

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004332.D
 Acq On : 08 Apr 2021 13:59
 Operator : SY/MD
 Sample : M1971-03
 Misc : 5.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-040721

Manual Integrations
 APPROVED

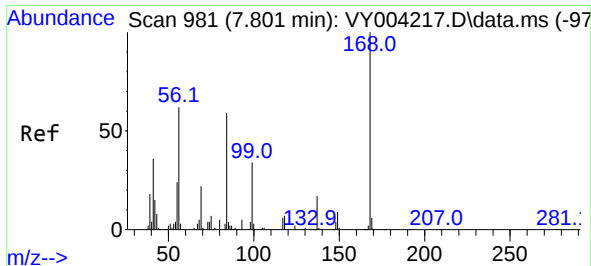
MMDadoda
 4/9/2021 9:59:04 AM

Quant Time: Apr 09 03:16:06 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	171156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	263235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	106693	64.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.70%			
35) Dibromofluoromethane	7.728	113	90294	55.06	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.12%			
50) Toluene-d8	10.185	98	356500	57.80	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.60%			
62) 4-Bromofluorobenzene	12.483	95	115864	54.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.62%			
Target Compounds						
16) Acetone	3.960	43	2560	7.47	ug/l	90
69) o-Xylene	12.032	106	3592	1.05	ug/l	93
80) 1,3,5-Trimethylbenzene	12.813	105	156798	23.53	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	25233	3.78	ug/l	98
85) sec-Butylbenzene	13.258	105	11085m	1.40	ug/l	
86) p-Isopropyltoluene	13.373	119	60802	8.25	ug/l	99

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



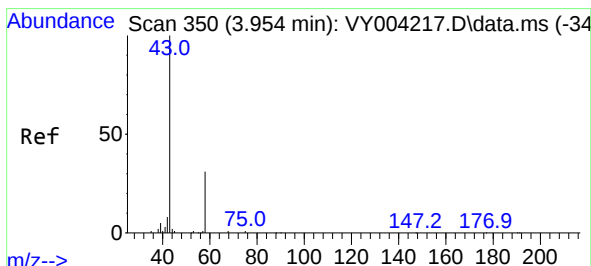
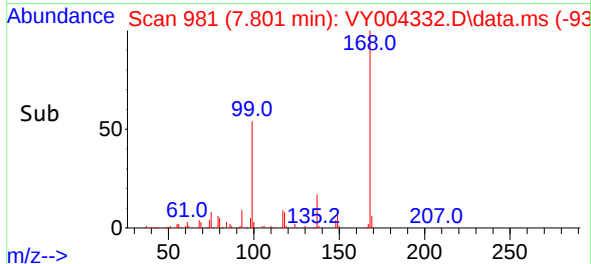
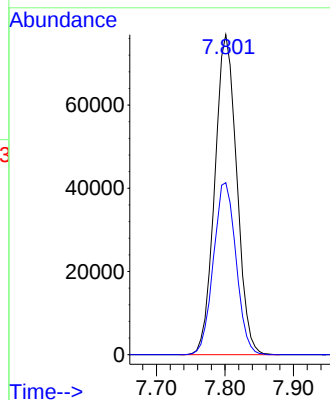
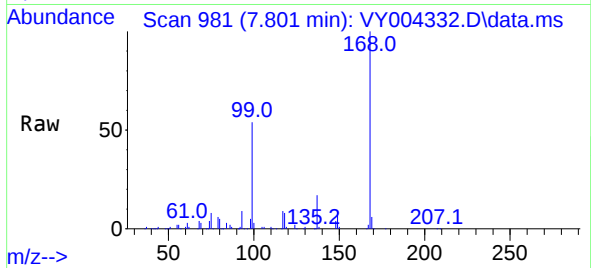
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion: 168 Resp: 171156
Ion Ratio Lower Upper
168 100
99 53.8 42.6 64.0

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-040721

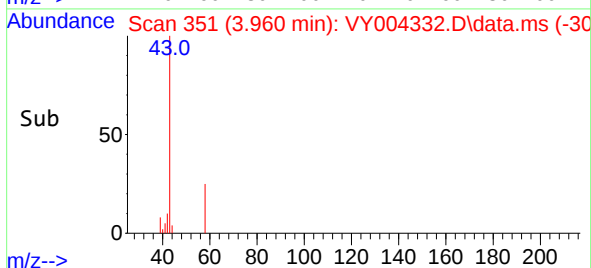
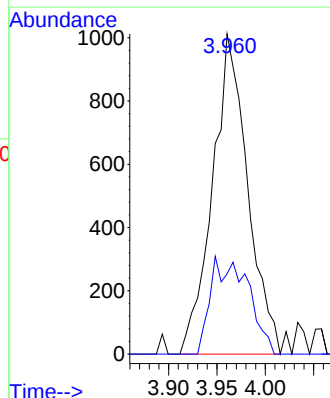
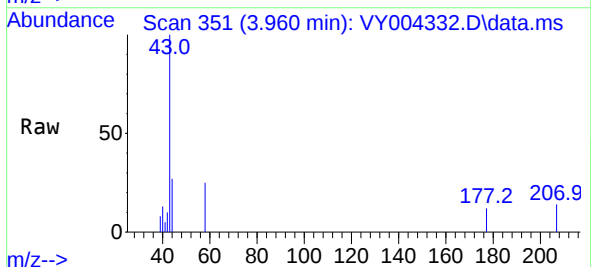
Manual Integrations
APPROVED

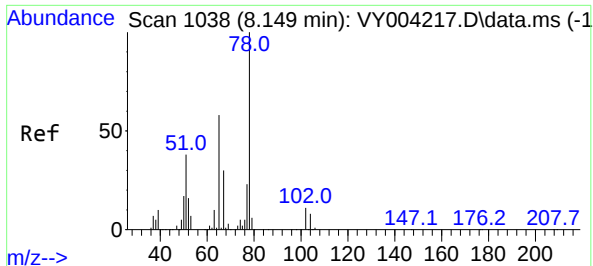
MMDadoda
4/9/2021 9:59:04 AM



#16
Acetone
Concen: 7.47 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion: 43 Resp: 2560
Ion Ratio Lower Upper
43 100
58 25.1 24.5 36.7





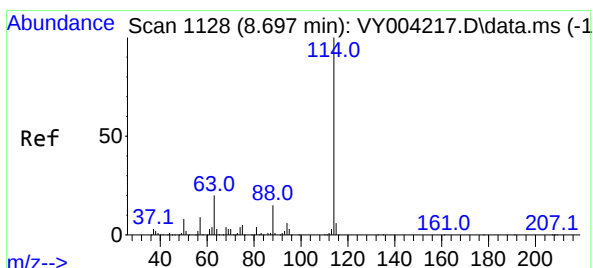
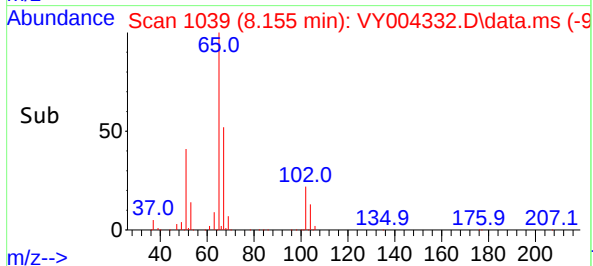
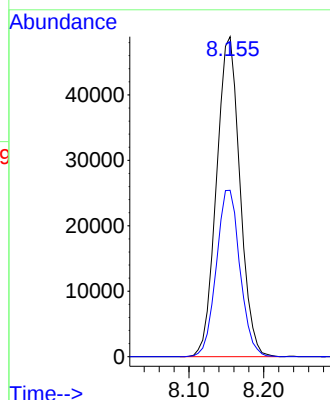
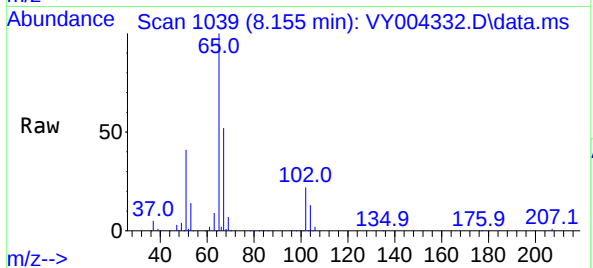
#33
1,2-Dichloroethane-d4
Concen: 64.85 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion: 65 Resp: 106693
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-040721

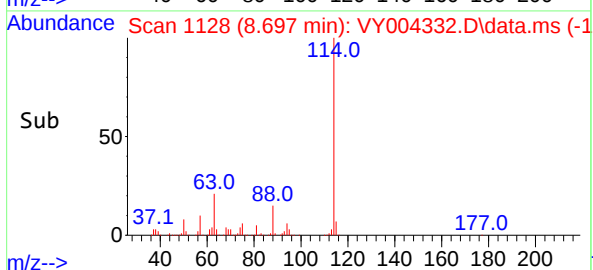
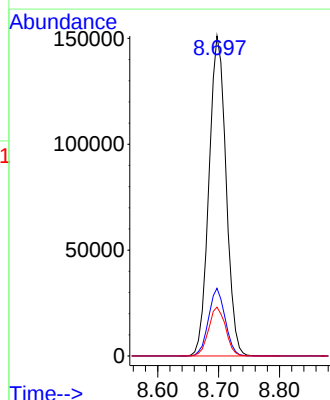
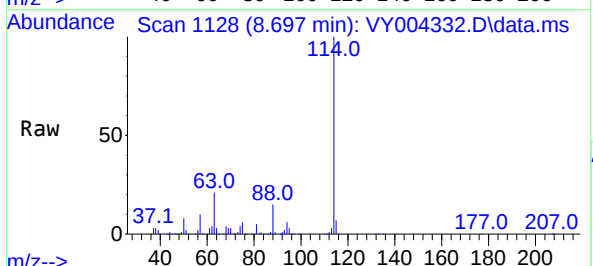
Manual Integrations
APPROVED

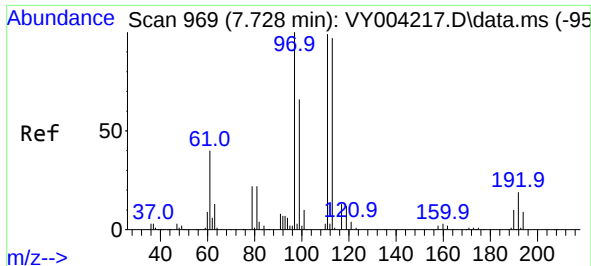
MMDadoda
4/9/2021 9:59:04 AM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion: 114 Resp: 294312
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.4
88 15.3 0.0 30.8





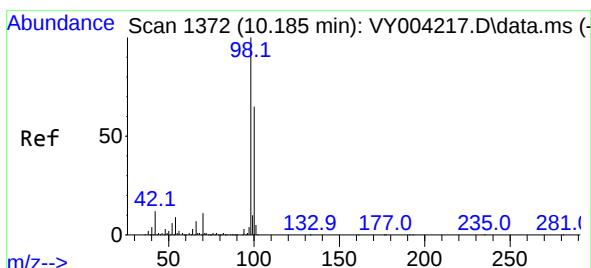
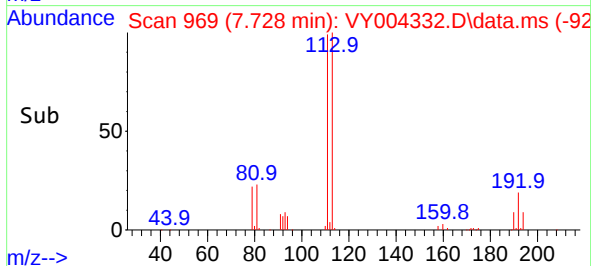
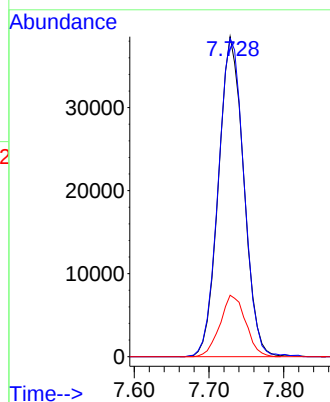
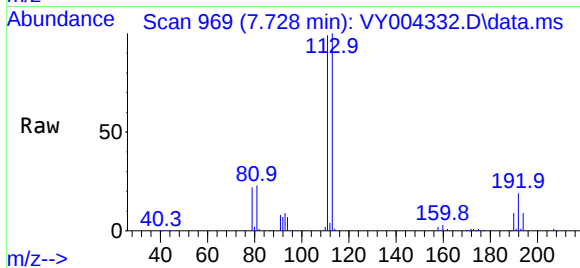
#35
Dibromofluoromethane
Concen: 55.06 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion:	113	Resp:	90294
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	19.6	16.4	24.6

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-040721

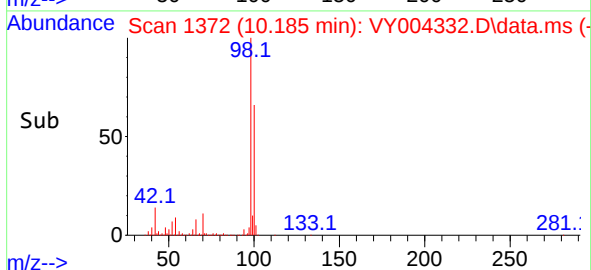
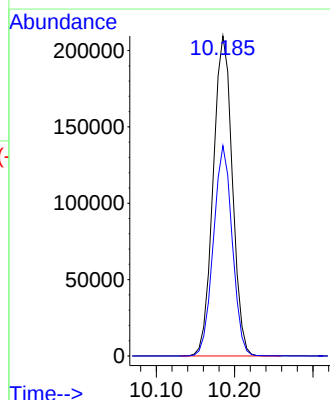
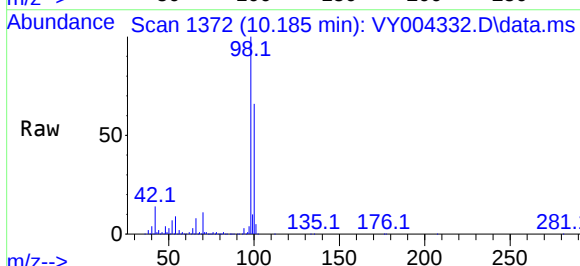
Manual Integrations
APPROVED

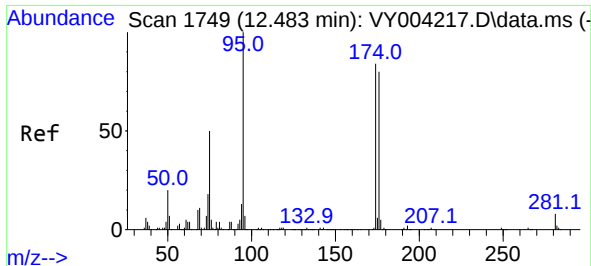
MMDadoda
4/9/2021 9:59:04 AM



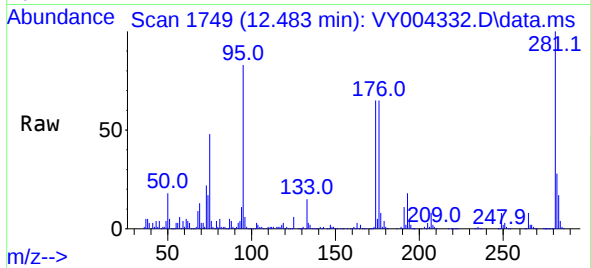
#50
Toluene-d8
Concen: 57.80 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion:	98	Resp:	356500
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.5	78.7

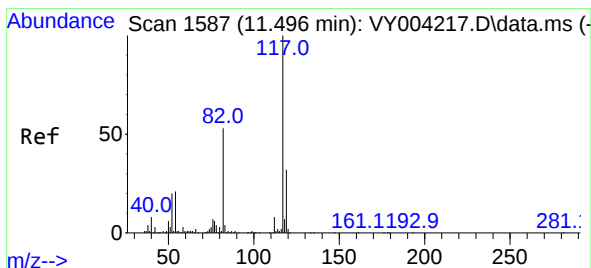
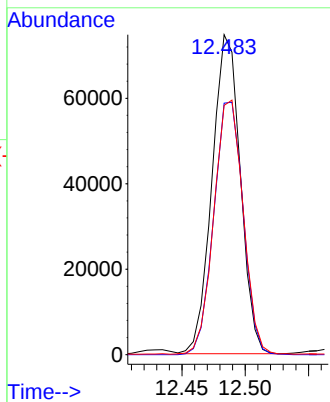
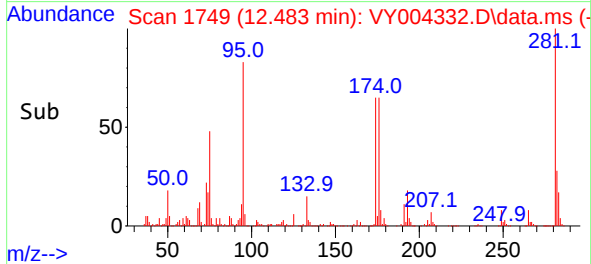




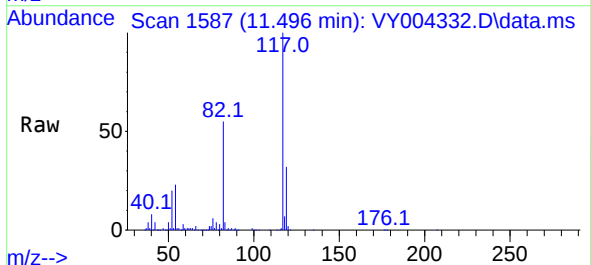
#62
4-Bromofluorobenzene
Concen: 54.81 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59



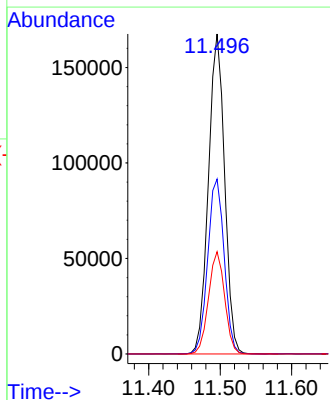
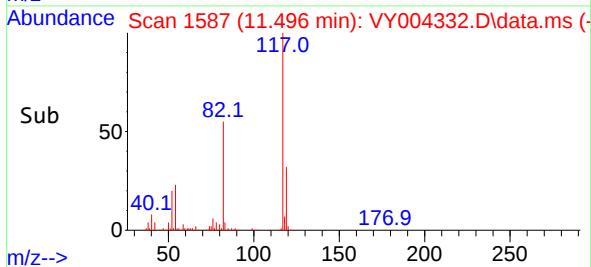
Tgt Ion: 95 Resp: 115864
Ion Ratio Lower Upper
95 100
174 82.2 0.0 171.4
176 82.5 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59



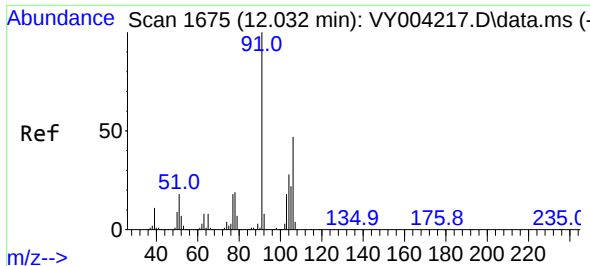
Tgt Ion: 117 Resp: 263235
Ion Ratio Lower Upper
117 100
82 54.6 42.7 64.1
119 31.9 25.7 38.5



Instrument :
MSVOA_Y
ClientSampleId :
HR-03-040721

Manual Integrations
APPROVED

MMDadoda
4/9/2021 9:59:04 AM



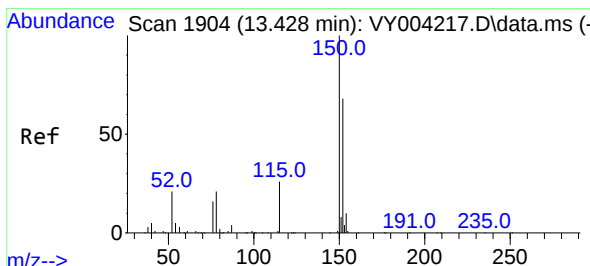
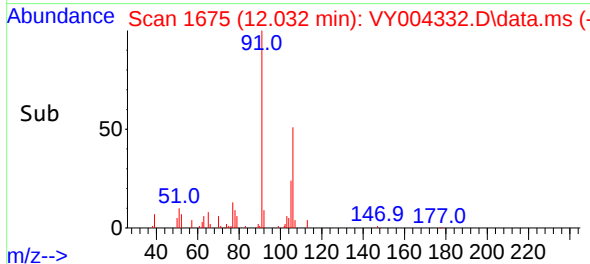
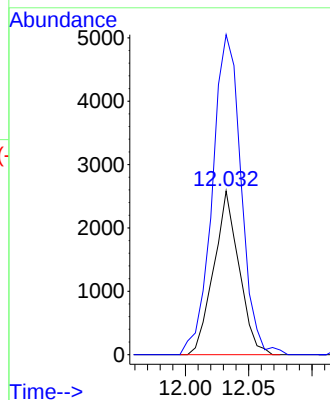
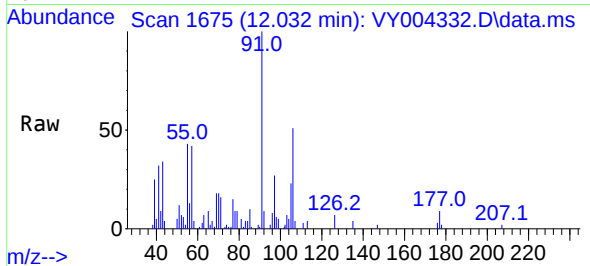
#69
o-Xylene
Concen: 1.05 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion:106 Resp: 3592
Ion Ratio Lower Upper
106 100
91 222.4 105.6 316.8

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-040721

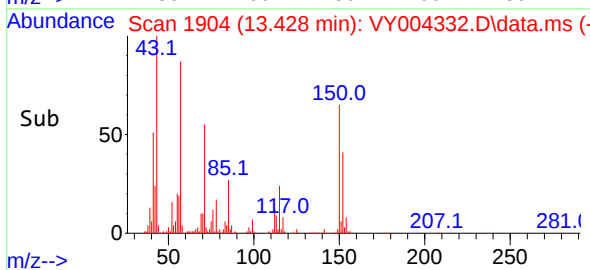
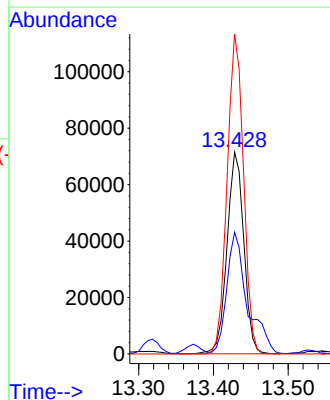
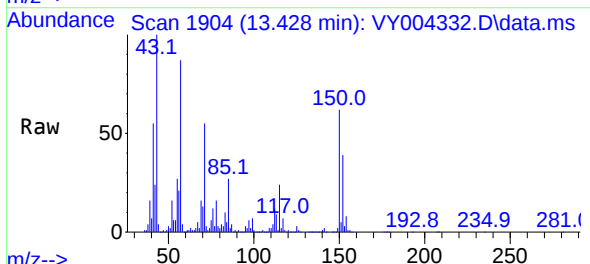
Manual Integrations
APPROVED

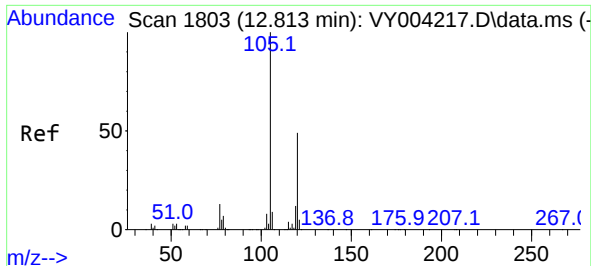
MMDadoda
4/9/2021 9:59:04 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion:152 Resp: 111800
Ion Ratio Lower Upper
152 100
115 73.7 29.0 87.1
150 154.9 0.0 347.4





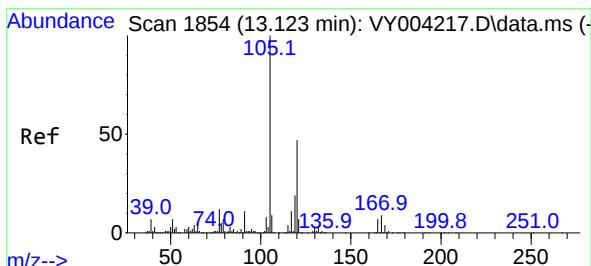
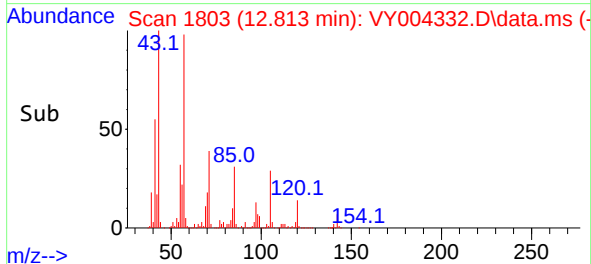
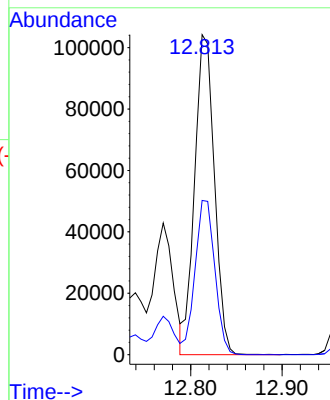
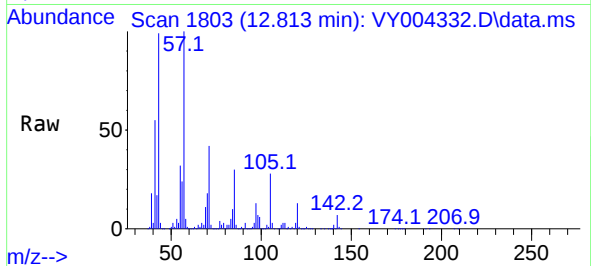
#80
1,3,5-Trimethylbenzene
Concen: 23.53 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion:105 Resp: 156798
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-040721

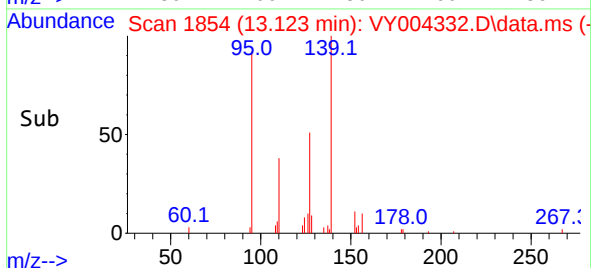
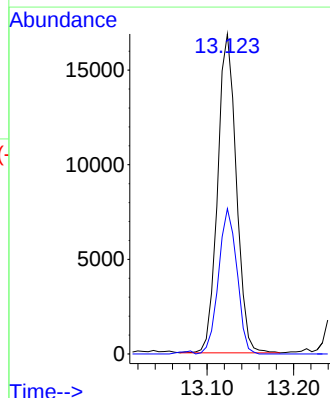
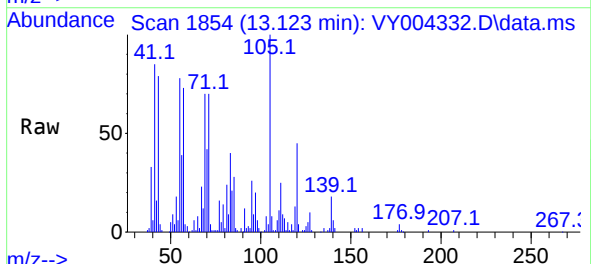
Manual Integrations
APPROVED

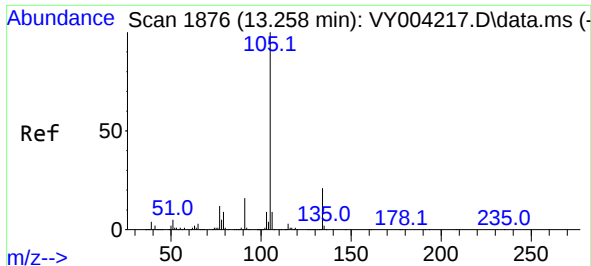
MMDadoda
4/9/2021 9:59:04 AM



#84
1,2,4-Trimethylbenzene
Concen: 3.78 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004332.D
Acq: 08 Apr 2021 13:59

Tgt Ion:105 Resp: 25233
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7





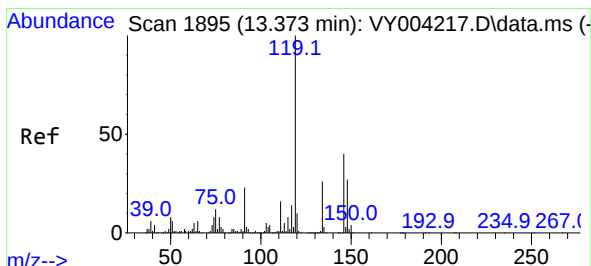
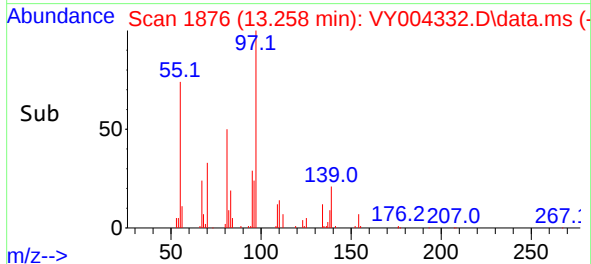
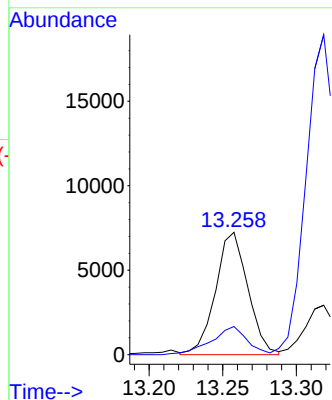
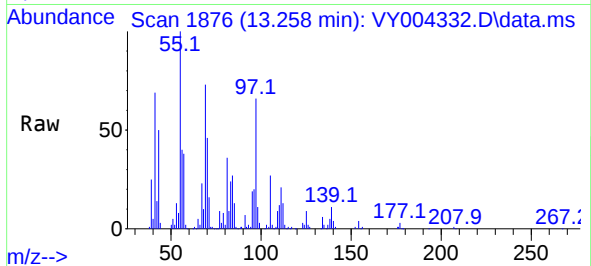
#85
 sec-Butylbenzene
 Concen: 1.40 ug/l m
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004332.D
 Acq: 08 Apr 2021 13:59

Tgt Ion:105 Resp: 11085
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-040721

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 9:59:04 AM



#86
 p-Isopropyltoluene
 Concen: 8.25 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004332.D
 Acq: 08 Apr 2021 13:59

Tgt Ion:119 Resp: 60802
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.7 12.0 36.0

