

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004162.D
 Acq On : 22 Mar 2021 14:31
 Operator : SY/MD
 Sample : M1749-01
 Misc : 5.05g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB-15-11-13

Quant Time: Mar 23 01:10:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

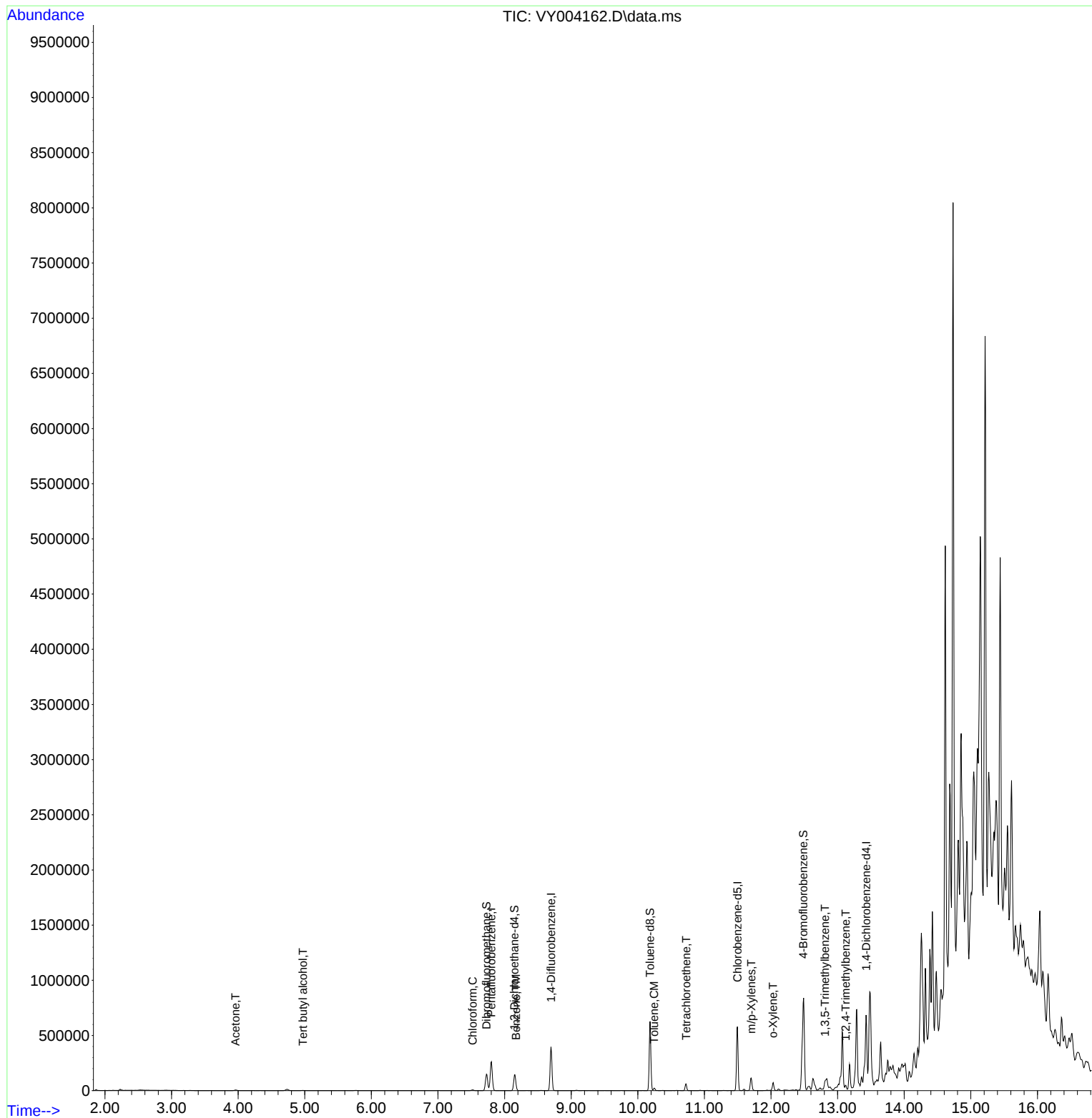
Internal Standards						
1) Pentafluorobenzene	7.801	168	205211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	339320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	318676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110329	54.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.96%			
35) Dibromofluoromethane	7.728	113	103907	54.30	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.60%			
50) Toluene-d8	10.185	98	399992	53.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.64%			
62) 4-Bromofluorobenzene	12.483	95	145825	52.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	4258	23.26	ug/l	100
16) Acetone	3.960	43	10619	21.72	ug/l	91
30) Chloroform	7.521	83	6684	1.84	ug/l	92
40) Benzene	8.173	78	8426	1.00	ug/l	91
52) Toluene	10.246	92	9223	1.70	ug/l	98
64) Tetrachloroethene	10.727	164	12580	4.72	ug/l	94
68) m/p-Xylenes	11.703	106	34662	8.11	ug/l	93
69) o-Xylene	12.032	106	18081	4.47	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	11219	1.24	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	20746	2.30	ug/l	98

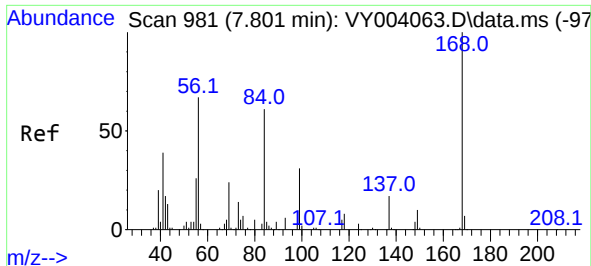
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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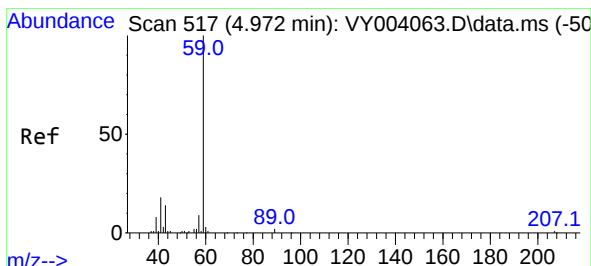
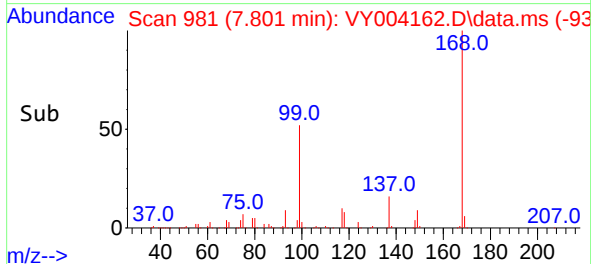
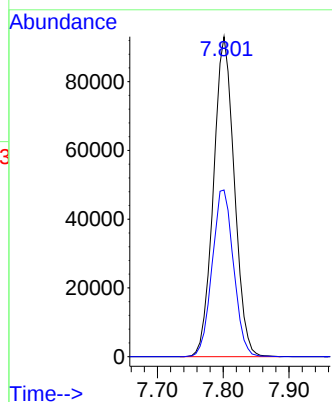
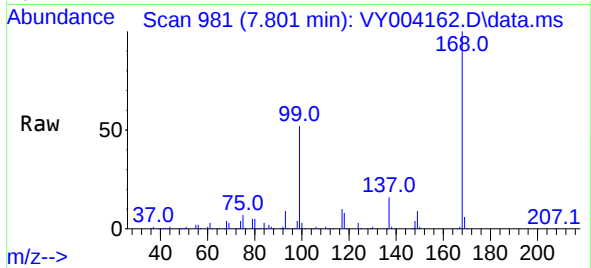




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

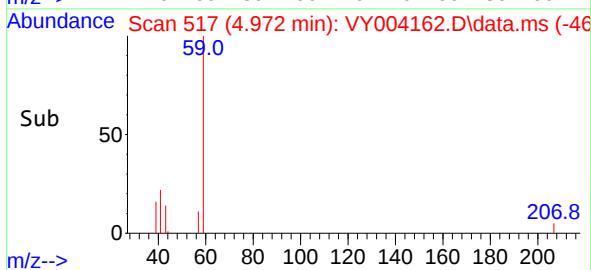
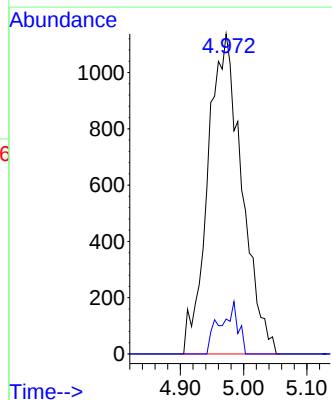
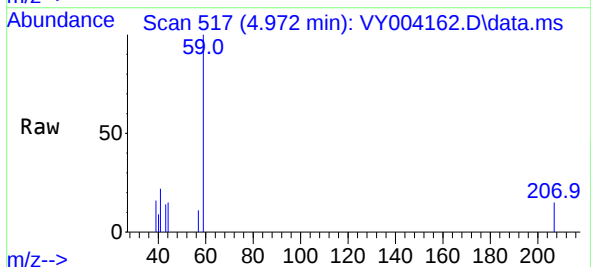
Instrument :
MSVOA_Y
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FS-SB-15-11-13

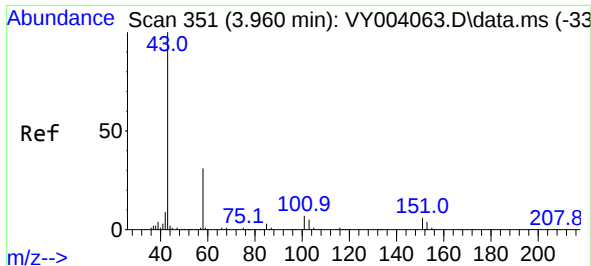
Tgt Ion:168 Resp: 205211
Ion Ratio Lower Upper
168 100
99 52.1 41.2 61.8



#11
Tert butyl alcohol
Concen: 23.26 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

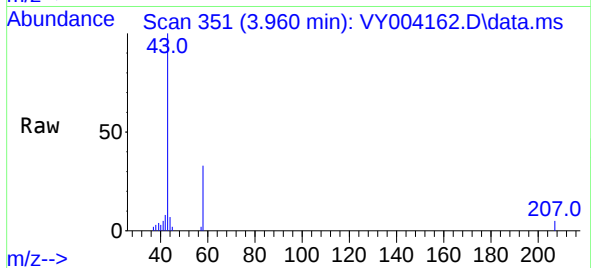
Tgt Ion: 59 Resp: 4258
Ion Ratio Lower Upper
59 100
57 8.6 6.9 10.3



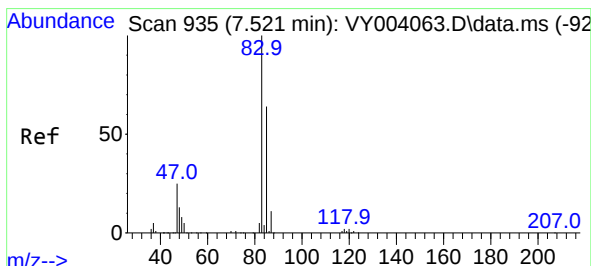
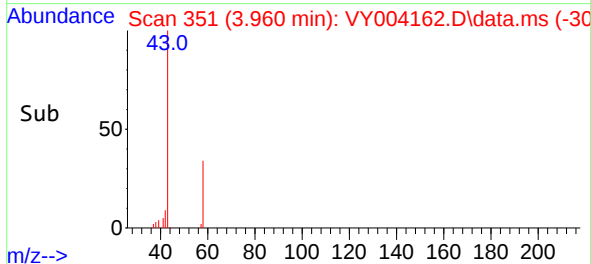
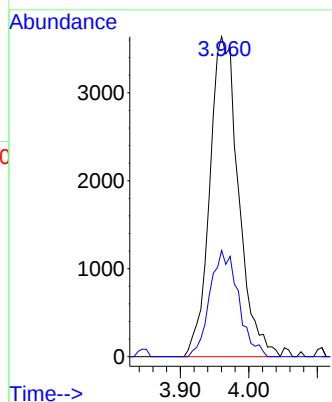


#16
Acetone
Concen: 21.72 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

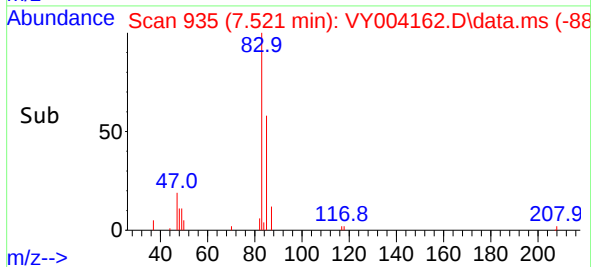
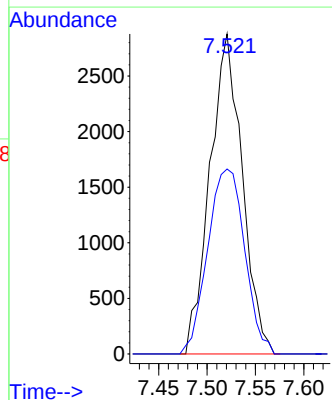
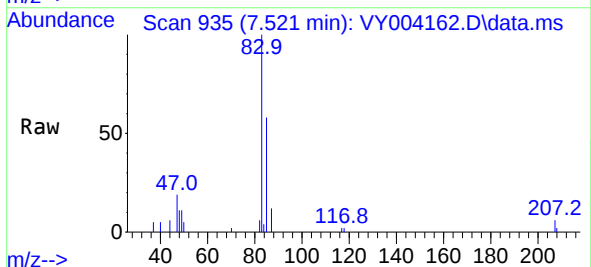


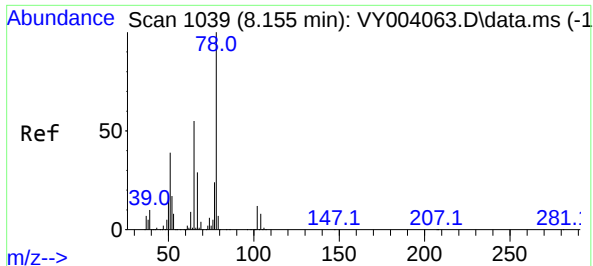
Tgt Ion: 43 Resp: 10619
Ion Ratio Lower Upper
43 100
58 33.2 22.6 34.0



#30
Chloroform
Concen: 1.84 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

Tgt Ion: 83 Resp: 6684
Ion Ratio Lower Upper
83 100
85 57.8 51.0 76.6

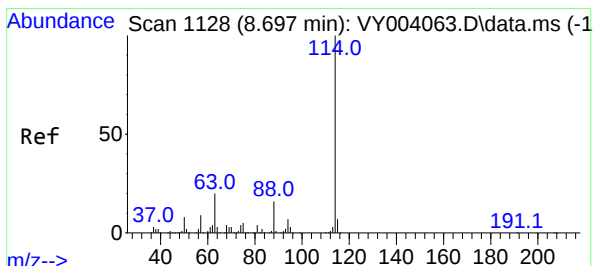
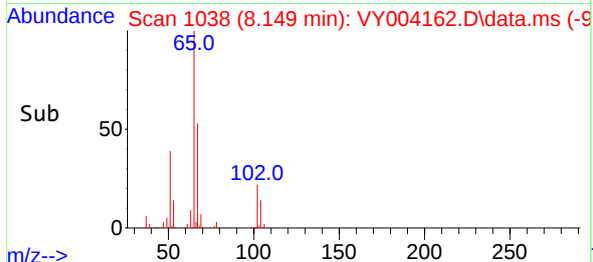
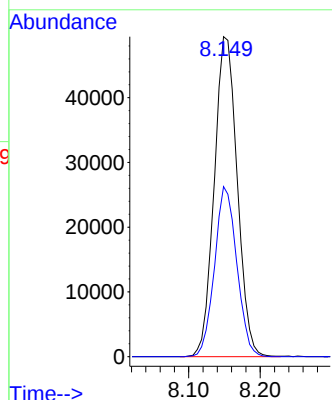
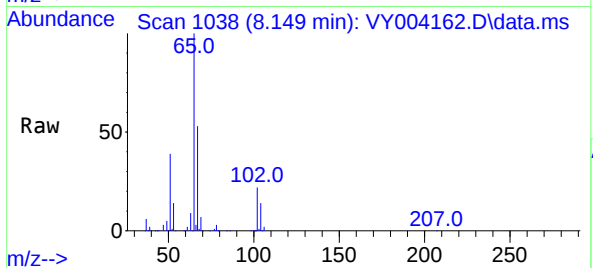




#33
1,2-Dichloroethane-d4
Concen: 54.48 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

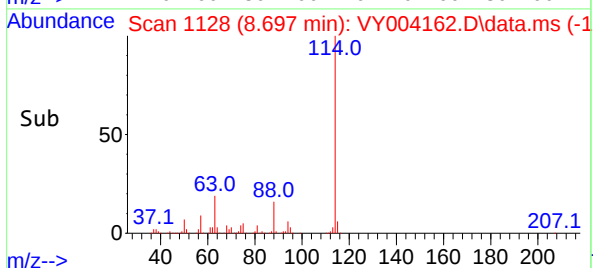
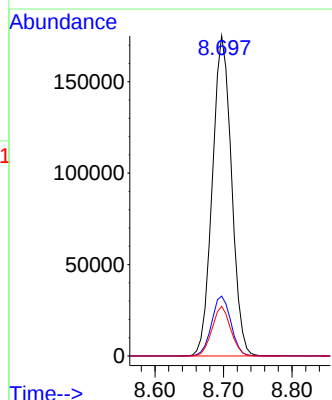
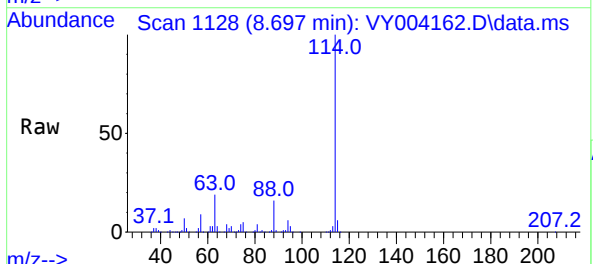
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

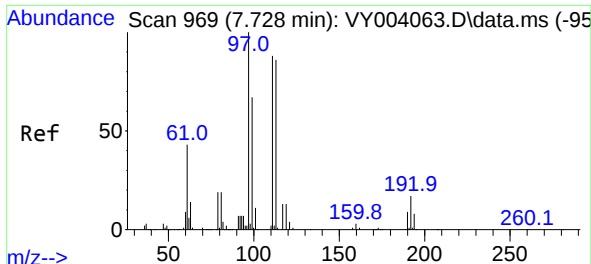
Tgt Ion: 65 Resp: 110329
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

Tgt Ion:114 Resp: 339320
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.6
88 15.5 0.0 31.4

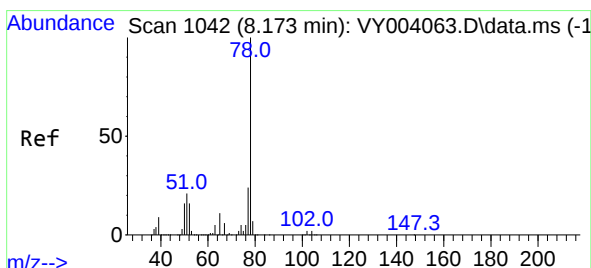
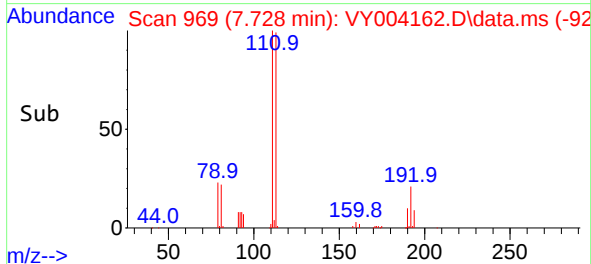
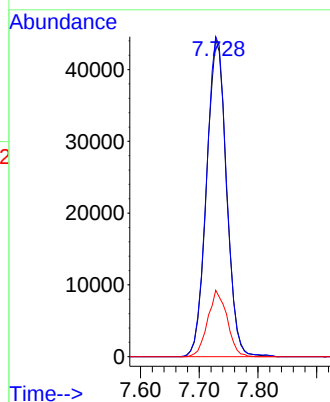
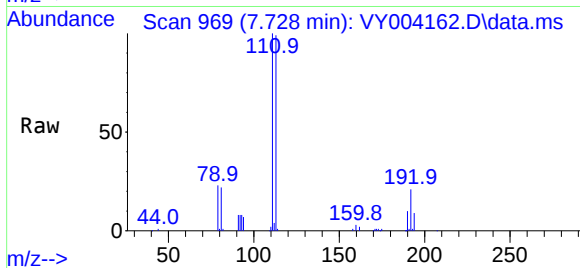




#35
Dibromofluoromethane
Concen: 54.30 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

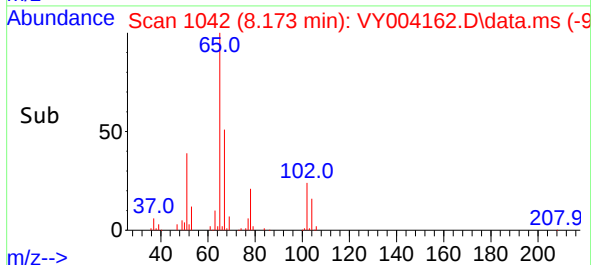
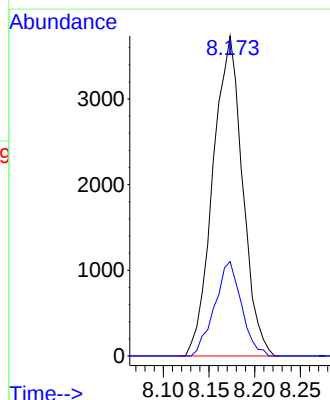
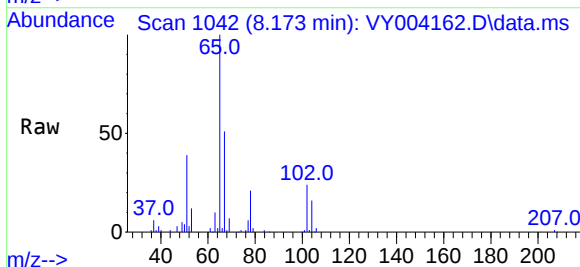
Instrument :
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ClientSampleId :
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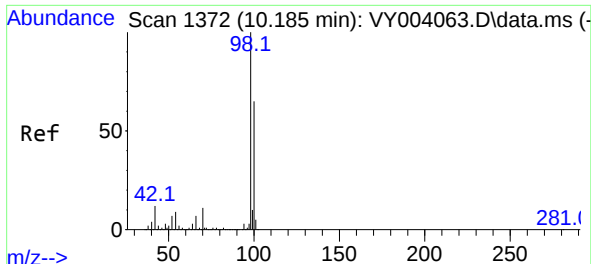
Tgt Ion:113 Resp: 103907
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 20.4 18.5 27.7



#40
Benzene
Concen: 1.00 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

Tgt Ion: 78 Resp: 8426
Ion Ratio Lower Upper
78 100
77 29.5 20.1 30.1

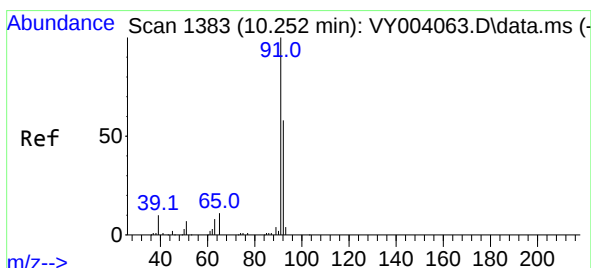
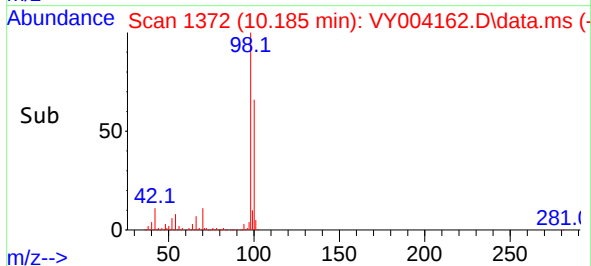
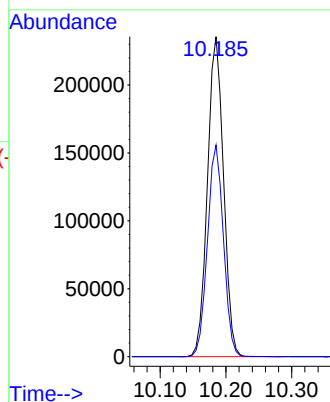
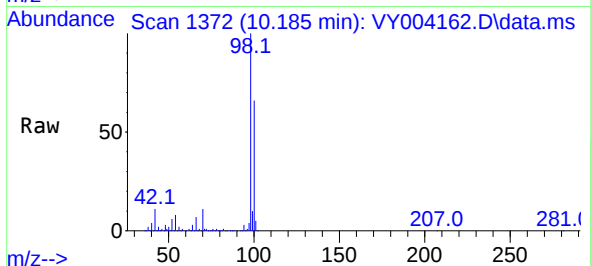




#50
Toluene-d8
Concen: 53.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

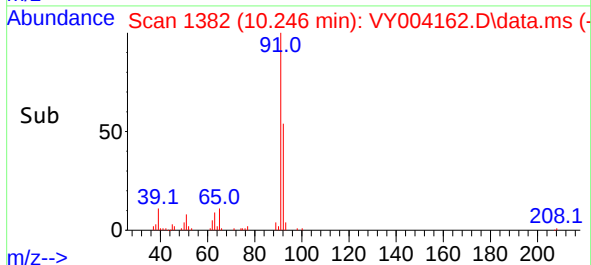
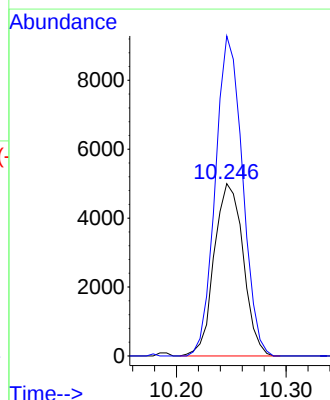
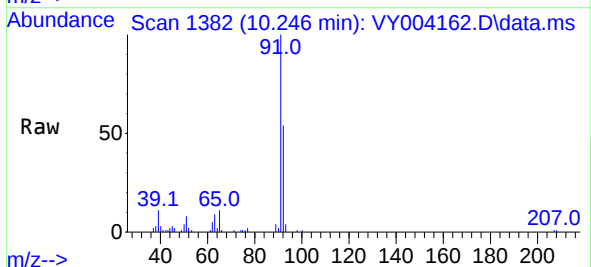
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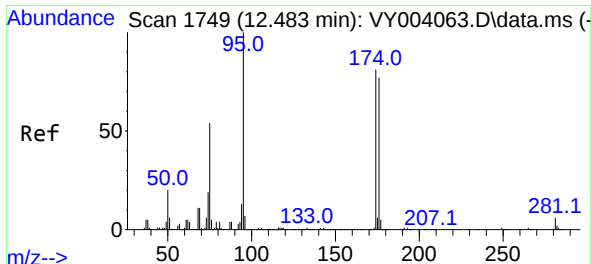
Tgt Ion: 98 Resp: 399992
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6



#52
Toluene
Concen: 1.70 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

Tgt Ion: 92 Resp: 9223
Ion Ratio Lower Upper
92 100
91 173.8 141.0 211.4

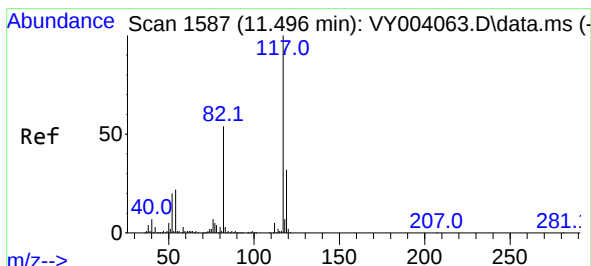
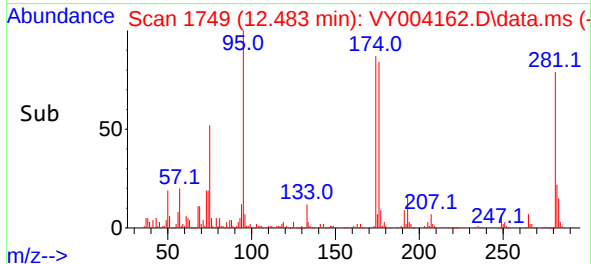
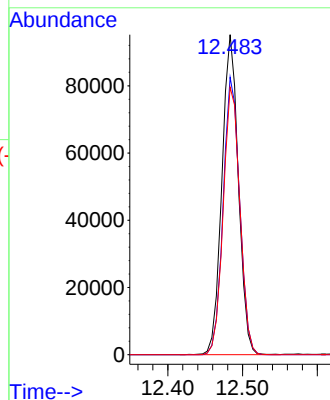
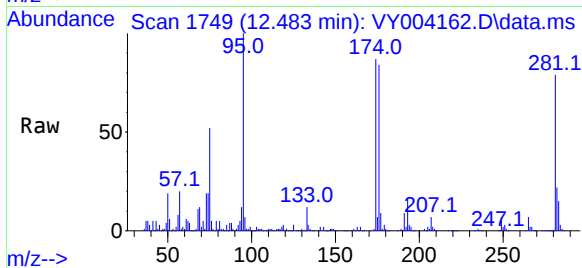




#62
4-Bromofluorobenzene
Concen: 52.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

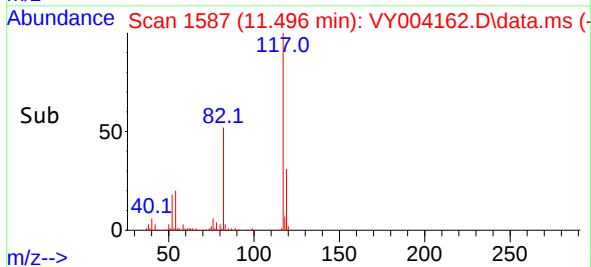
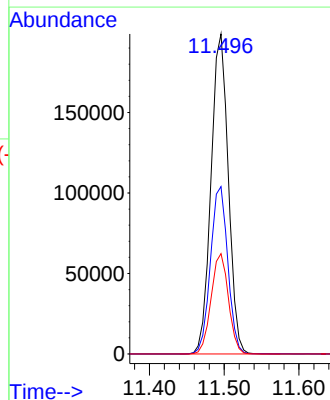
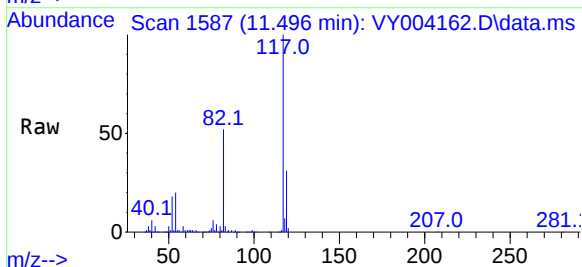
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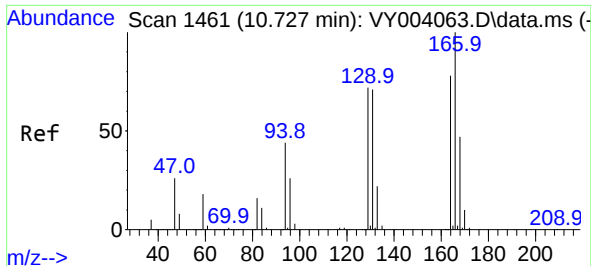
Tgt Ion:	95	Resp:	145825
Ion Ratio	Lower	Upper	
95	100		
174	86.8	0.0	179.0
176	84.8	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

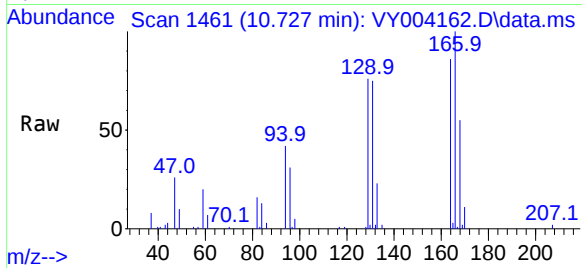
Tgt Ion:	117	Resp:	318676
Ion Ratio	Lower	Upper	
117	100		
82	52.3	43.8	65.6
119	31.4	26.2	39.2



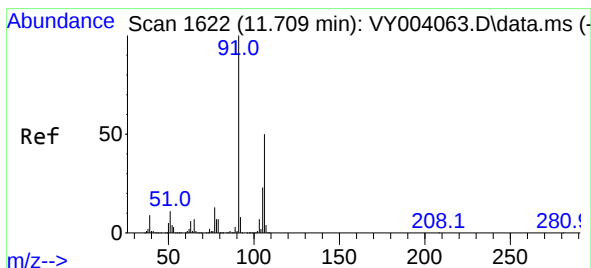
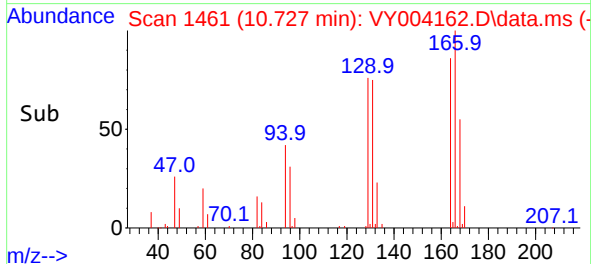
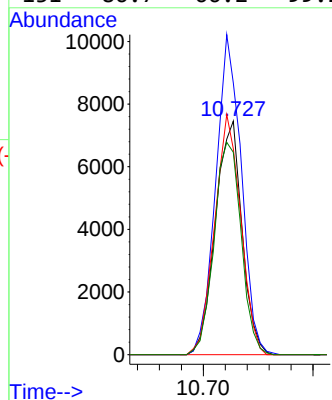


#64
Tetrachloroethene
Concen: 4.72 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

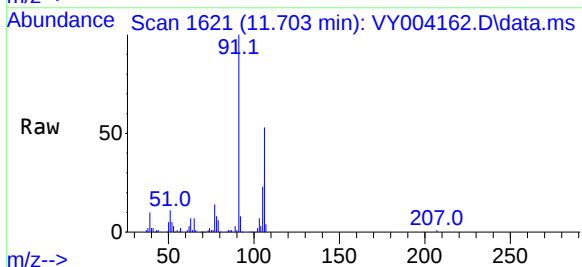
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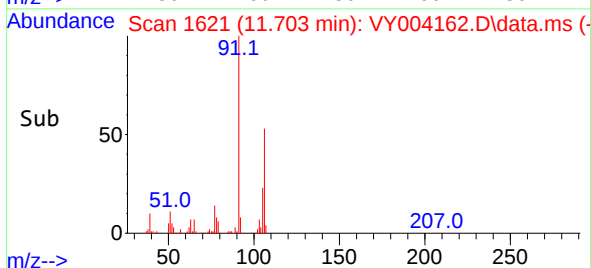
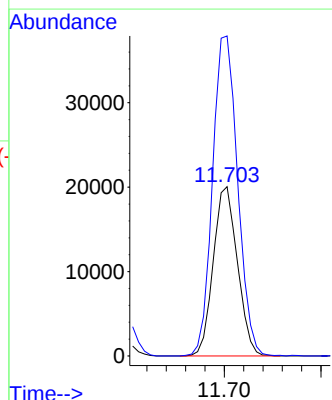
Tgt Ion:164 Resp: 12580
Ion Ratio Lower Upper
164 100
166 116.3 102.7 154.1
129 88.2 70.6 105.8
131 86.7 66.2 99.2

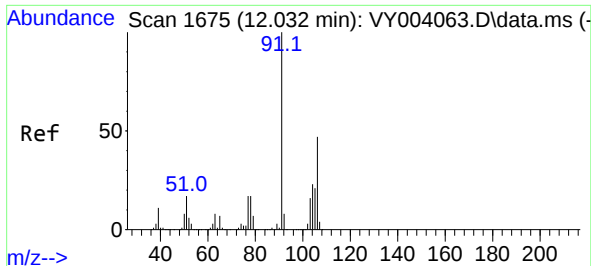


#68
m/p-Xylenes
Concen: 8.11 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31



Tgt Ion:106 Resp: 34662
Ion Ratio Lower Upper
106 100
91 196.6 165.4 248.0

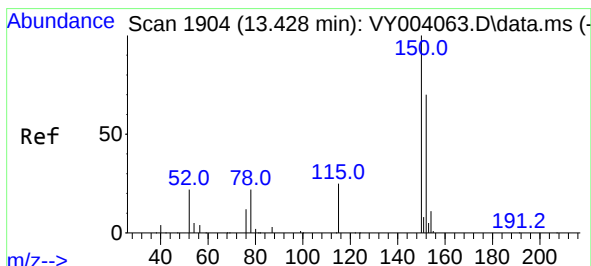
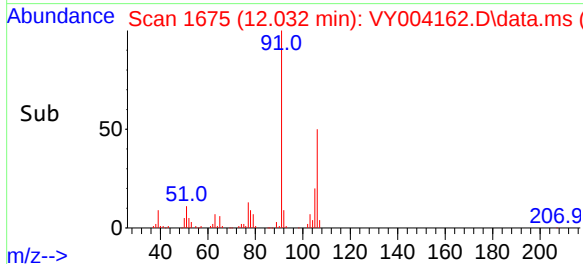
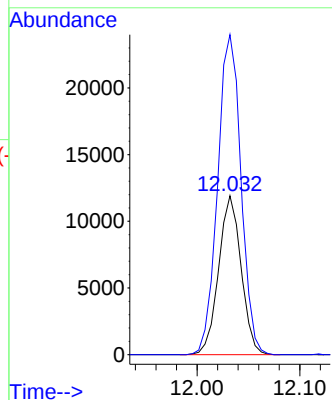
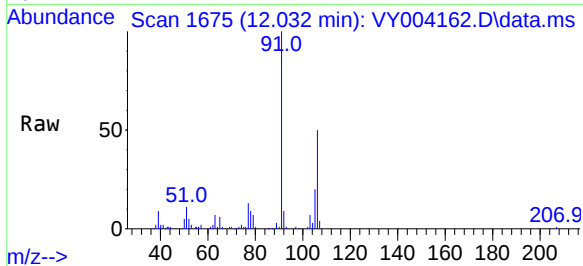




#69
o-Xylene
Concen: 4.47 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

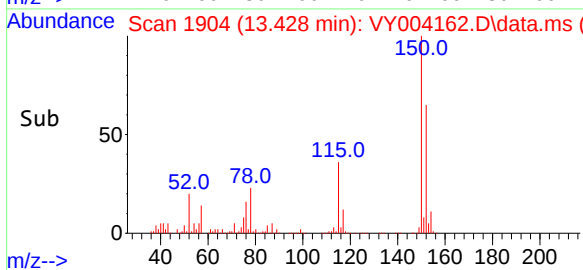
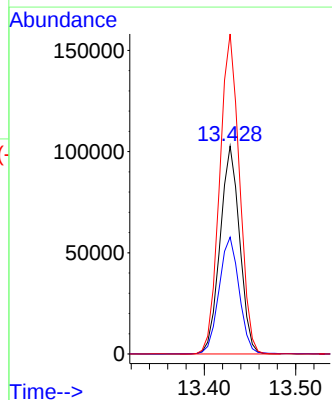
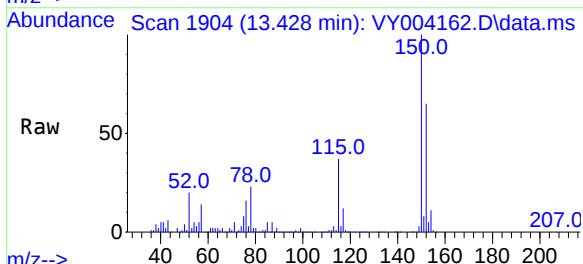
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

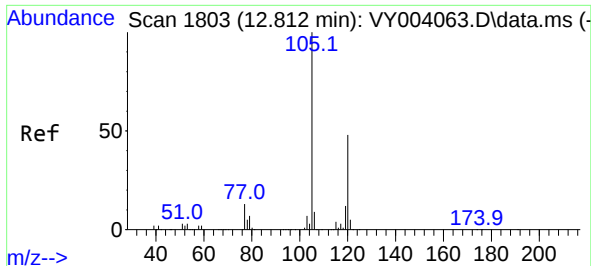
Tgt Ion:106 Resp: 18081
Ion Ratio Lower Upper
106 100
91 209.4 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

Tgt Ion:152 Resp: 153104
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.6
150 155.9 0.0 347.2

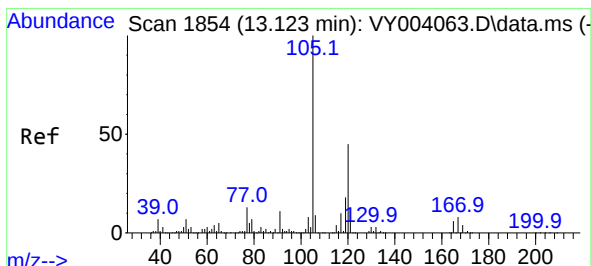
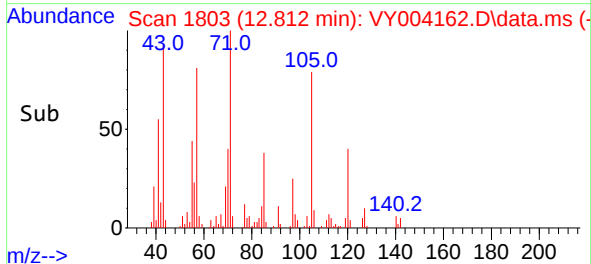
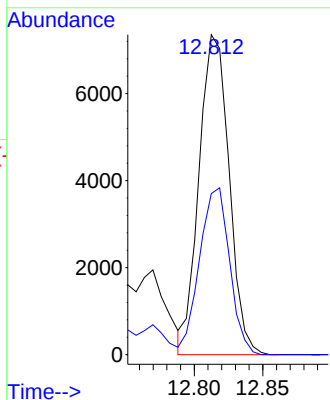
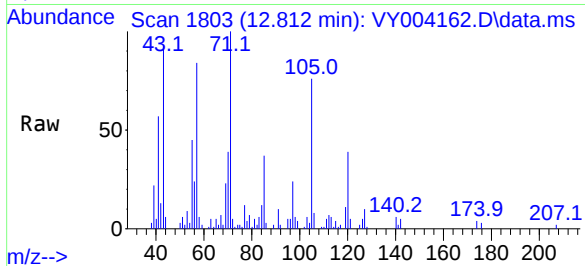




#80
1,3,5-Trimethylbenzene
Concen: 1.24 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

Tgt Ion:105 Resp: 11219
Ion Ratio Lower Upper
105 100
120 52.3 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 2.30 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004162.D
Acq: 22 Mar 2021 14:31

Tgt Ion:105 Resp: 20746
Ion Ratio Lower Upper
105 100
120 45.8 22.1 66.3

