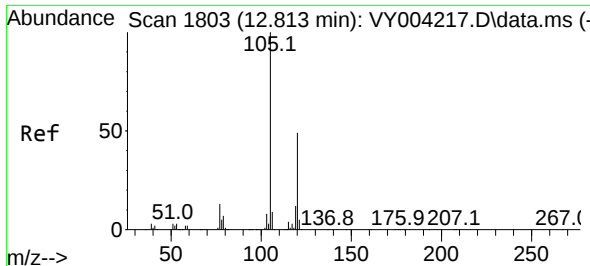
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#78
n-propylbenzene
Concen: 222.03 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

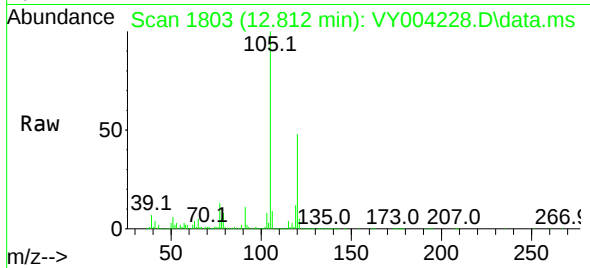
Tgt Ion: 91 Resp: 4132692
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 209.80 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

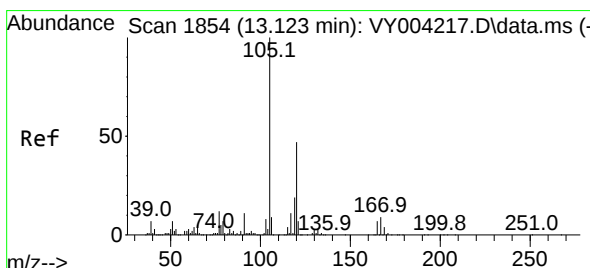
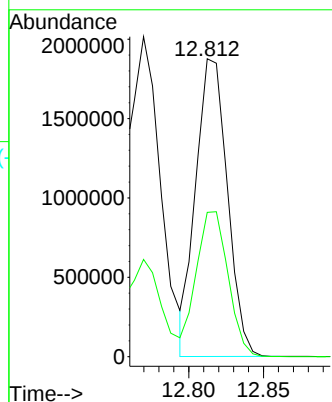
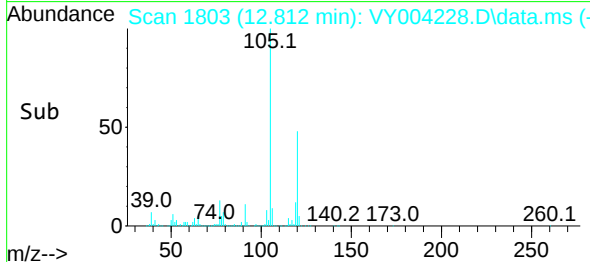
Instrument :
MSVOA_Y
ClientSampleId :
B5-0-2



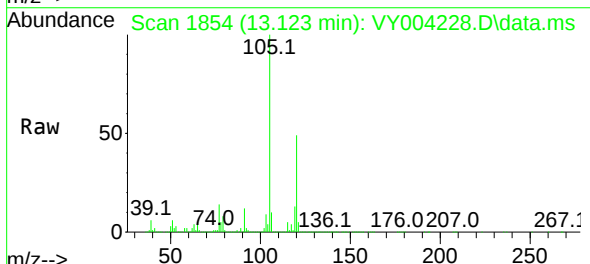
Tgt Ion:105 Resp: 2753334
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7

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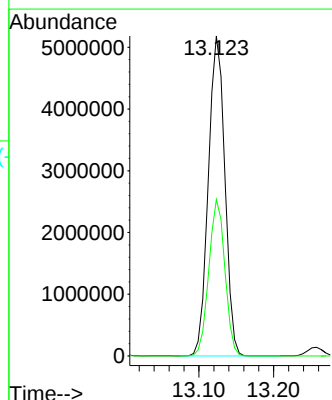
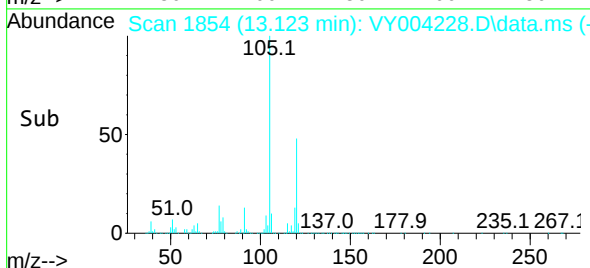
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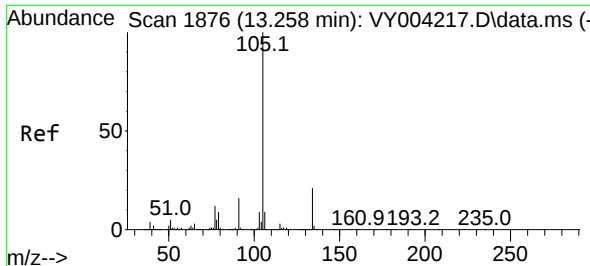


#84
1,2,4-Trimethylbenzene
Concen: 602.15 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32



Tgt Ion:105 Resp: 7926506
Ion Ratio Lower Upper
105 100
120 47.5 22.9 68.7





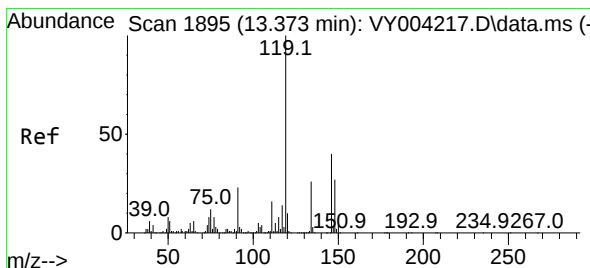
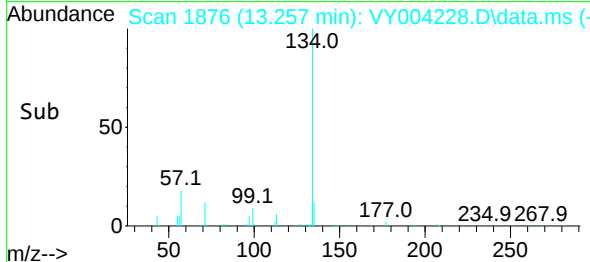
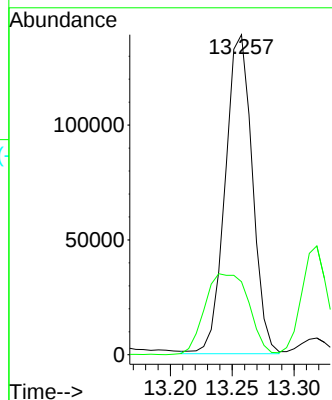
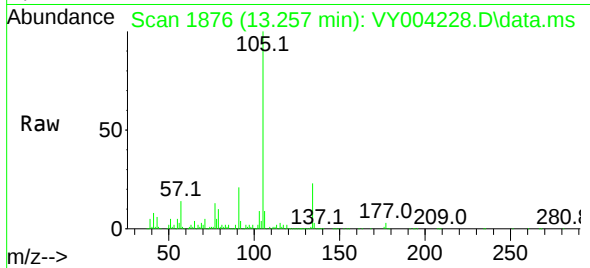
#85
 sec-Butylbenzene
 Concen: 13.56 ug/l m
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY004228.D
 Acq: 30 Mar 2021 12:32

Tgt Ion:105 Resp: 211629
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#

Instrument :
 MSVOA_Y
 ClientSampled :
 B5-0-2

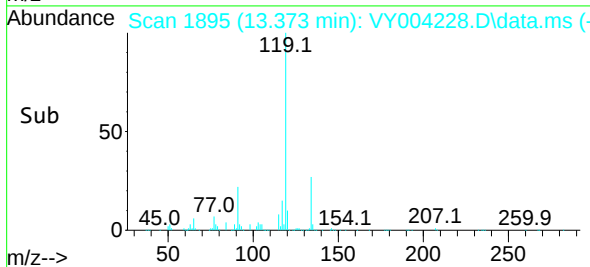
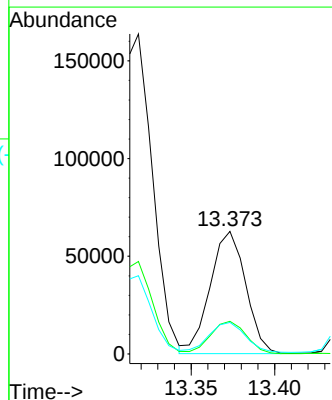
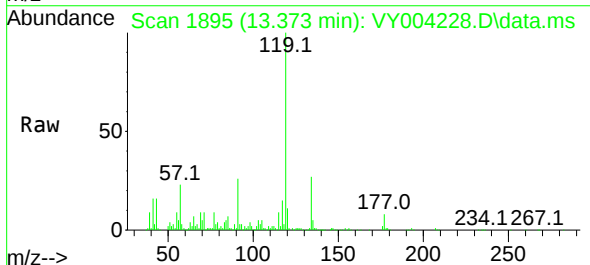
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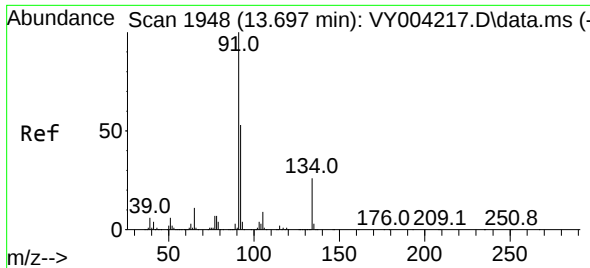
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#86
 p-Isopropyltoluene
 Concen: 6.39 ug/l m
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY004228.D
 Acq: 30 Mar 2021 12:32

Tgt Ion:119 Resp: 92848
 Ion Ratio Lower Upper
 119 100
 134 74.1 13.3 39.9#
 91 60.5 12.0 36.0#





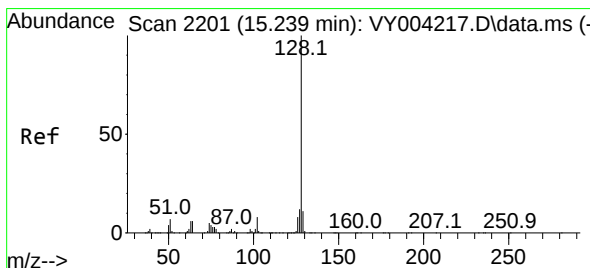
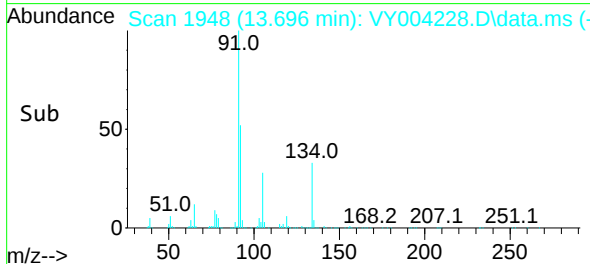
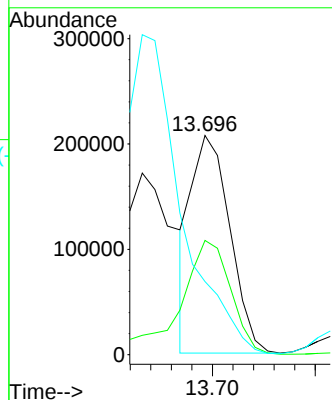
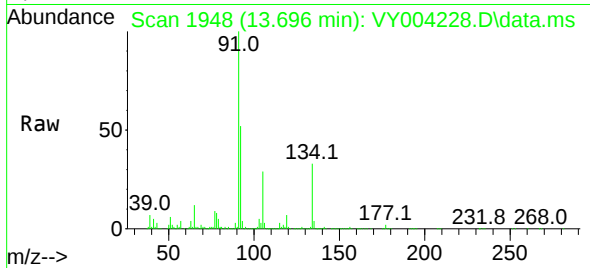
#89
n-Butylbenzene
Concen: 20.20 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

Tgt Ion: 91 Resp: 269787
Ion Ratio Lower Upper
91 100
92 68.3 26.5 79.4
134 0.0 13.6 40.7#

Instrument :
MSVOA_Y
ClientSampled :
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#95
Naphthalene
Concen: 172.08 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004228.D
Acq: 30 Mar 2021 12:32

Tgt Ion:128 Resp: 1636431
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.0 8.9 13.3

