

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006193.D
 Acq On : 28 Sep 2021 17:09
 Operator : SY/MD
 Sample : M3933-02
 Misc : 1.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0922-XYL-2

Manual Integrations
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 9/29/2021 6:33:30 PM

Quant Time: Sep 29 03:21:26 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	148829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	199824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78028	48.985	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.960%		
35) Dibromofluoromethane	7.722	113	63826	50.632	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.260%		
50) Toluene-d8	10.185	98	296199	56.144	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	112.280%		
62) 4-Bromofluorobenzene	12.483	95	85342	47.617	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.240%		
Target Compounds					Qvalue	
16) Acetone	4.009	43	11218m	25.215	ug/l	
25) 2-Butanone	7.027	43	7215	11.642	ug/l #	75
51) 4-Methyl-2-Pentanone	10.075	43	161505	118.584	ug/l	98
67) Ethyl Benzene	11.593	91	604881	81.050	ug/l	99
68) m/p-Xylenes	11.703	106	1029422	363.490	ug/l	98
69) o-Xylene	12.032	106	666521	249.192	ug/l	99
73) Isopropylbenzene	12.331	105	24115	3.849	ug/l	100
78) n-propylbenzene	12.672	91	31238	4.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	101273	19.329	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	324411	62.705	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	3530	1.213	ug/l #	68
88) 1,4-Dichlorobenzene	13.446	146	4521	1.575	ug/l #	38
93) 1,2,4-Trichlorobenzene	15.007	180	3762	2.237	ug/l	94
95) Naphthalene	15.239	128	32630	9.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	2291	1.537	ug/l	90

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

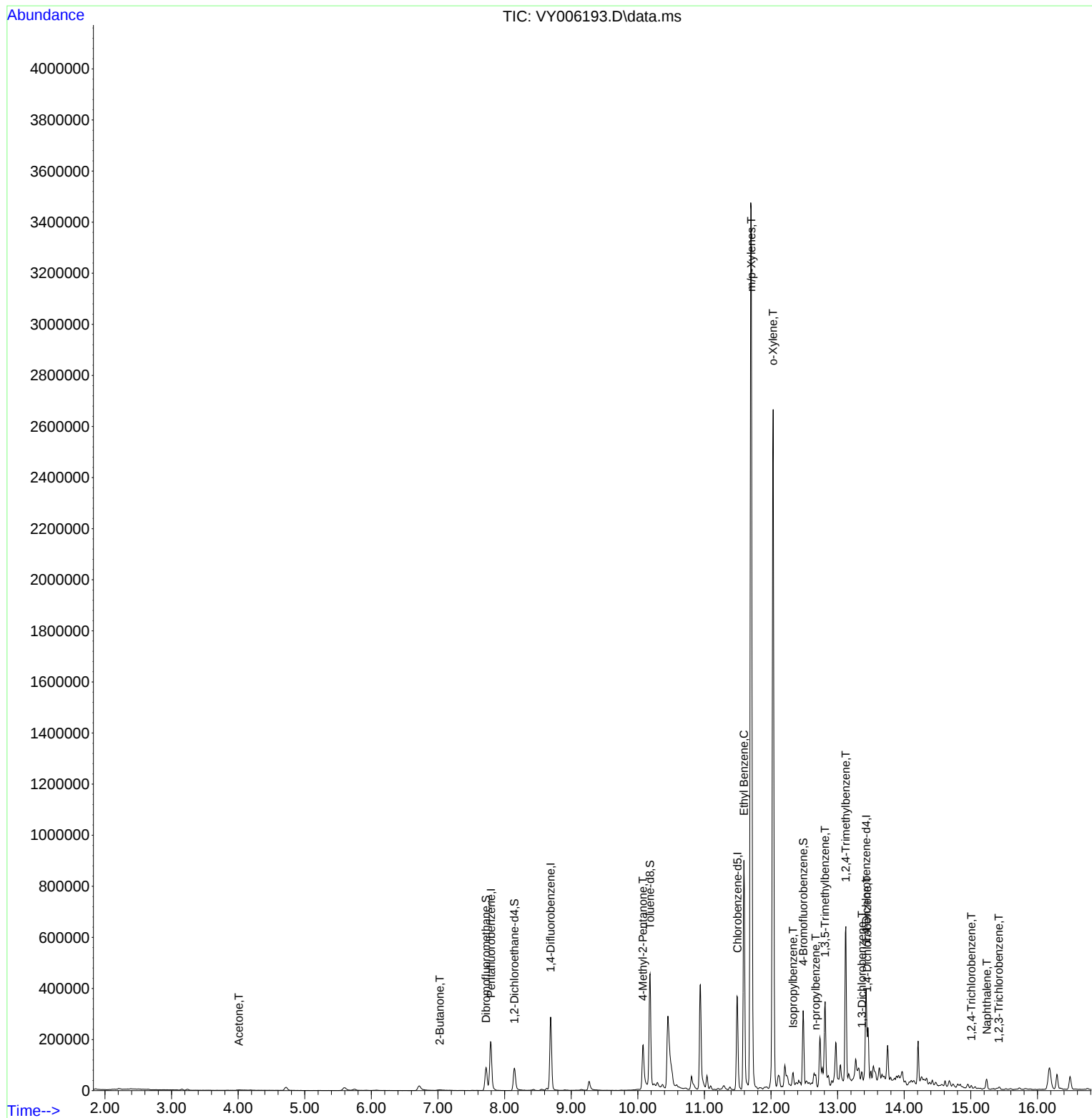
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Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
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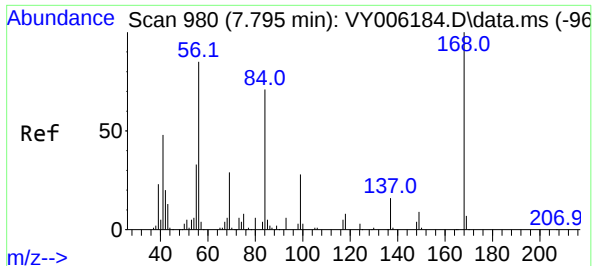
Instrument :
MSVOA_Y
ClientSampleId :
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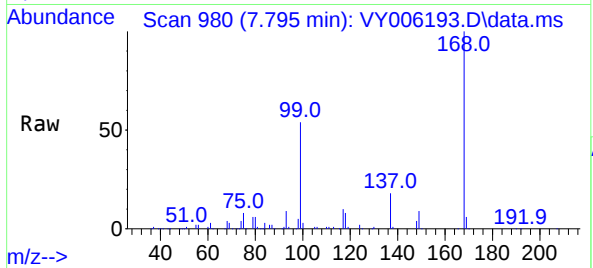
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Quant Time: Sep 29 03:21:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

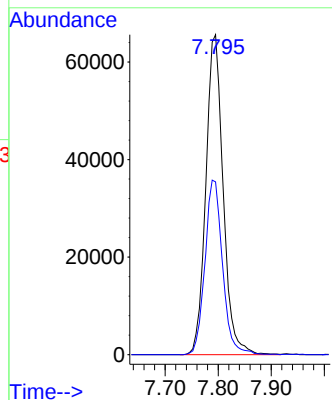




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



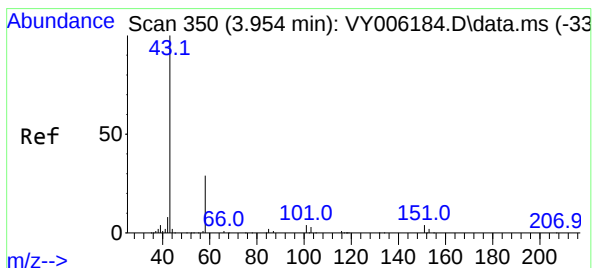
Tgt Ion:168 Resp: 148829
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



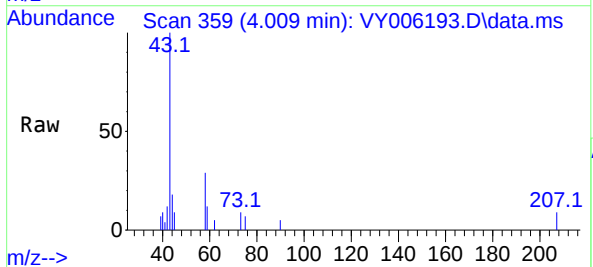
Instrument :
MSVOA_Y
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191-0922-XYL-2

Manual Integrations
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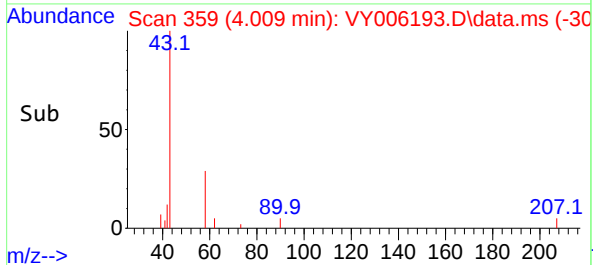
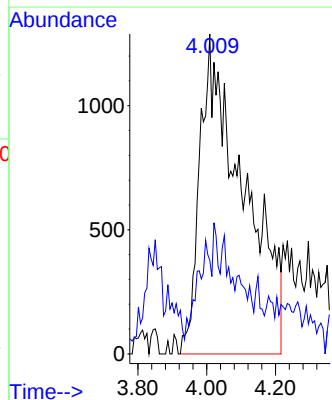
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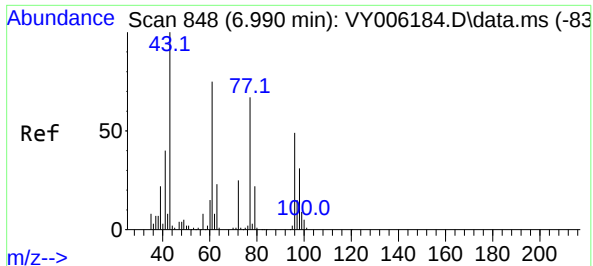


#16
Acetone
Concen: 25.215 ug/l m
RT: 4.009 min Scan# 359
Delta R.T. 0.055 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



Tgt Ion: 43 Resp: 11218
Ion Ratio Lower Upper
43 100
58 29.2 22.0 33.0





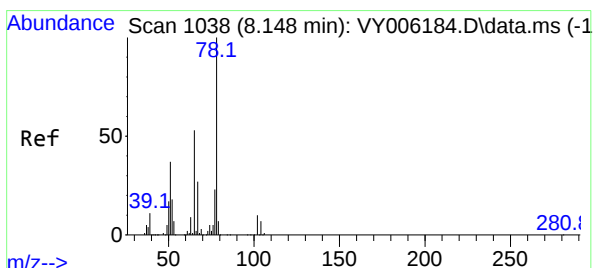
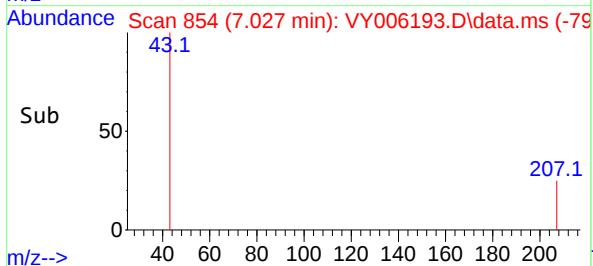
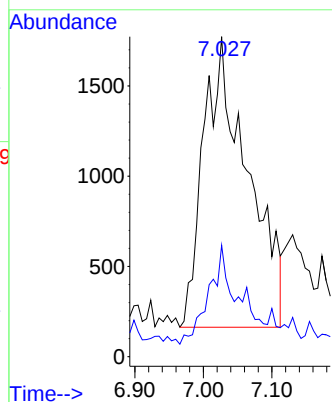
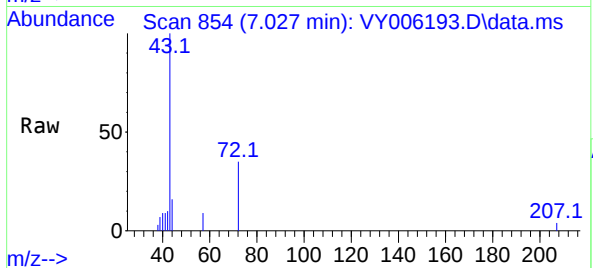
#25
2-Butanone
Concen: 11.642 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.037 min
Lab File: VY006193.D
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Tgt Ion: 43 Resp: 7215
Ion Ratio Lower Upper
43 100
72 34.0 17.7 26.5#

Instrument :
MSVOA_Y
ClientSampleId :
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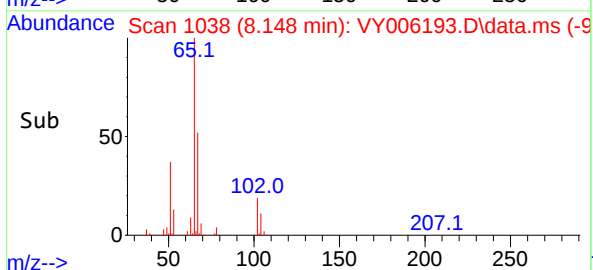
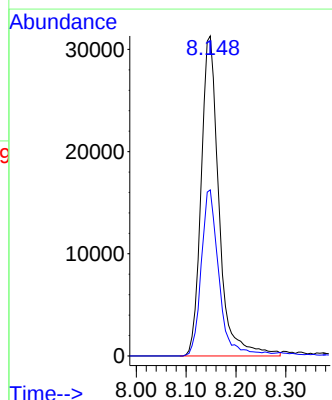
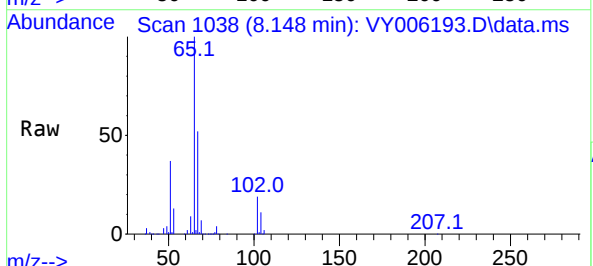
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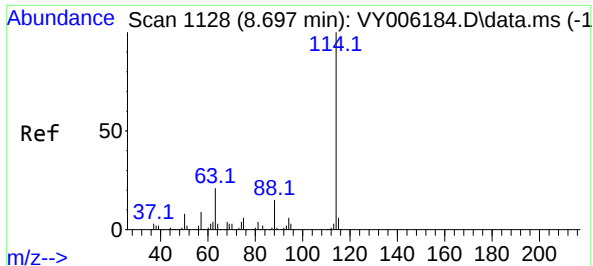
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#33
1,2-Dichloroethane-d4
Concen: 48.985 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

Tgt Ion: 65 Resp: 78028
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4





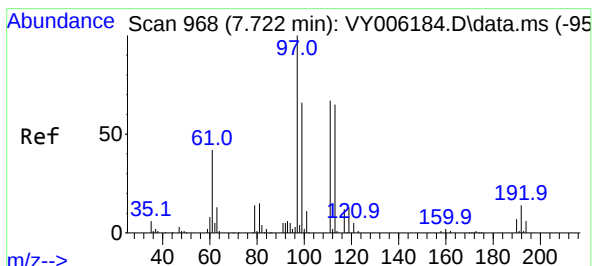
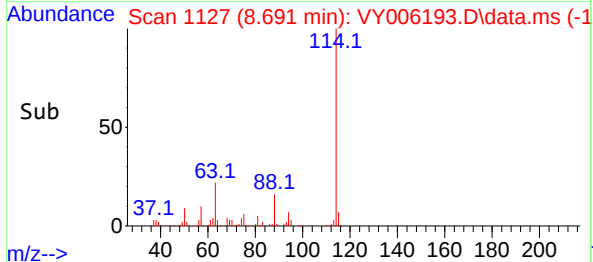
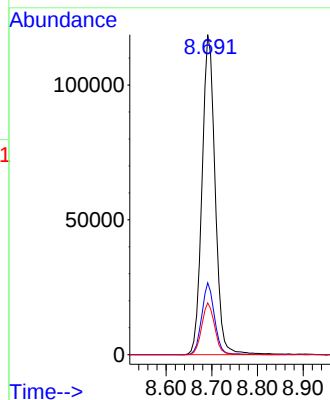
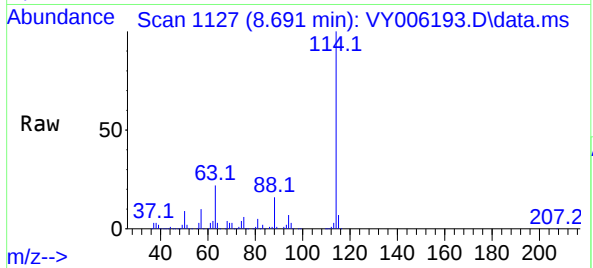
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

Tgt Ion:	114	Resp:	235948
Ion Ratio	Lower	Upper	
114	100		
63	22.5	0.0	43.2
88	16.2	0.0	31.8

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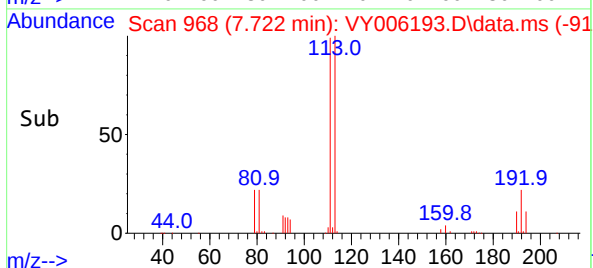
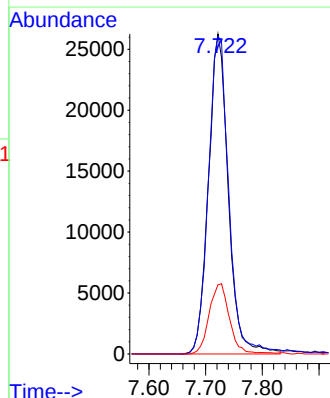
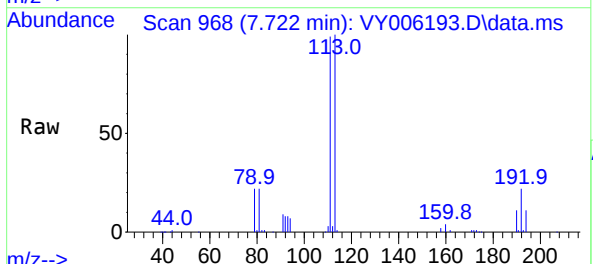
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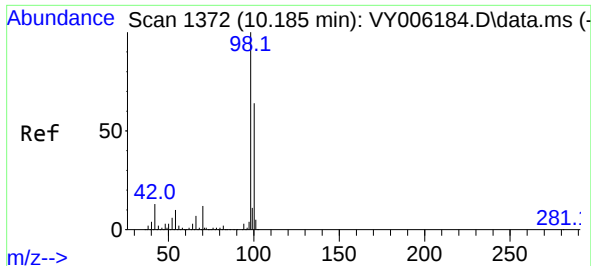
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#35
Dibromofluoromethane
Concen: 50.632 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

Tgt Ion:	113	Resp:	63826
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.6	124.0
192	22.5	17.6	26.4





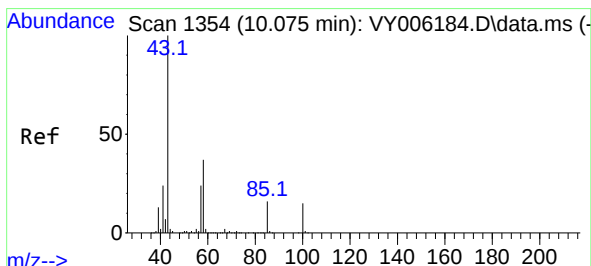
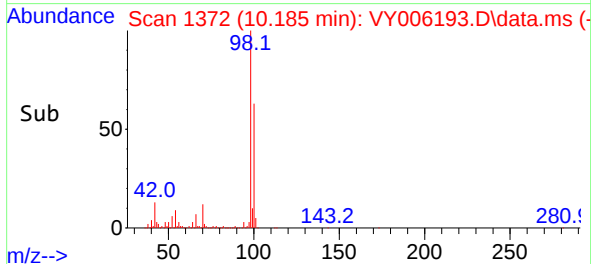
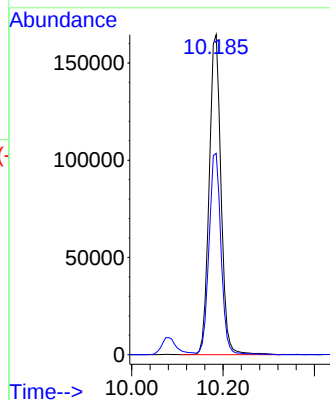
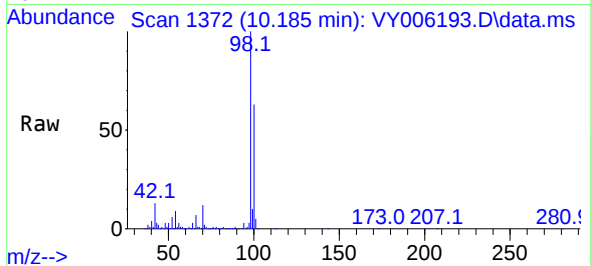
#50
Toluene-d8
Concen: 56.144 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

Tgt Ion: 98 Resp: 296199
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

Instrument :
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ClientSampleId :
191-0922-XYL-2

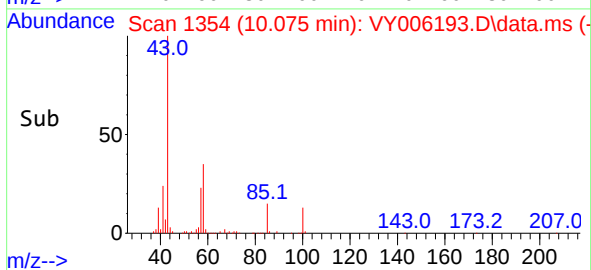
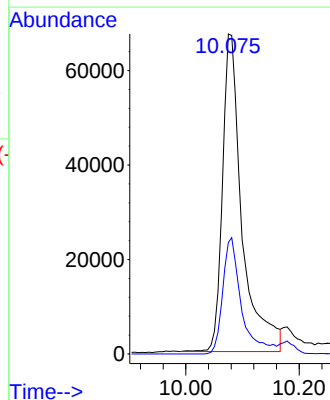
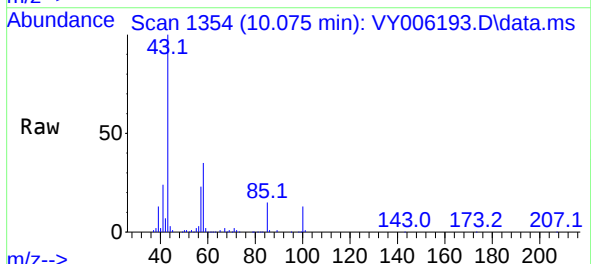
Manual Integrations
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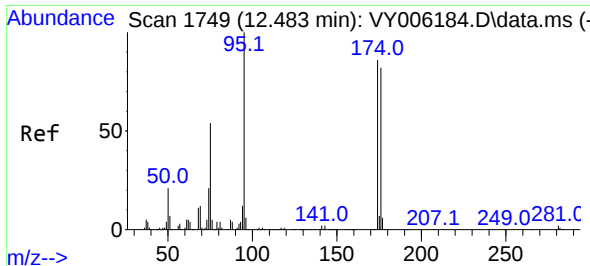
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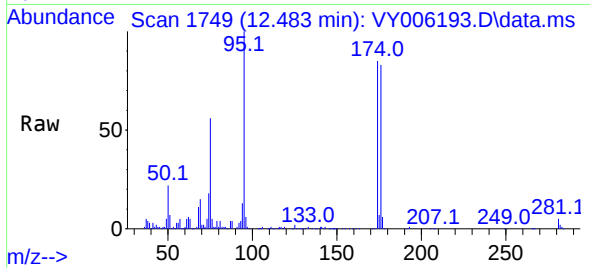
#51
4-Methyl-2-Pentanone
Concen: 118.584 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

Tgt Ion: 43 Resp: 161505
Ion Ratio Lower Upper
43 100
58 34.2 28.1 42.1

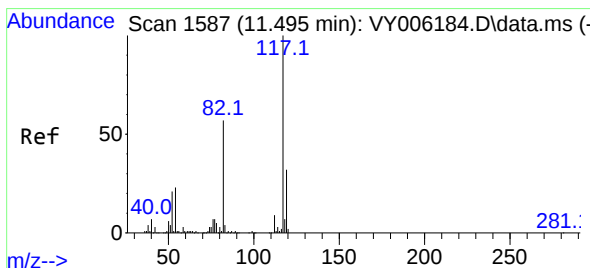
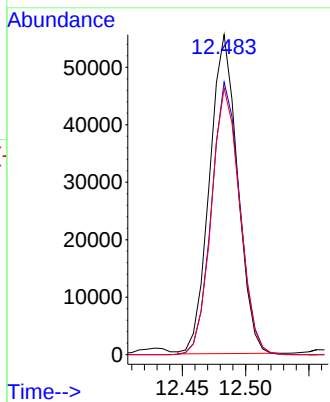
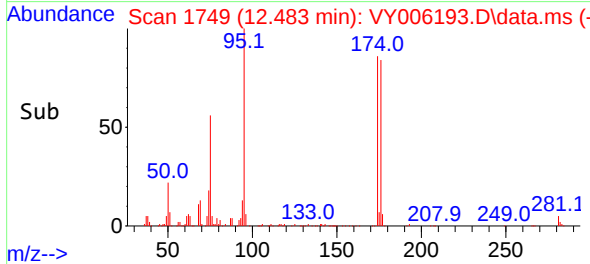




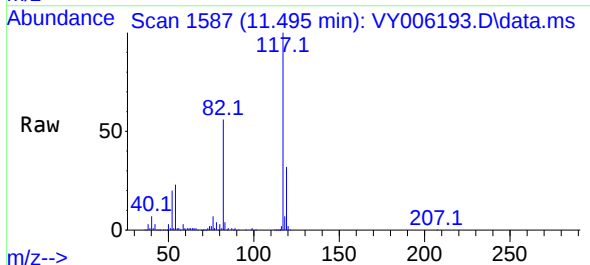
#62
4-Bromofluorobenzene
Concen: 47.617 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



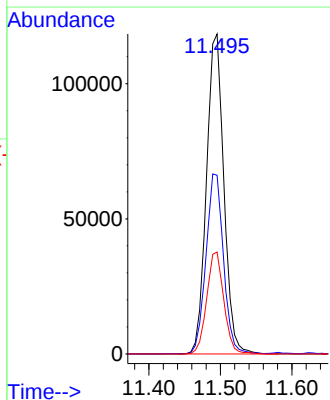
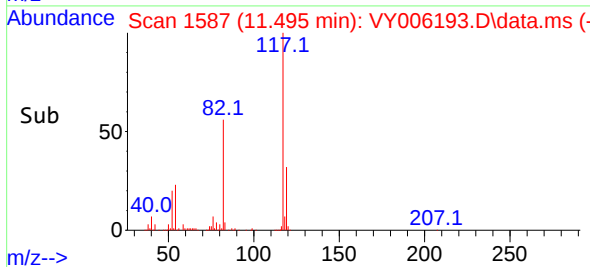
Tgt Ion: 95 Resp: 85342
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 84.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



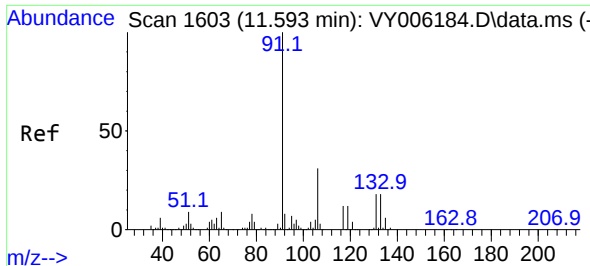
Tgt Ion: 117 Resp: 199824
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 31.8 25.4 38.0



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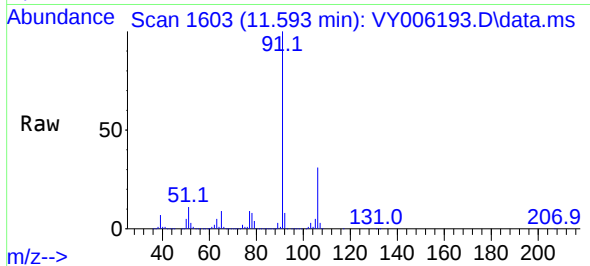
Manual Integrations
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#67
Ethyl Benzene
Concen: 81.050 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

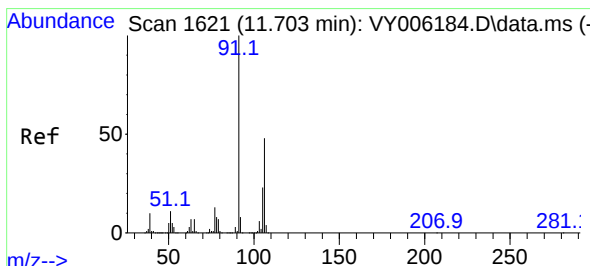
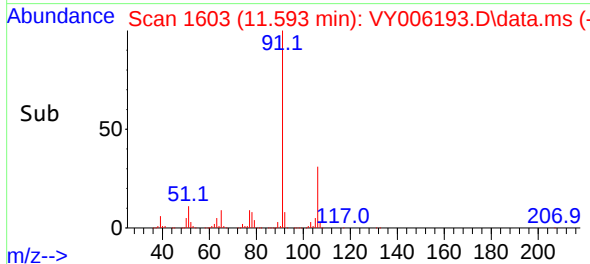
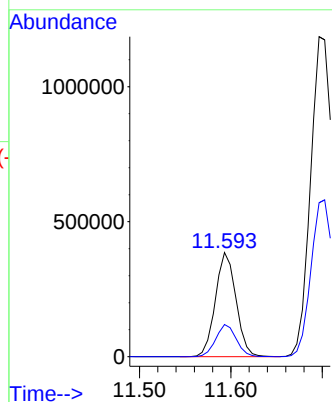
Instrument :
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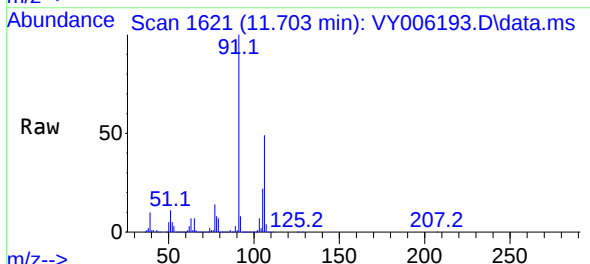
Tgt Ion: 91 Resp: 604881
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7

Manual Integrations
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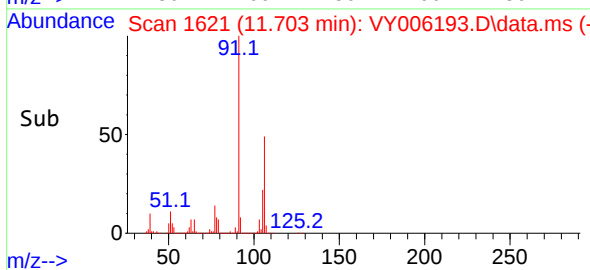
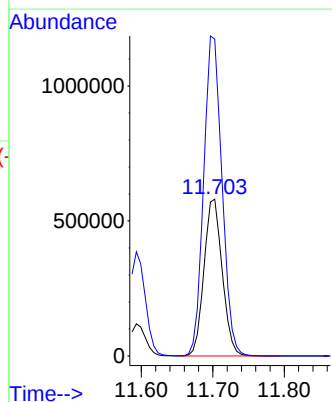
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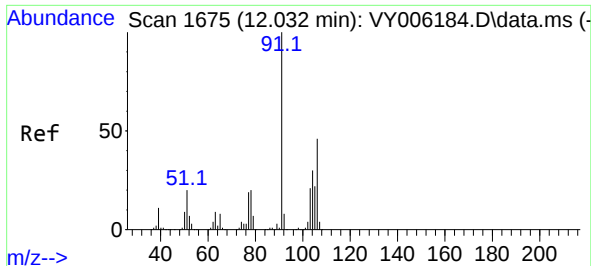


#68
m/p-Xylenes
Concen: 363.490 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



Tgt Ion: 106 Resp: 1029422
Ion Ratio Lower Upper
106 100
91 205.1 166.6 249.8





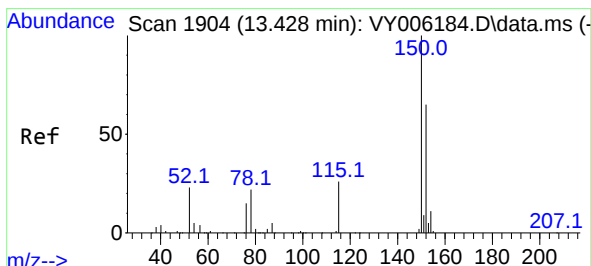
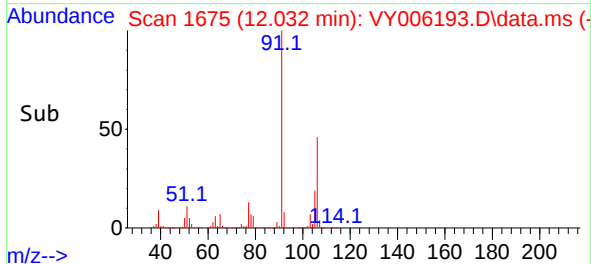
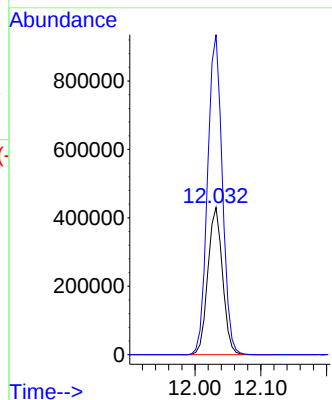
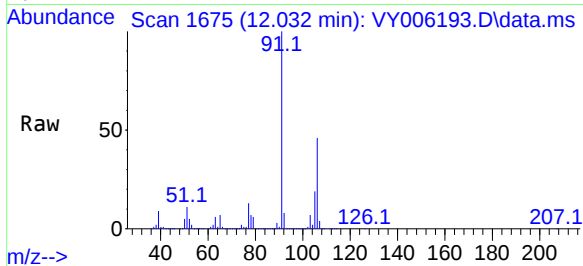
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o-Xylene
Concen: 249.192 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

Tgt Ion:106 Resp: 666521
Ion Ratio Lower Upper
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91 218.9 110.3 331.0

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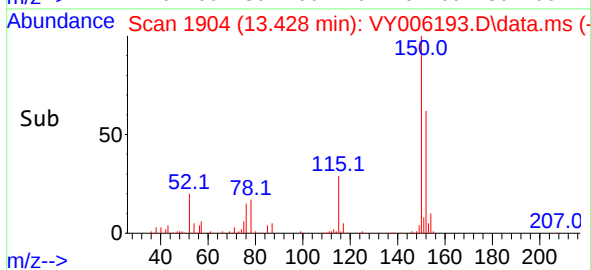
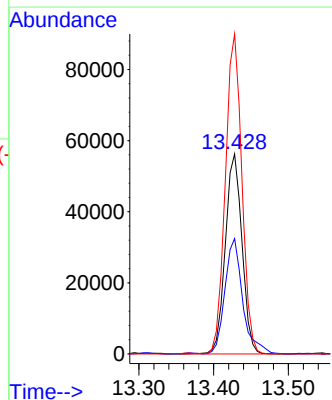
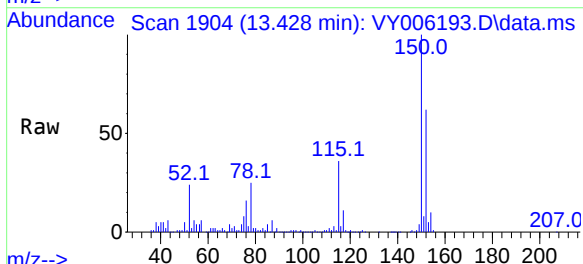
Manual Integrations
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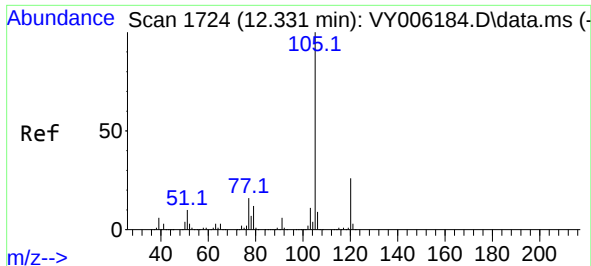
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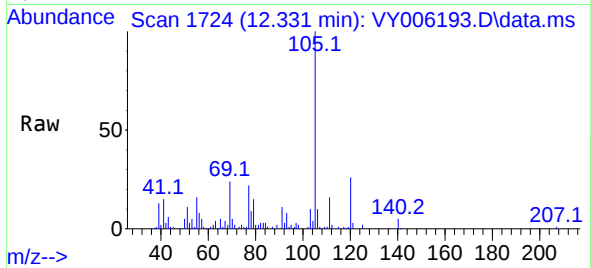
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

Tgt Ion:152 Resp: 87476
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 158.1 0.0 347.6

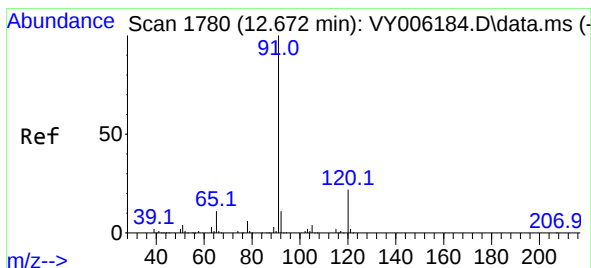
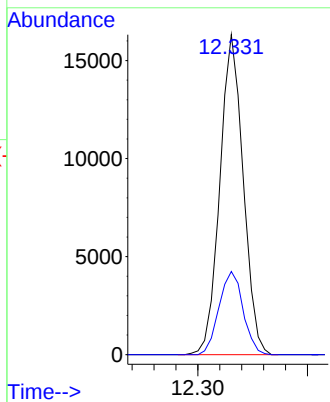
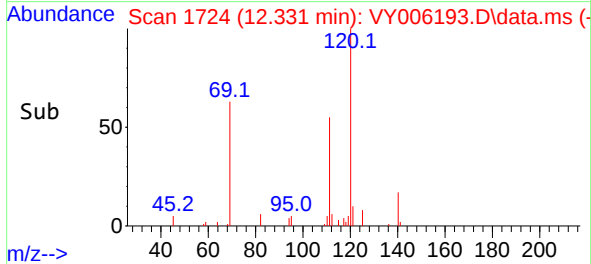




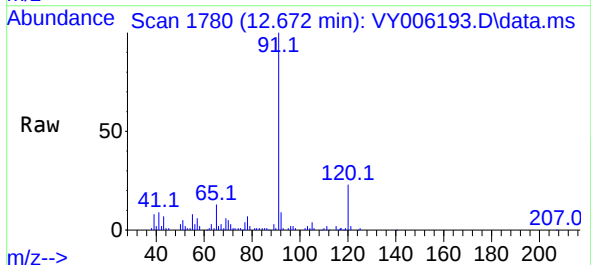
#73
Isopropylbenzene
Concen: 3.849 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



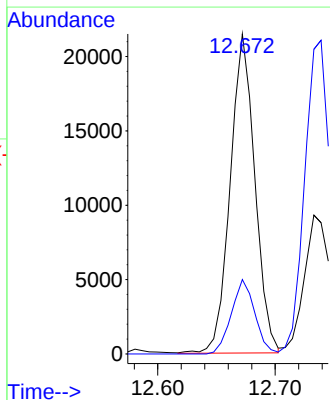
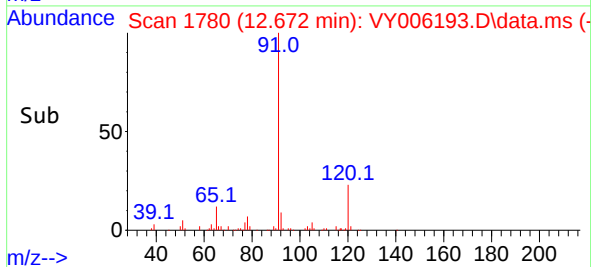
Tgt Ion: 105 Resp: 24115
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#78
n-propylbenzene
Concen: 4.050 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



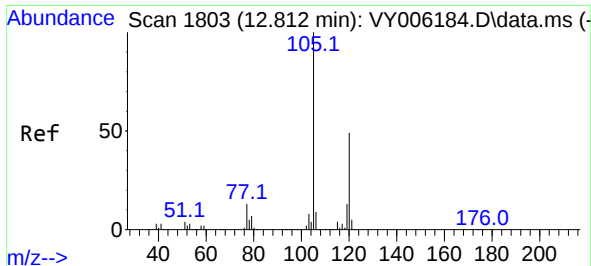
Tgt Ion: 91 Resp: 31238
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9



Instrument :
MSVOA_Y
ClientSampleId :
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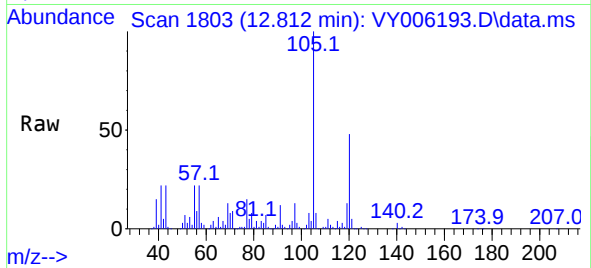
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#80
1,3,5-Trimethylbenzene
Concen: 19.329 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

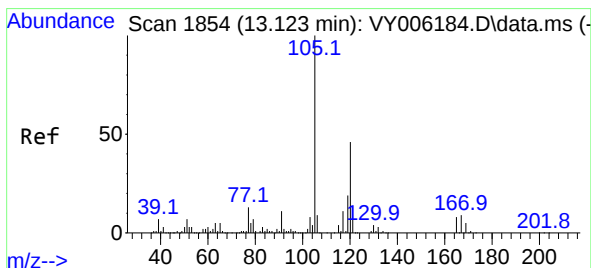
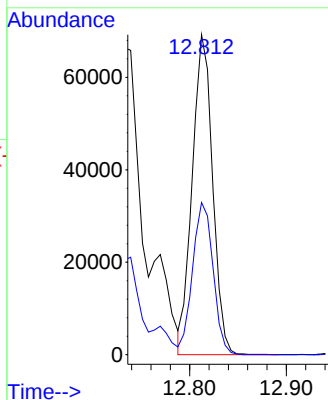
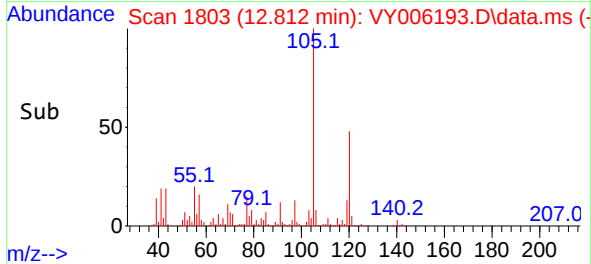
Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2



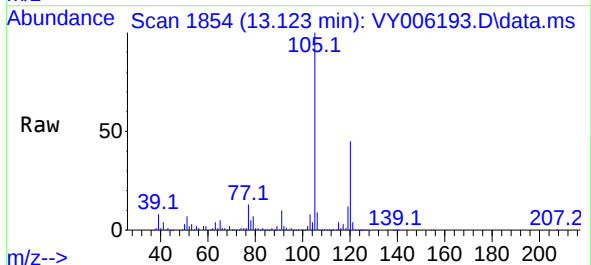
Tgt Ion:105 Resp: 101273
Ion Ratio Lower Upper
105 100
120 48.0 24.4 73.4

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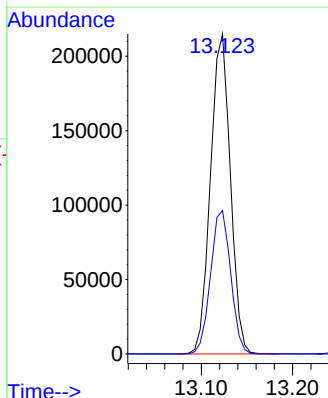
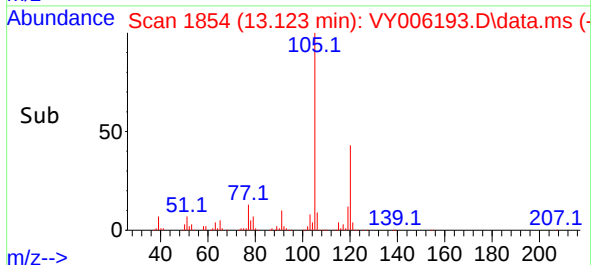
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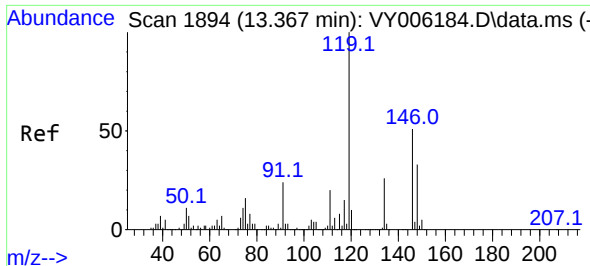


#84
1,2,4-Trimethylbenzene
Concen: 62.705 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

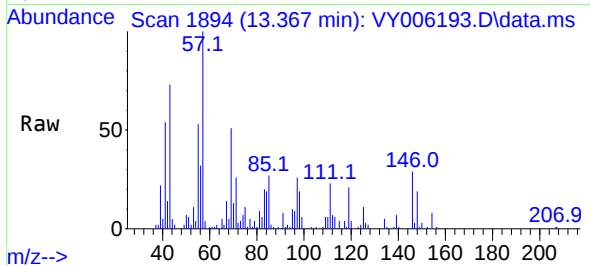


Tgt Ion:105 Resp: 324411
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9

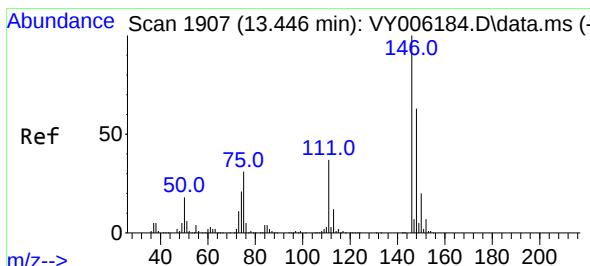
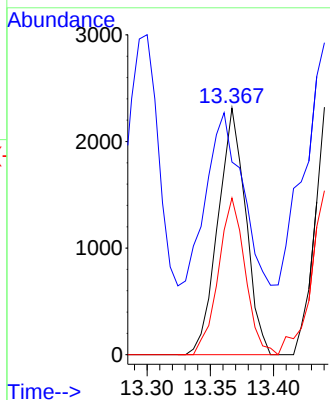
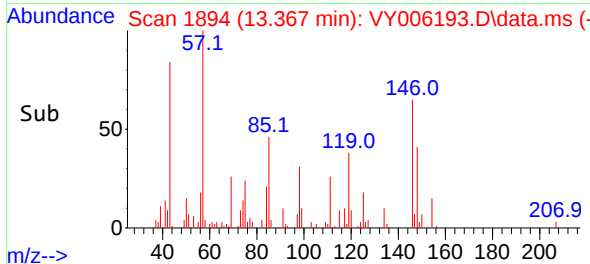




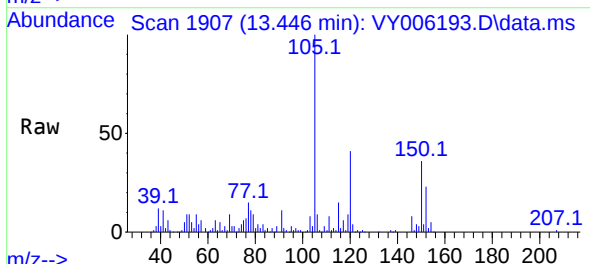
#87
1,3-Dichlorobenzene
Concen: 1.213 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



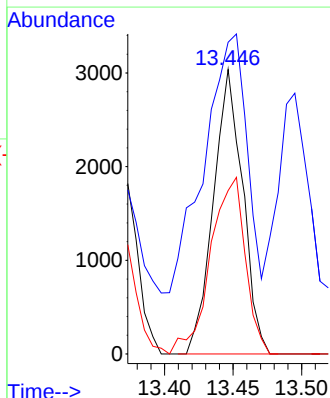
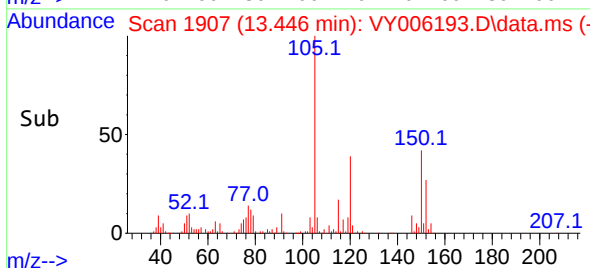
Tgt Ion:146 Resp: 3530
Ion Ratio Lower Upper
146 100
111 88.4 19.5 58.5#
148 61.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 1.575 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



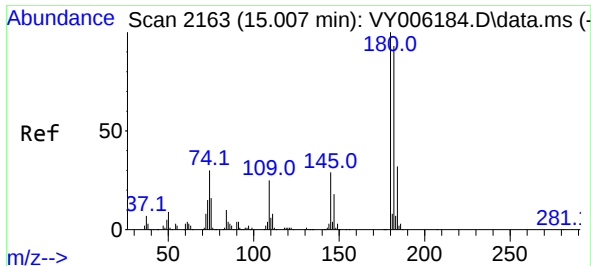
Tgt Ion:146 Resp: 4521
Ion Ratio Lower Upper
146 100
111 129.2 19.3 57.8#
148 73.6 32.6 97.8



Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

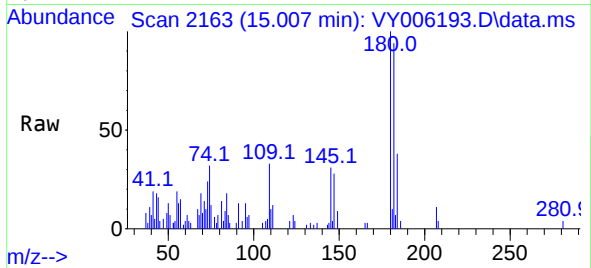
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#93
1,2,4-Trichlorobenzene
Concen: 2.237 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09

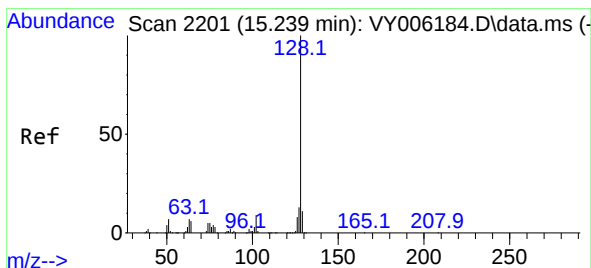
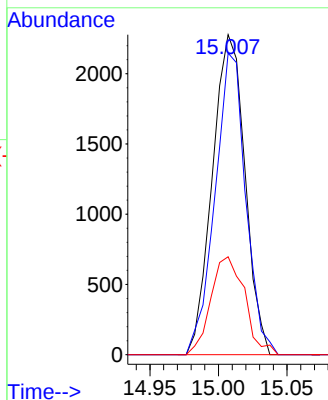
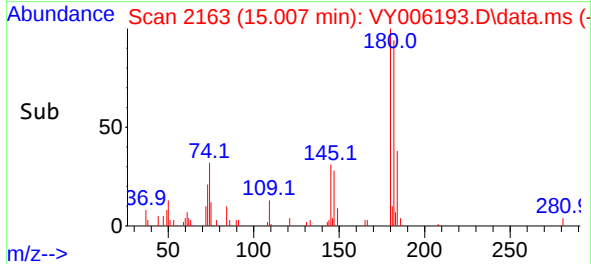
Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2



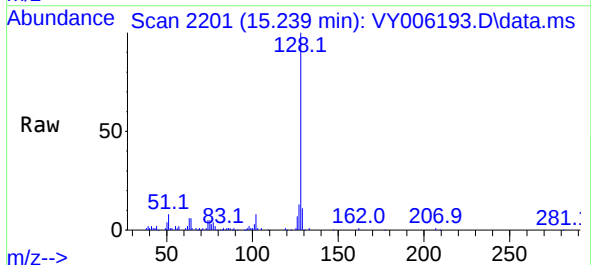
Tgt Ion:180 Resp: 3762
Ion Ratio Lower Upper
180 100
182 89.0 47.3 141.9
145 31.9 14.6 43.8

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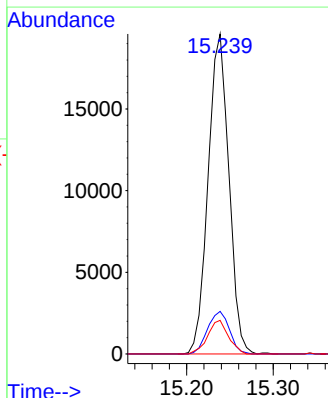
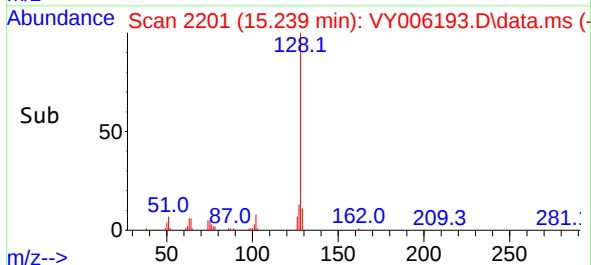
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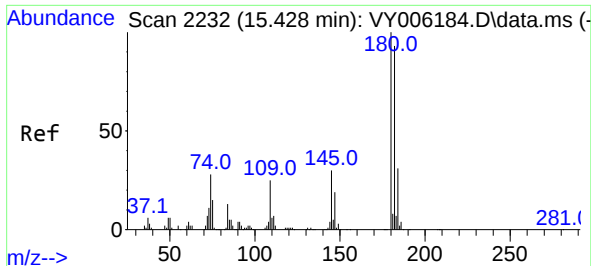


#95
Naphthalene
Concen: 9.765 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006193.D
Acq: 28 Sep 2021 17:09



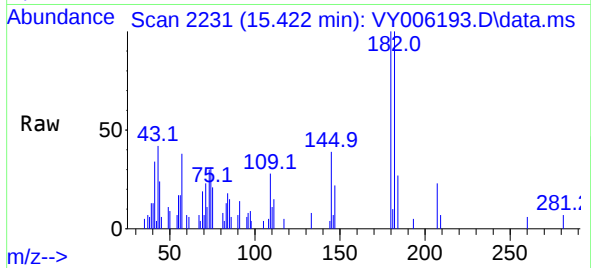
Tgt Ion:128 Resp: 32630
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 10.5 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.537 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: VY006193.D
 Acq: 28 Sep 2021 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0922-XYL-2



Tgt Ion:	180	Resp:	2291
Ion	Ratio	Lower	Upper
180	100		
182	101.3	47.3	141.9
145	41.6	15.3	45.9

Manual Integrations
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