

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004804.D
 Acq On : 17 May 2021 14:55
 Operator : SY/MD
 Sample : M2420-06
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PLAYGROUND-CP-1

Manual Integrations
 APPROVED

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 5/19/2021 3:57:36 PM

Quant Time: May 18 01:05:08 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	7.801	168	174310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	334720	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	114634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119316	57.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	115.02%		
35) Dibromofluoromethane	7.728	113	97299	56.15	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	112.30%		
50) Toluene-d8	10.185	98	388418	49.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.24%		
62) 4-Bromofluorobenzene	12.483	95	123995	46.93	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.86%		
Target Compounds					Qvalue	
16) Acetone	3.960	43	48618	104.32	ug/l	96
25) 2-Butanone	7.002	43	17179	20.75	ug/l	100
40) Benzene	8.167	78	204769	22.33	ug/l	99
52) Toluene	10.246	92	1014186	175.16	ug/l	100
65) Chlorobenzene	11.514	112	22442950m	3258.12	ug/l	
67) Ethyl Benzene	11.599	91	24822	1.94	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	8359	1.16	ug/l	96
86) p-Isopropyltoluene	13.373	119	9439m	1.22	ug/l	
88) 1,4-Dichlorobenzene	13.446	146	224933	59.60	ug/l	99

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

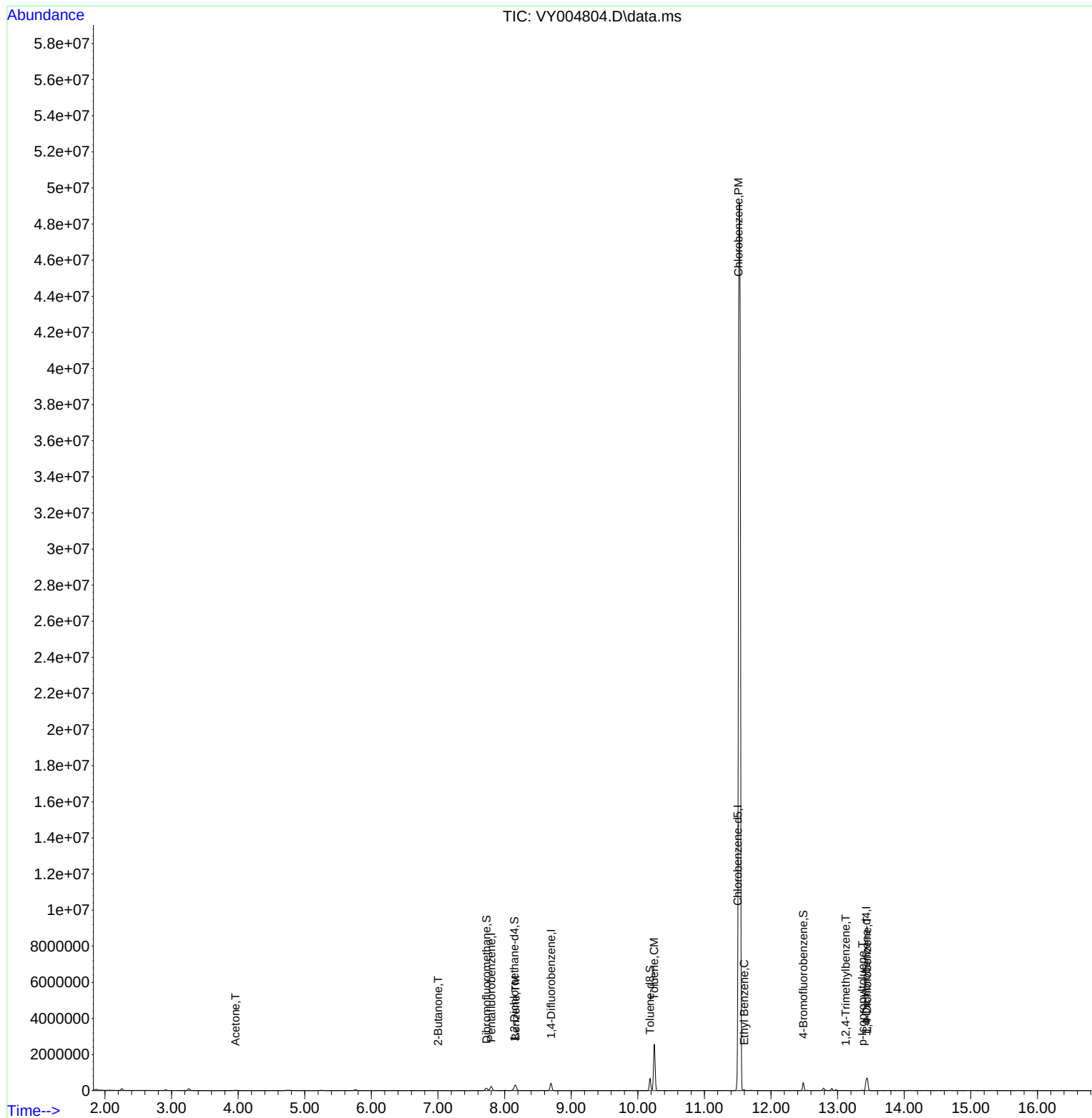
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
Data File : VY004804.D
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ALS Vial : 13 Sample Multiplier: 1

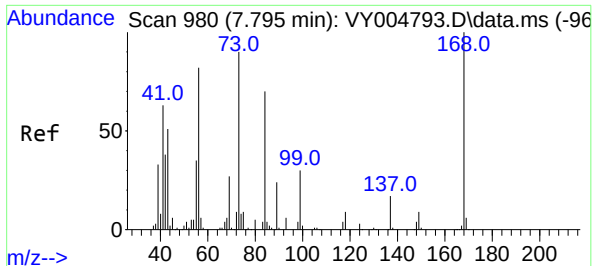
Instrument :
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Quant Time: May 18 01:05:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
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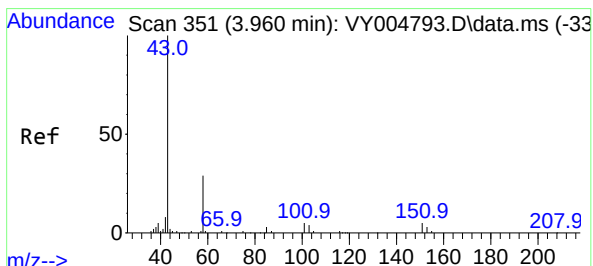
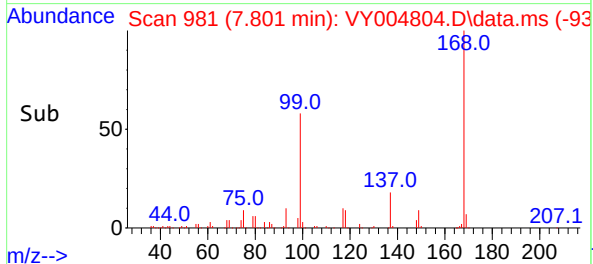
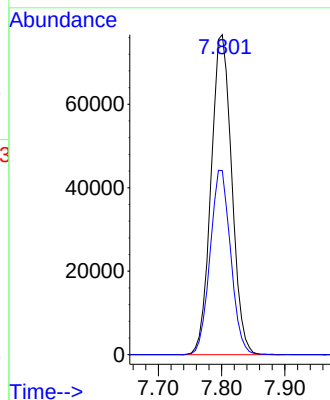
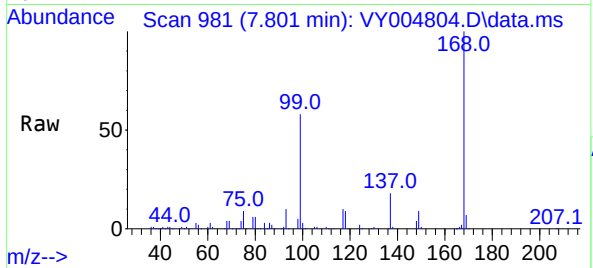
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

Tgt Ion:168 Resp: 174310
Ion Ratio Lower Upper
168 100
99 57.6 45.6 68.4

Instrument :
MSVOA_Y
ClientSampleId :
PLAYGROUND-CP-1

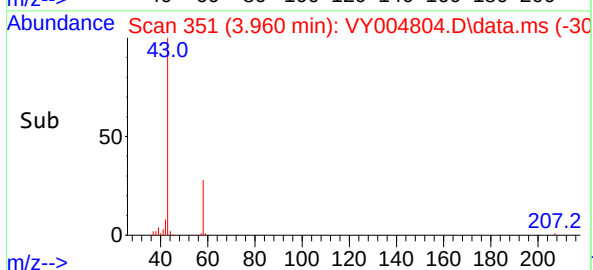
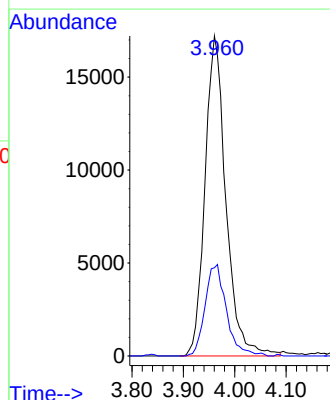
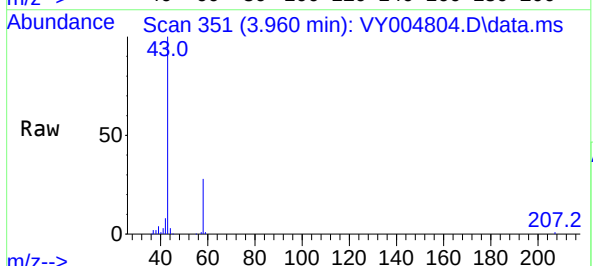
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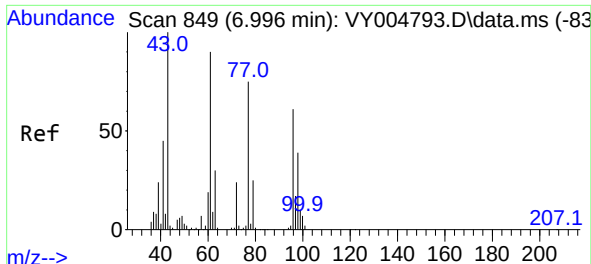
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#16
Acetone
Concen: 104.32 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

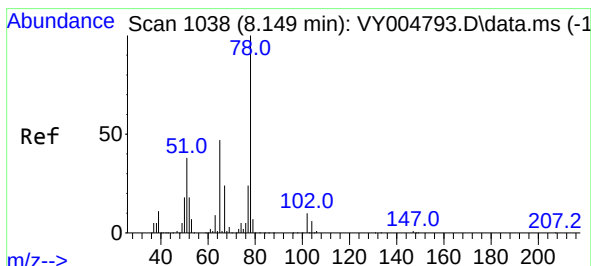
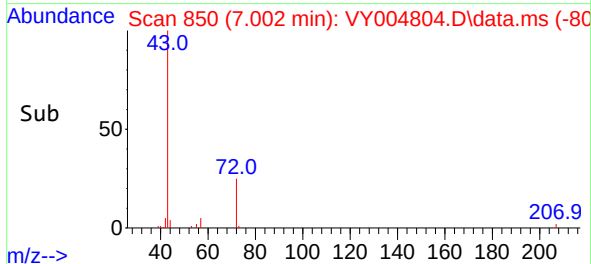
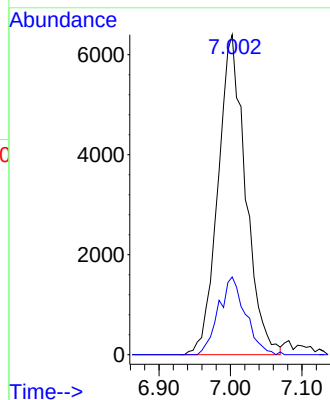
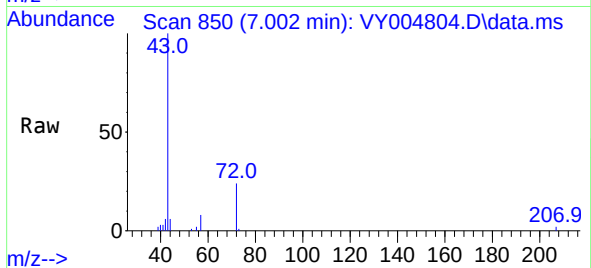
Tgt Ion: 43 Resp: 48618
Ion Ratio Lower Upper
43 100
58 27.6 23.6 35.4





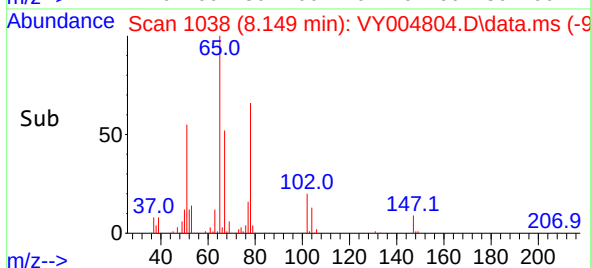
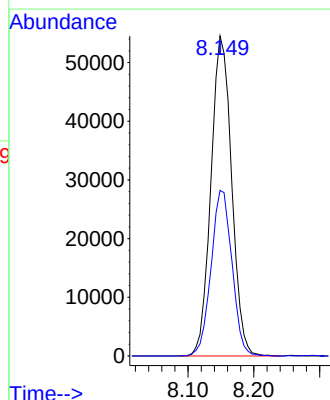
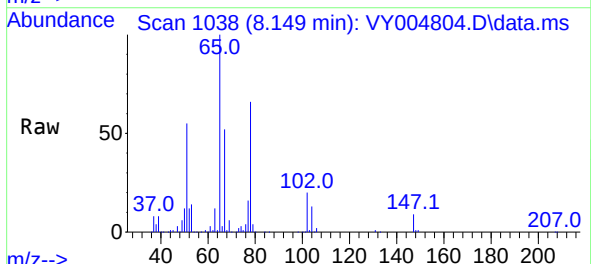
#25
2-Butanone
Concen: 20.75 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

Tgt Ion: 43 Resp: 17179
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.0



#33
1,2-Dichloroethane-d4
Concen: 57.51 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

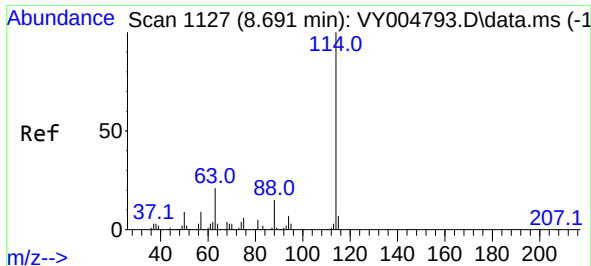
Tgt Ion: 65 Resp: 119316
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.0



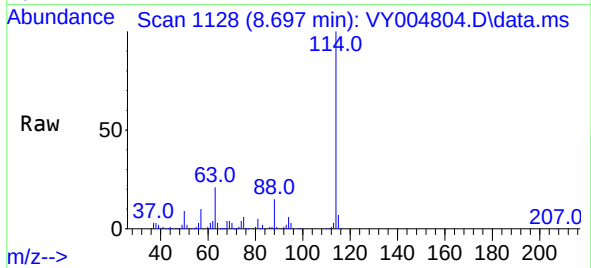
Instrument :
MSVOA_Y
ClientSampleId :
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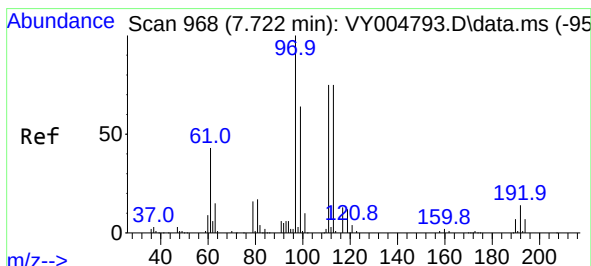
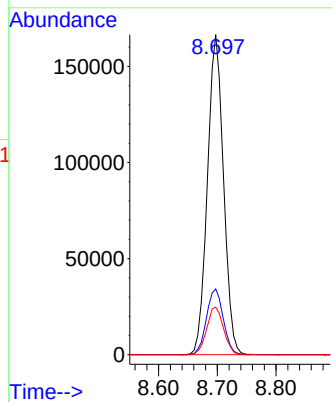
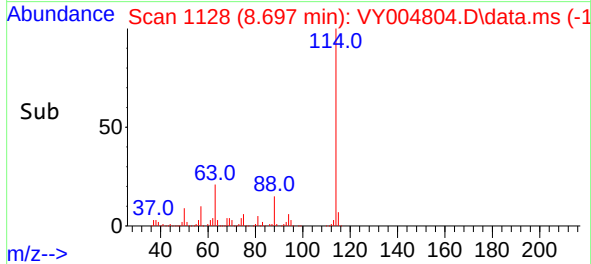
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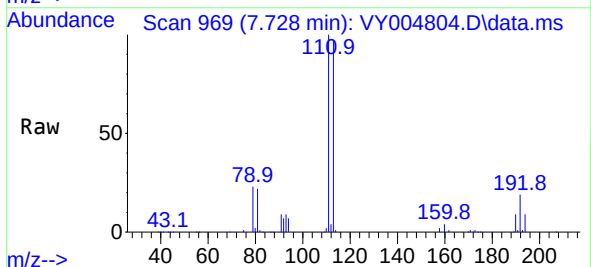
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55



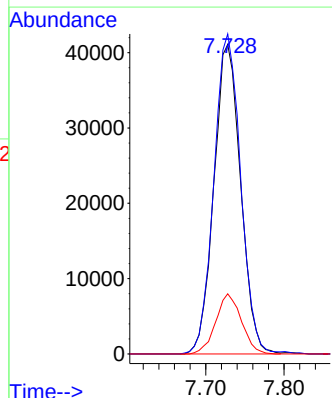
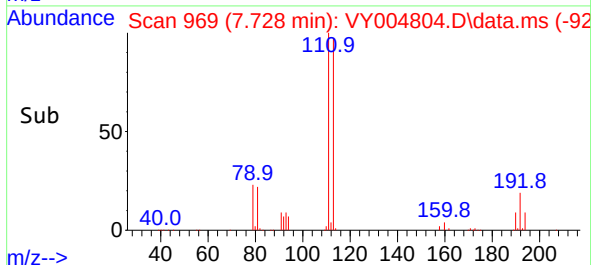
Tgt Ion:114 Resp: 316536
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 14.9 0.0 31.0



#35
Dibromofluoromethane
Concen: 56.15 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55



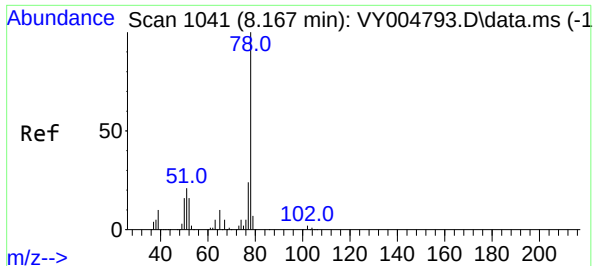
Tgt Ion:113 Resp: 97299
Ion Ratio Lower Upper
113 100
111 103.7 80.5 120.7
192 18.7 15.0 22.6



Instrument :
MSVOA_Y
ClientSampleId :
PLAYGROUND-CP-1

Manual Integrations
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5/19/2021 3:57:36 PM



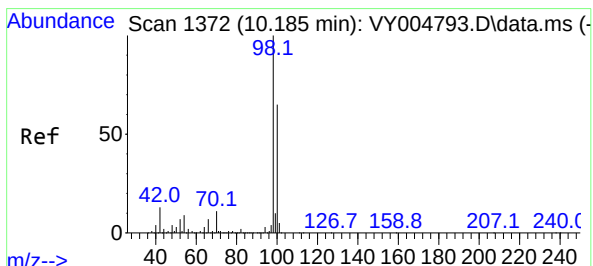
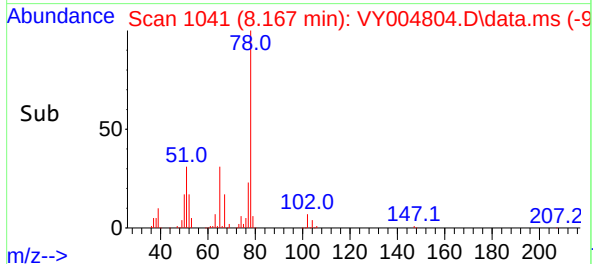
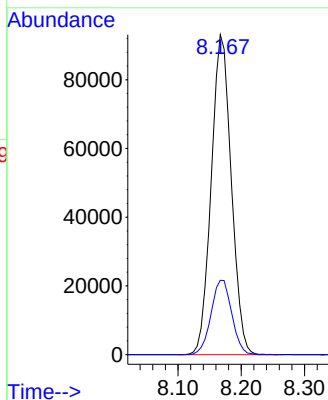
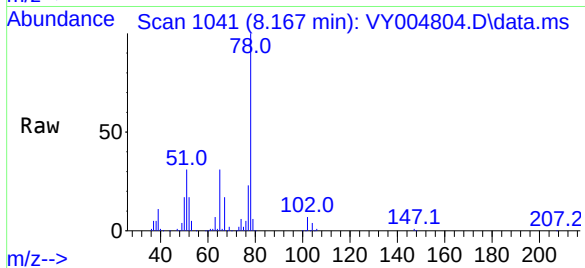
#40
Benzene
Concen: 22.33 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004804.D
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Tgt Ion: 78 Resp: 204769
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6

Instrument :
MSVOA_Y
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PLAYGROUND-CP-1

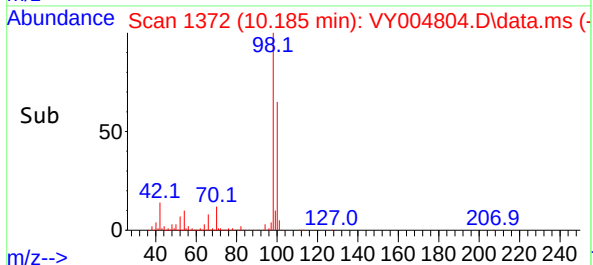
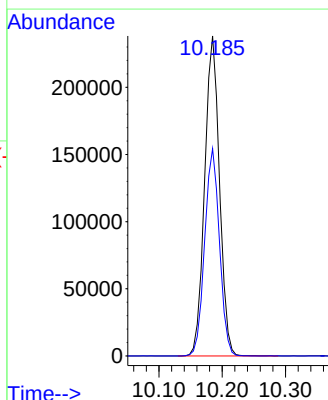
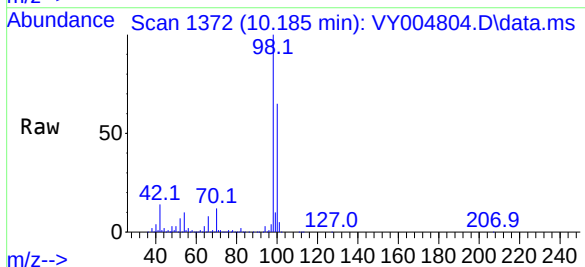
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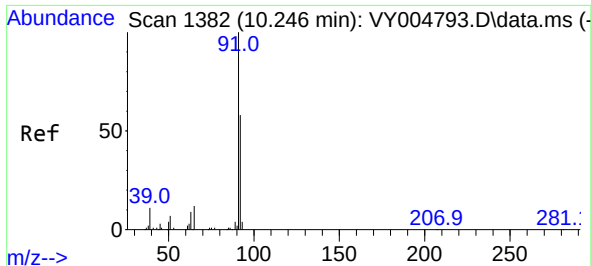
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#50
Toluene-d8
Concen: 49.62 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

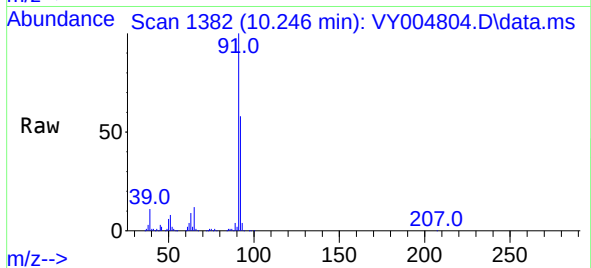
Tgt Ion: 98 Resp: 388418
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



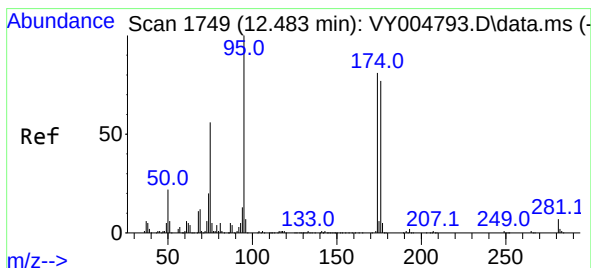
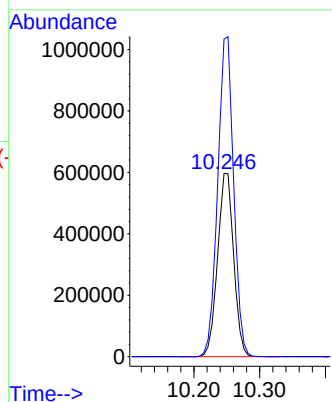
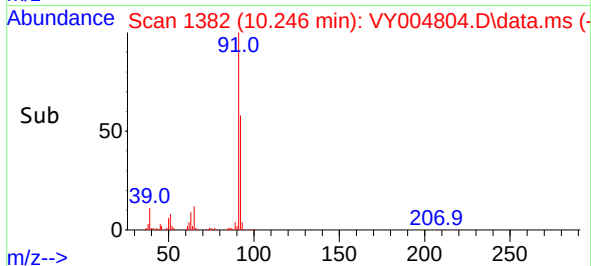


#52
Toluene
Concen: 175.16 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

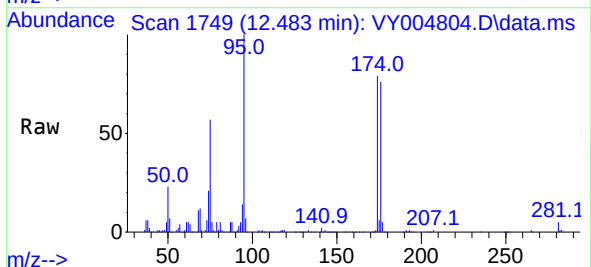
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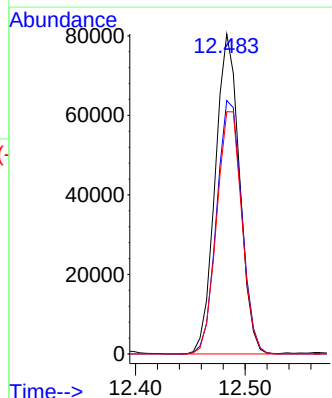
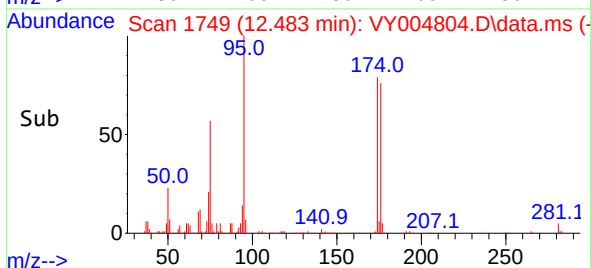
Tgt Ion: 92 Resp: 1014186
Ion Ratio Lower Upper
92 100
91 173.1 138.2 207.4

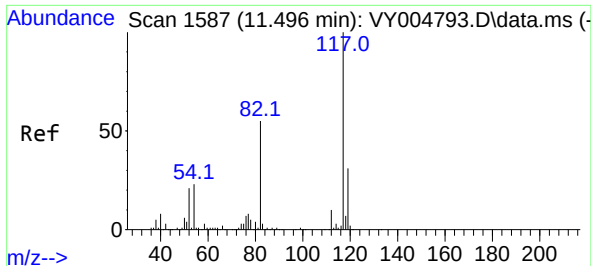


#62
4-Bromofluorobenzene
Concen: 46.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

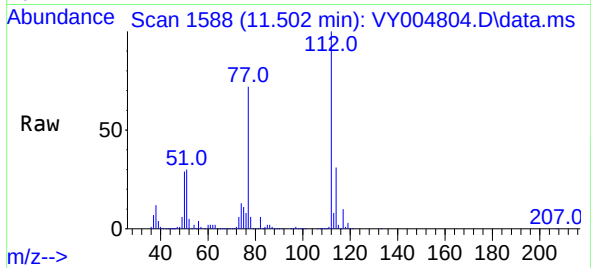


Tgt Ion: 95 Resp: 123995
Ion Ratio Lower Upper
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174 81.8 0.0 164.2
176 78.7 0.0 159.0

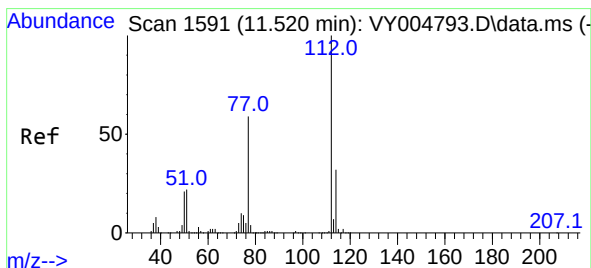
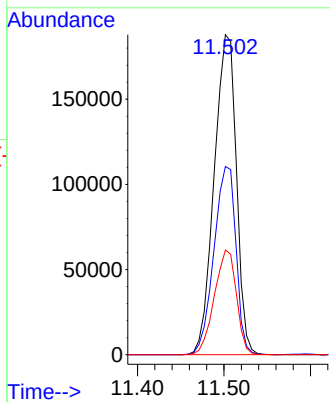
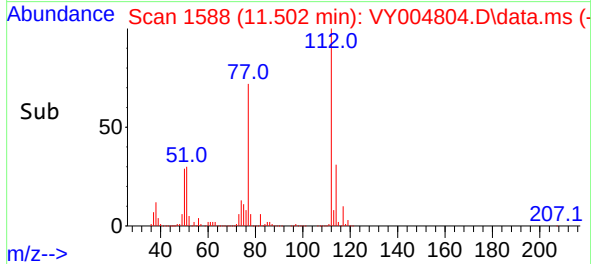




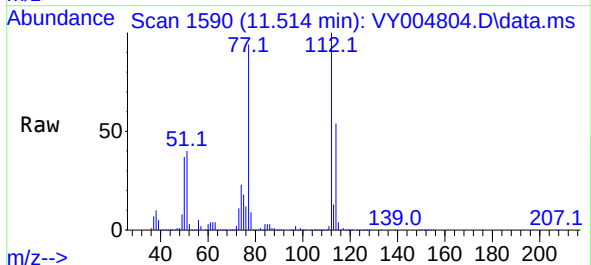
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Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55



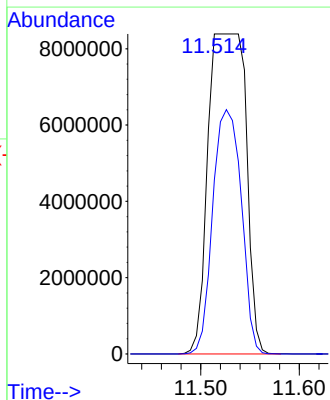
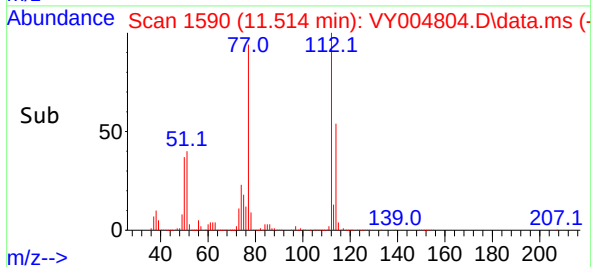
Tgt Ion:117 Resp: 334720
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.2
119 32.7 25.8 38.6



#65
Chlorobenzene
Concen: 3258.12 ug/l m
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55



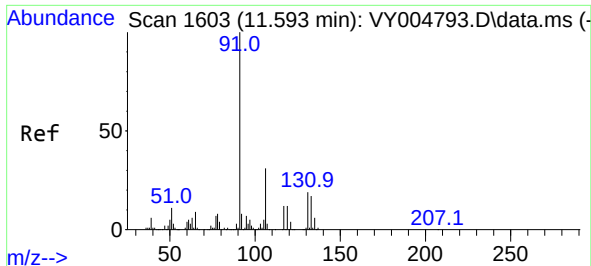
Tgt Ion:112 Resp:22442950
Ion Ratio Lower Upper
112 100
114 54.4 25.4 38.2#



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5/19/2021 3:57:36 PM



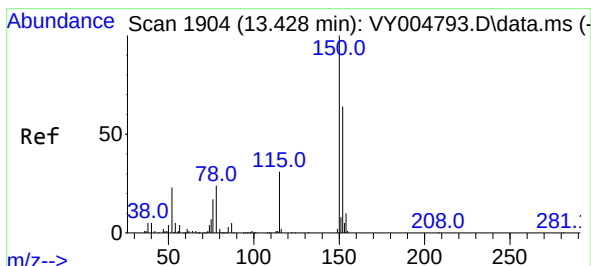
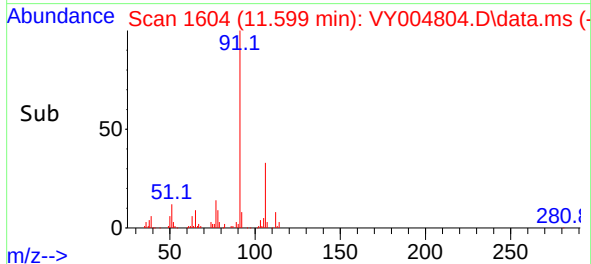
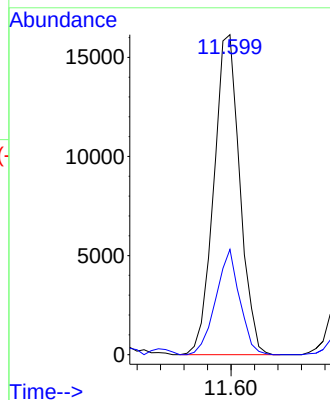
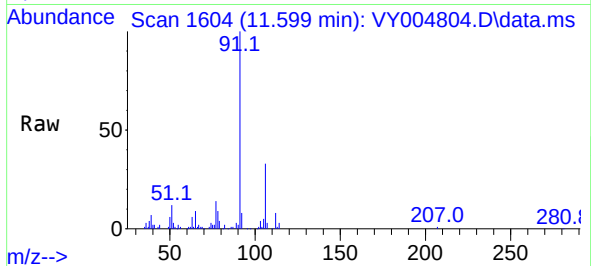
#67
Ethyl Benzene
Concen: 1.94 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

Tgt Ion: 91 Resp: 24822
Ion Ratio Lower Upper
91 100
106 32.9 24.0 36.0

Instrument :
MSVOA_Y
ClientSampleId :
PLAYGROUND-CP-1

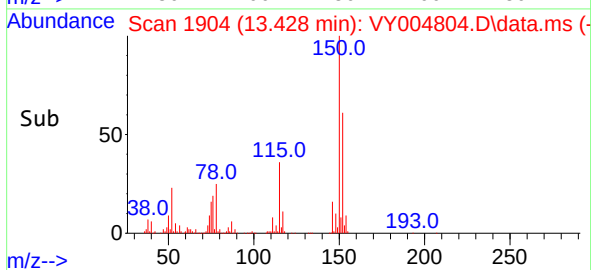
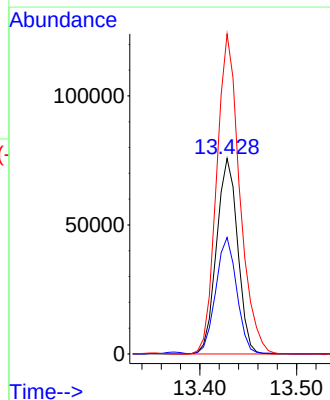
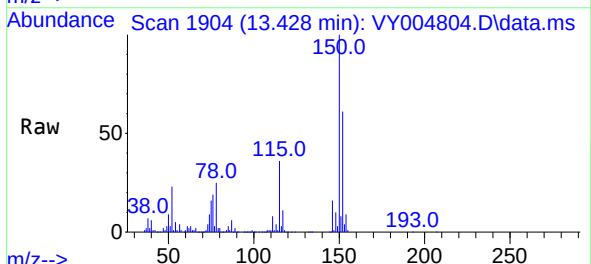
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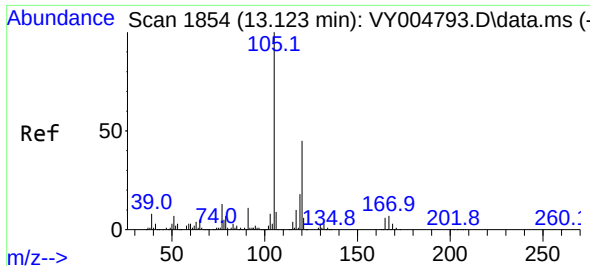
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5/19/2021 3:57:36 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

Tgt Ion:152 Resp: 114634
Ion Ratio Lower Upper
152 100
115 59.5 29.4 88.3
150 178.9 0.0 349.8





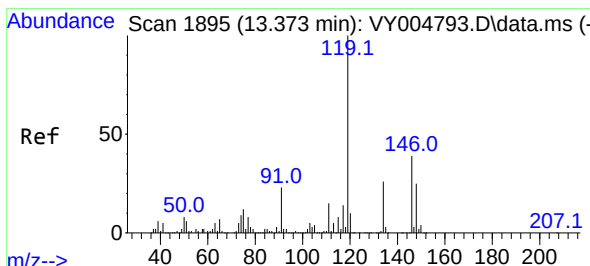
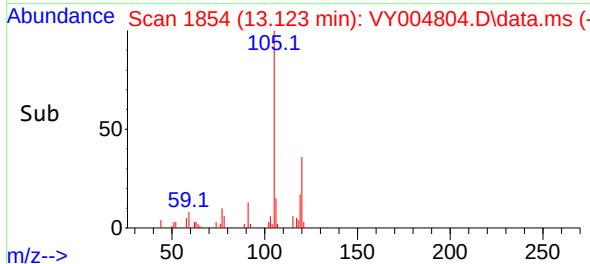
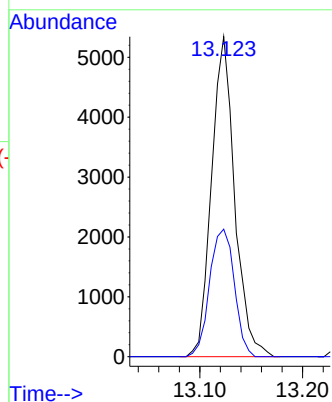
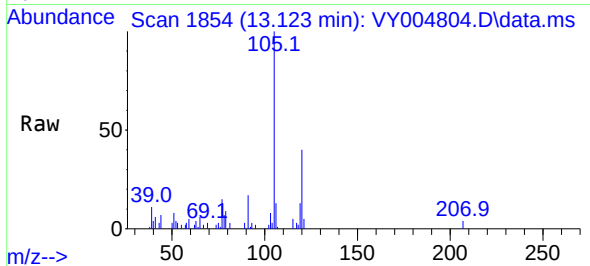
#84
1,2,4-Trimethylbenzene
Concen: 1.16 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

Tgt Ion:105 Resp: 8359
Ion Ratio Lower Upper
105 100
120 42.5 22.5 67.5

Instrument :
MSVOA_Y
ClientSampleId :
PLAYGROUND-CP-1

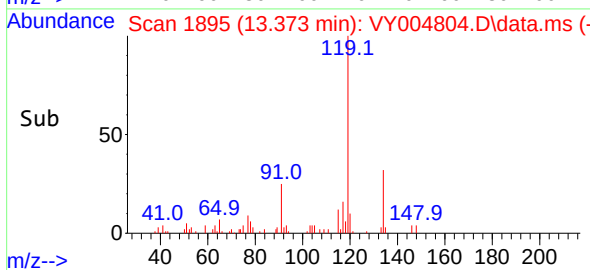
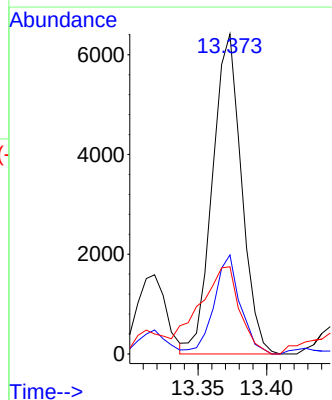
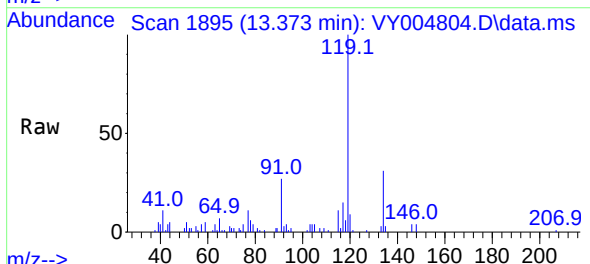
Manual Integrations
APPROVED

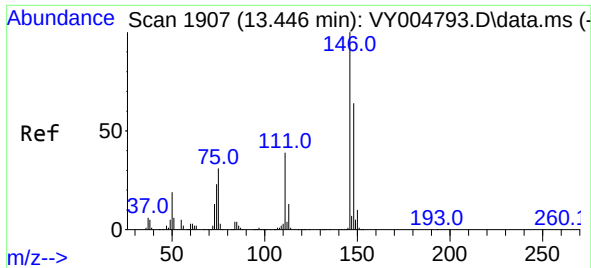
MMDadoda
5/19/2021 3:57:36 PM



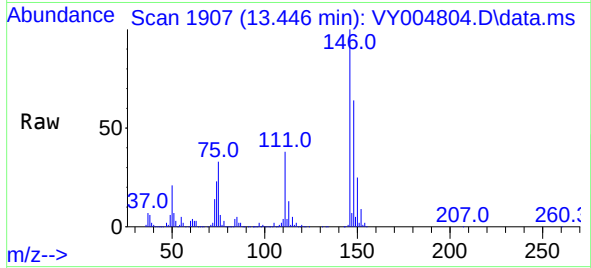
#86
p-Isopropyltoluene
Concen: 1.22 ug/l m
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004804.D
Acq: 17 May 2021 14:55

Tgt Ion:119 Resp: 9439
Ion Ratio Lower Upper
119 100
134 7.0 12.9 38.7#
91 7.8 12.0 36.1#

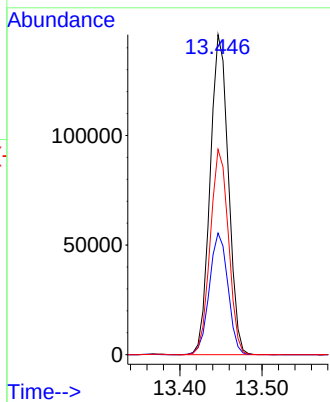
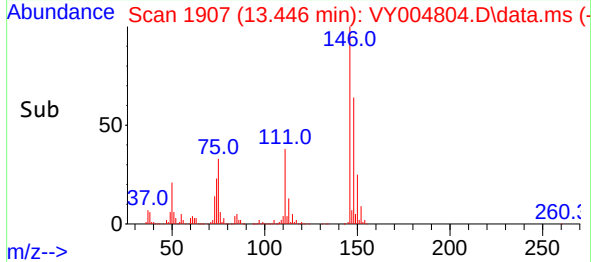




#88
 1,4-Dichlorobenzene
 Concen: 59.60 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY004804.D
 Acq: 17 May 2021 14:55



Tgt Ion:	146	Resp:	224933
Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	64.2	31.9	95.5



Instrument :
 MSVOA_Y
 ClientSampleId :
 PLAYGROUND-CP-1

Manual Integrations
 APPROVED

MMDadoda
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