

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003908.D
 Acq On : 12 Jan 2021 18:03
 Operator : SY/MD
 Sample : M1077-03
 Misc : 6.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-011121-B

Quant Time: Jan 13 02:35:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

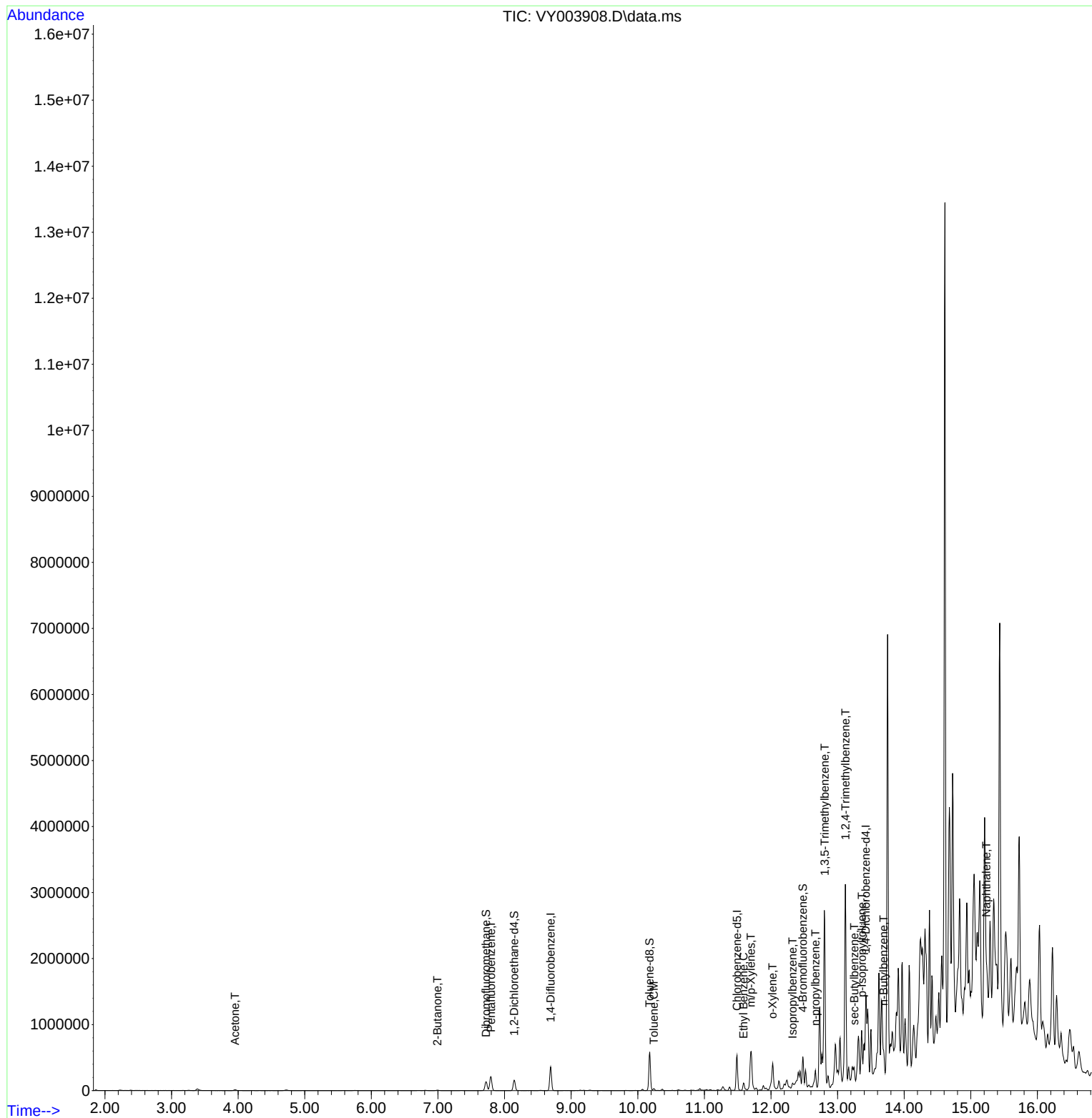
Internal Standards						
1) Pentafluorobenzene	7.795	168	168625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	283527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	266370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	122920	46.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.86%
35) Dibromofluoromethane	7.722	113	92013	39.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.42%
50) Toluene-d8	10.179	98	355960	37.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.82%
62) 4-Bromofluorobenzene	12.477	95	130247	37.98	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.96%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	22672	35.00	ug/l	100
25) 2-Butanone	6.990	43	12196	12.08	ug/l	97
52) Toluene	10.240	92	11318	1.68	ug/l	95
67) Ethyl Benzene	11.587	91	71246	5.37	ug/l	99
68) m/p-Xylenes	11.697	106	133407	27.15	ug/l	96
69) o-Xylene	12.026	106	90610	19.68	ug/l	97
73) Isopropylbenzene	12.325	105	33877	2.69	ug/l	99
78) n-propylbenzene	12.666	91	180284	11.97	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	339764	31.23	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	1495086	138.55	ug/l	99
85) sec-Butylbenzene	13.252	105	80596	6.36	ug/l	86
86) p-Isopropyltoluene	13.367	119	58951	4.94	ug/l	99
89) n-Butylbenzene	13.690	91	154829	13.67	ug/l #	76
95) Naphthalene	15.233	128	239880	33.34	ug/l #	81

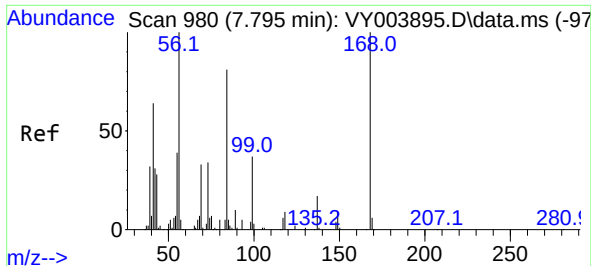
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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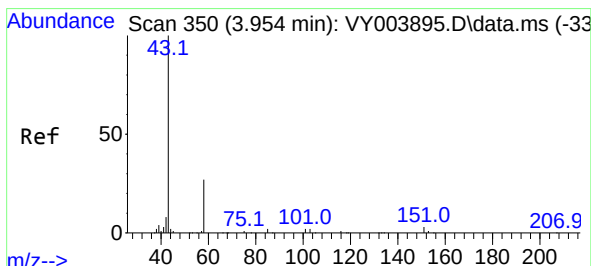
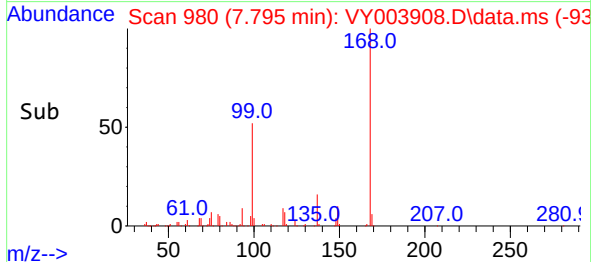
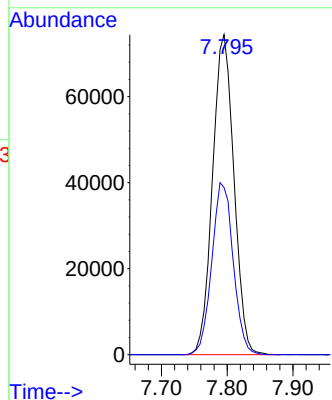
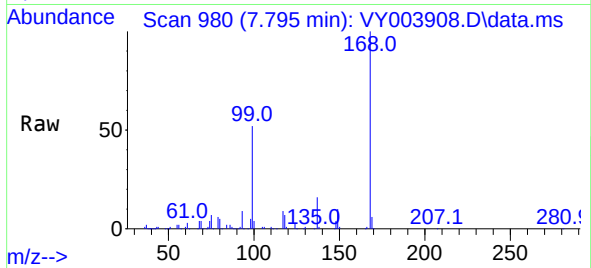




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

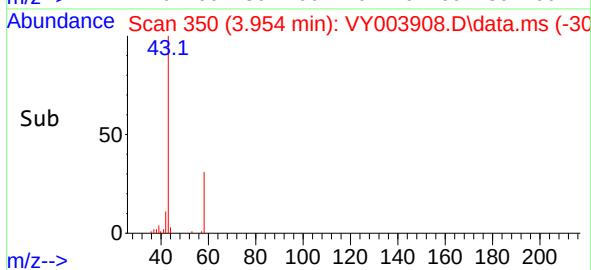
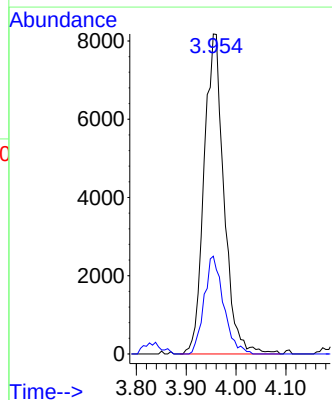
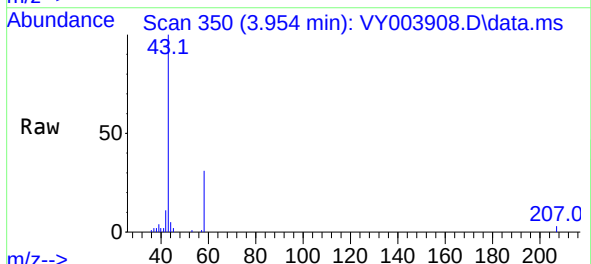
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-011121-B

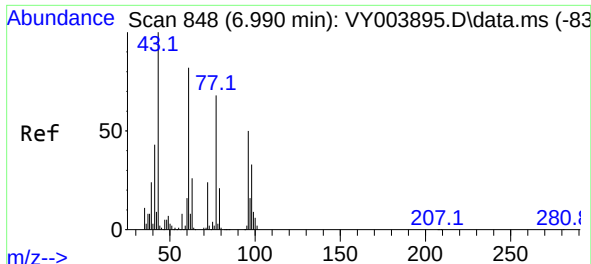
Tgt Ion:168 Resp: 168625
Ion Ratio Lower Upper
168 100
99 52.3 40.4 60.6



#16
Acetone
Concen: 35.00 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion: 43 Resp: 22672
Ion Ratio Lower Upper
43 100
58 30.6 24.5 36.7

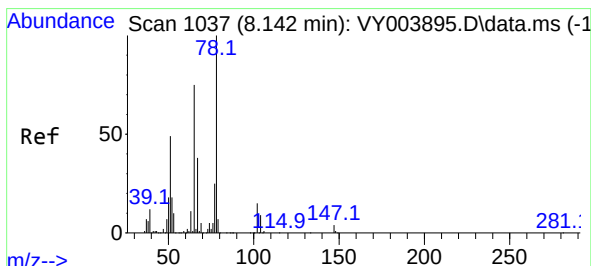
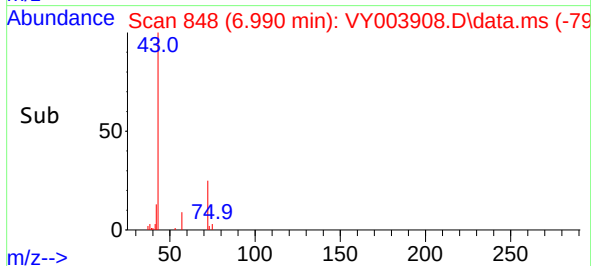
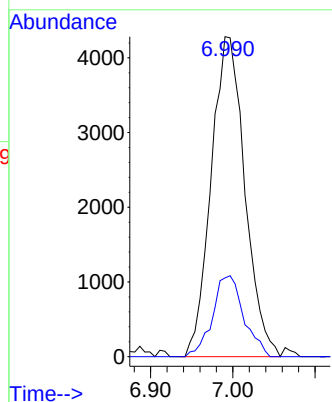
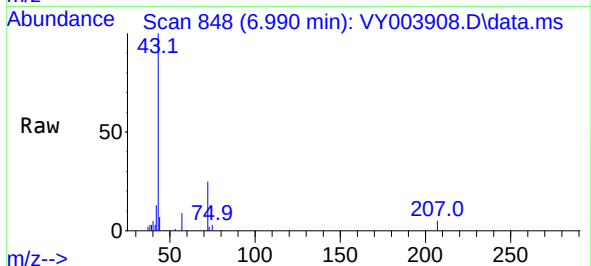




#25
2-Butanone
Concen: 12.08 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

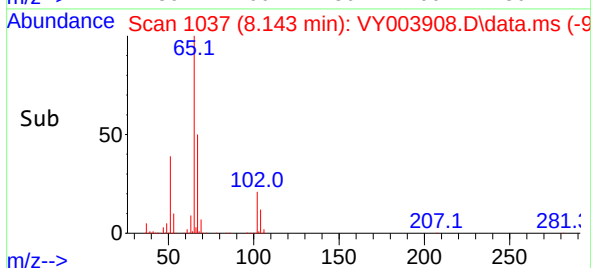
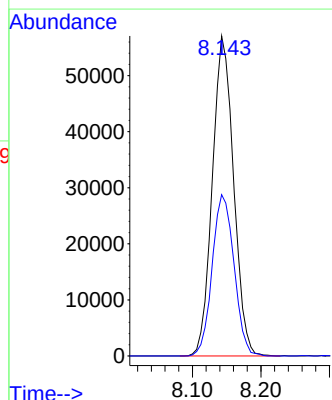
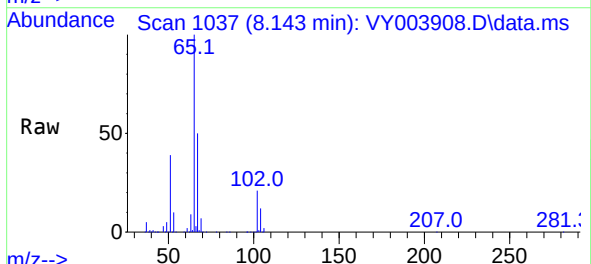
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-011121-B

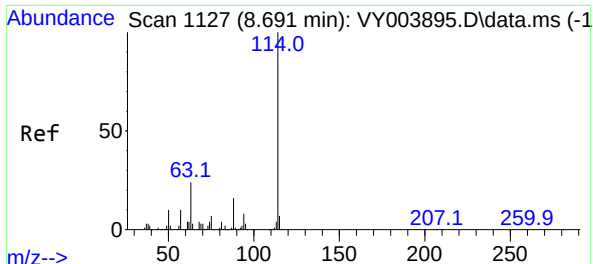
Tgt Ion: 43 Resp: 12196
Ion Ratio Lower Upper
43 100
72 24.6 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 46.93 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion: 65 Resp: 122920
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.2



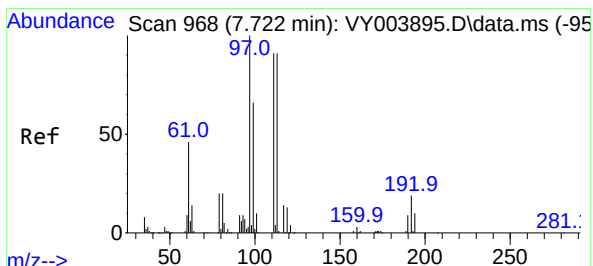
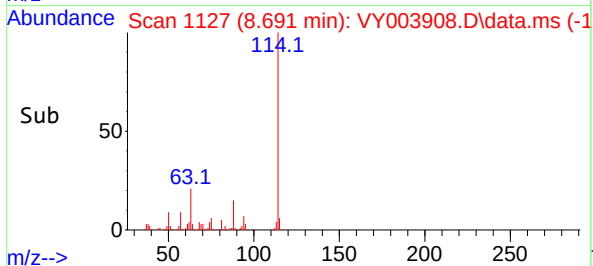
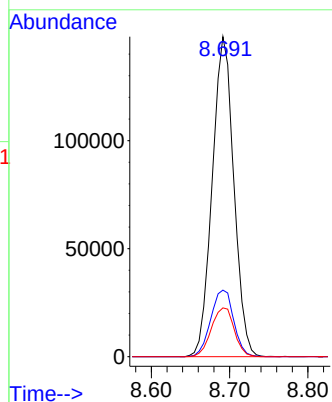
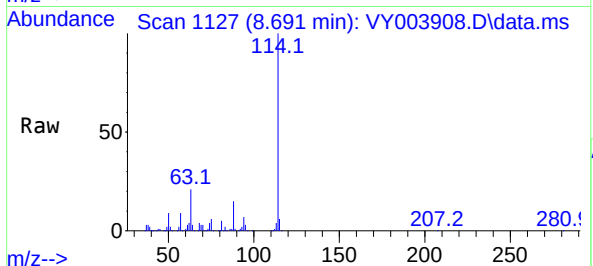


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-011121-B

Tgt Ion:114 Resp: 283527

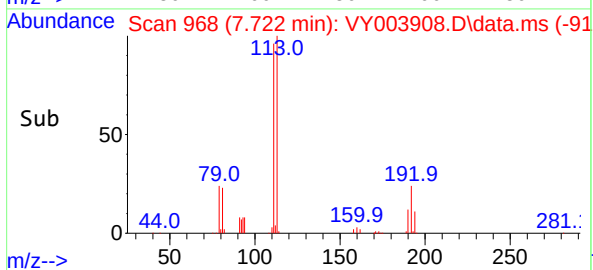
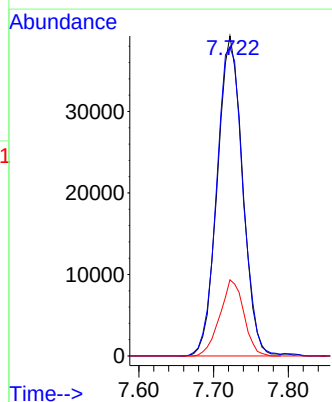
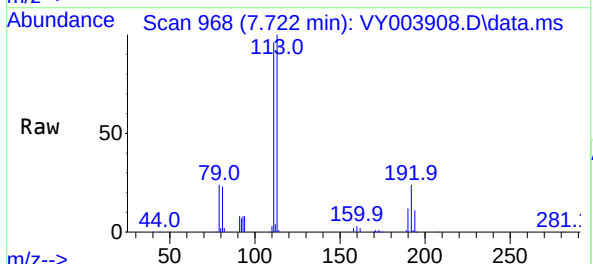
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.8
88	15.3	0.0	31.4

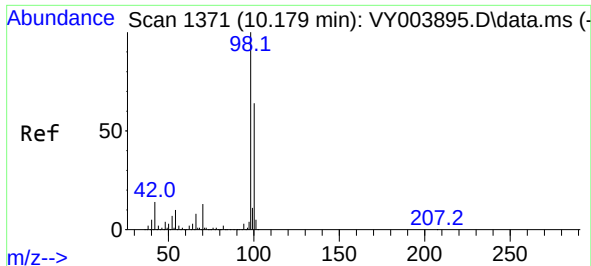


#35
Dibromofluoromethane
Concen: 39.71 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion:113 Resp: 92013

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.6
192	22.6	19.8	29.6

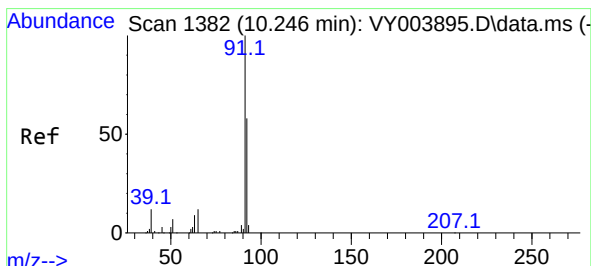
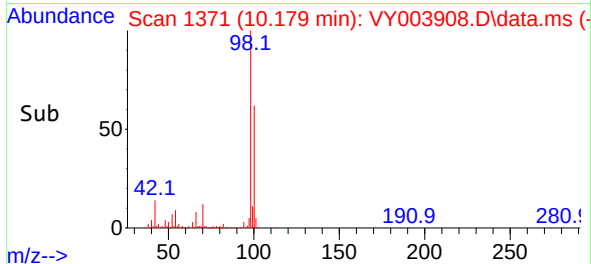
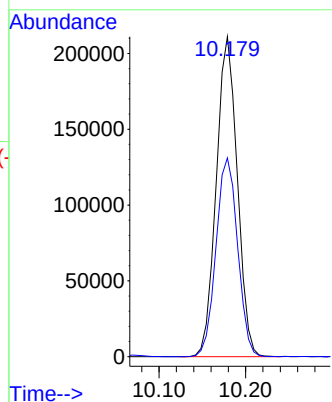
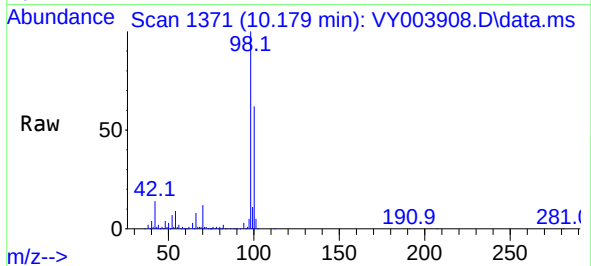




#50
Toluene-d8
Concen: 37.91 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

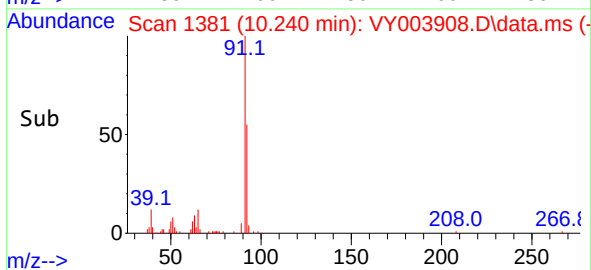
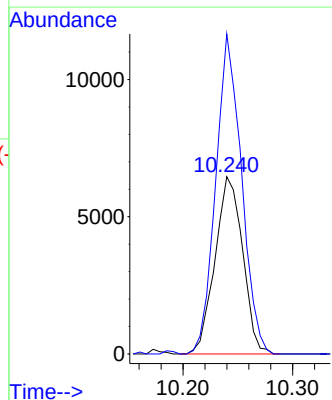
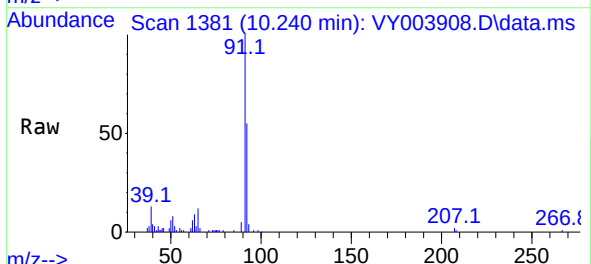
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-011121-B

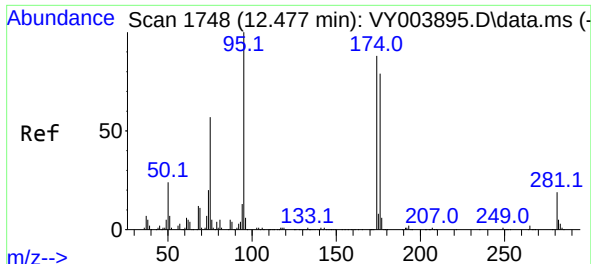
Tgt Ion: 98 Resp: 355960
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#52
Toluene
Concen: 1.68 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion: 92 Resp: 11318
Ion Ratio Lower Upper
92 100
91 168.4 140.7 211.1

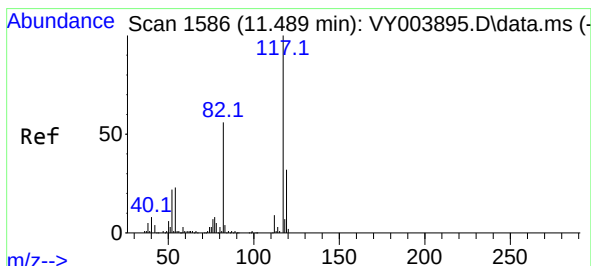
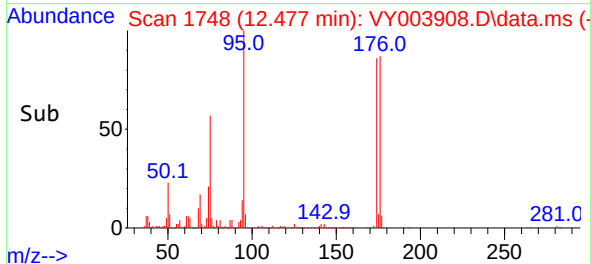
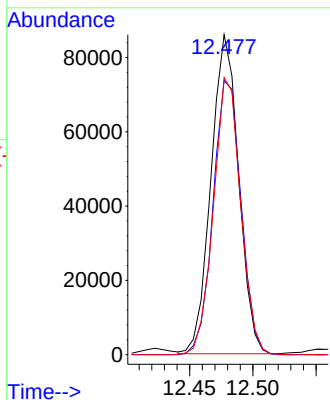
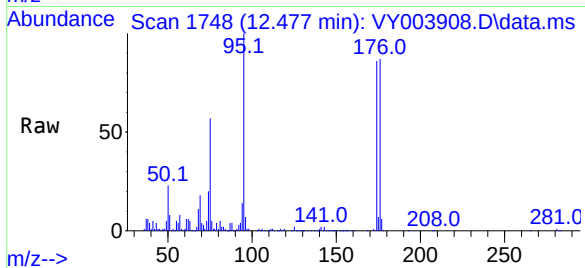




#62
4-Bromofluorobenzene
Concen: 37.98 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

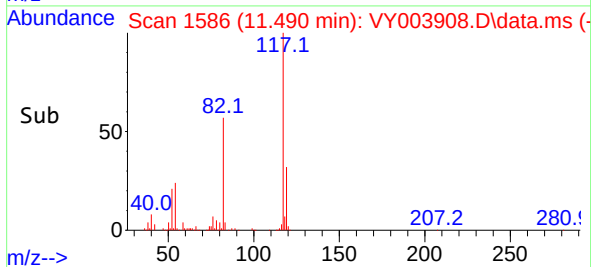
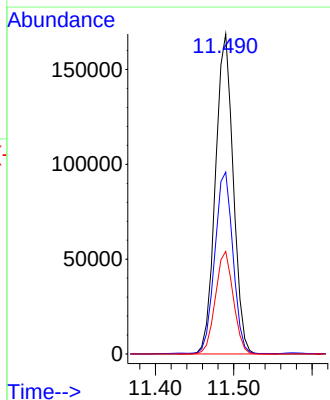
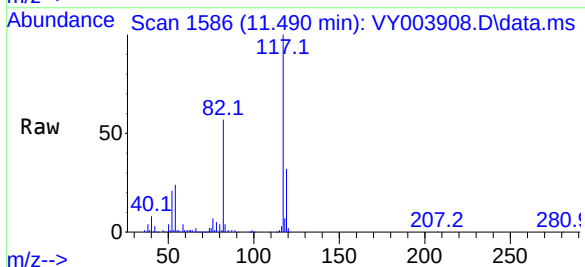
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-011121-B

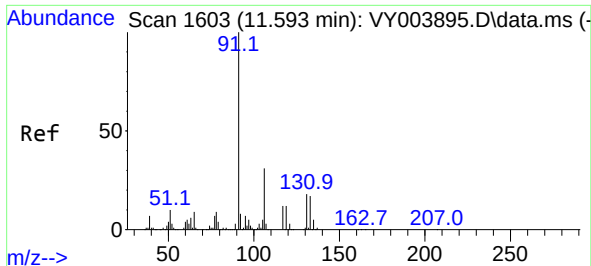
Tgt Ion: 95 Resp: 130247
Ion Ratio Lower Upper
95 100
174 87.0 0.0 193.2
176 85.4 0.0 187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion: 117 Resp: 266370
Ion Ratio Lower Upper
117 100
82 56.8 43.9 65.9
119 32.1 26.2 39.4

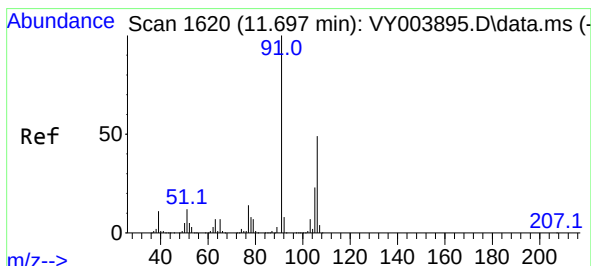
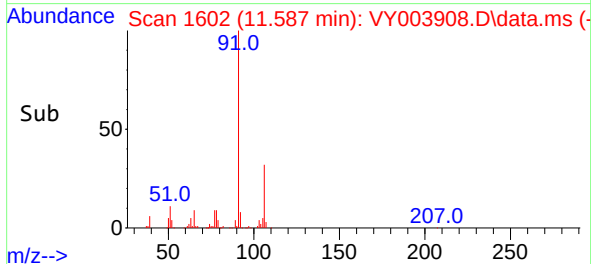
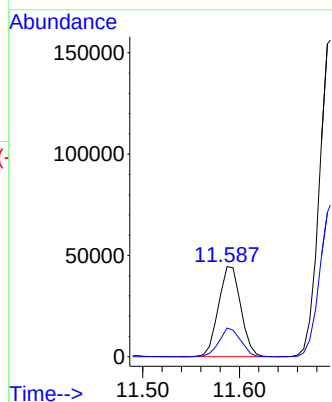
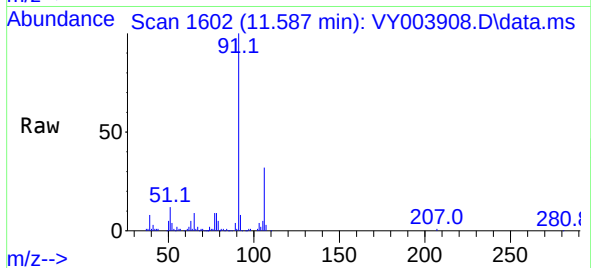




#67
Ethyl Benzene
Concen: 5.37 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

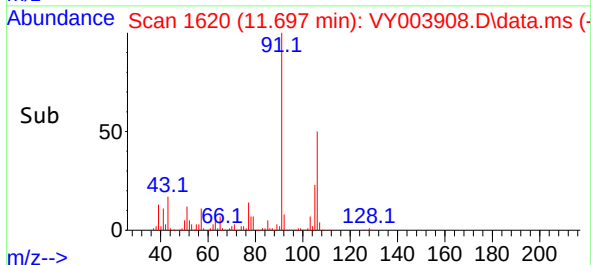
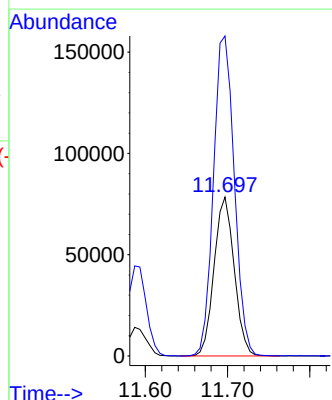
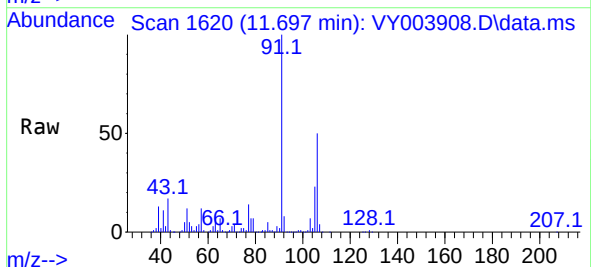
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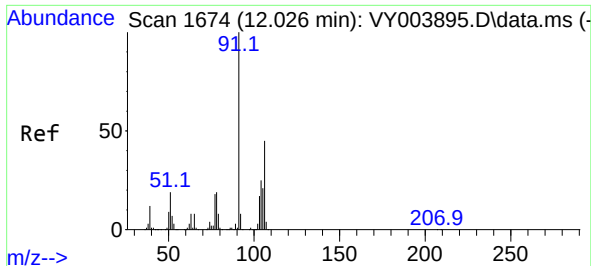
Tgt Ion: 91 Resp: 71246
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 27.15 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion:106 Resp: 133407
Ion Ratio Lower Upper
106 100
91 208.6 162.2 243.4

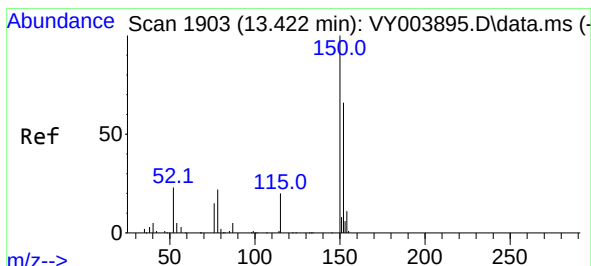
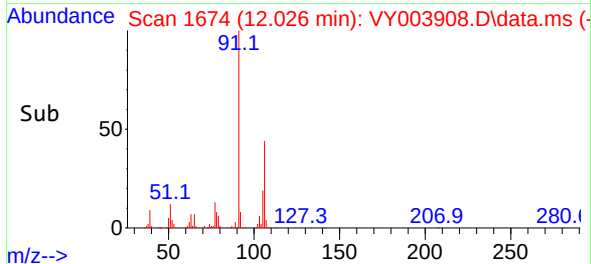
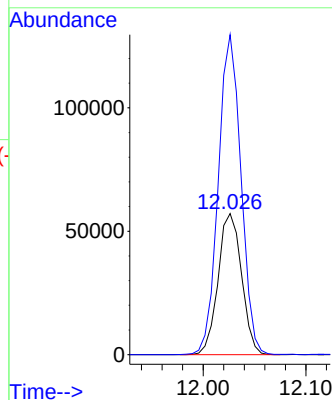
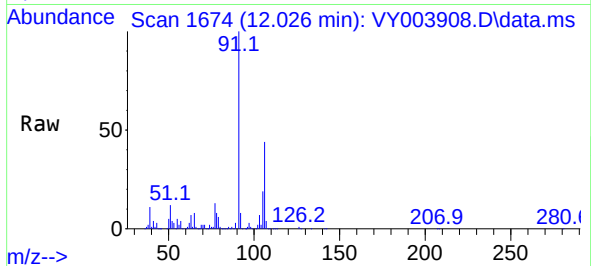




#69
o-Xylene
Concen: 19.68 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

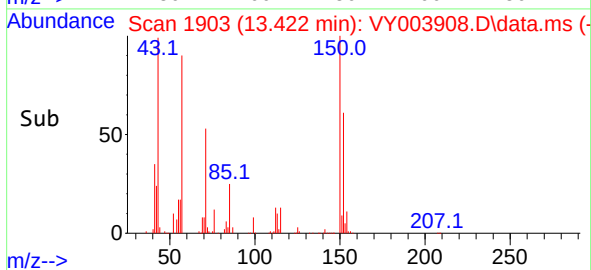
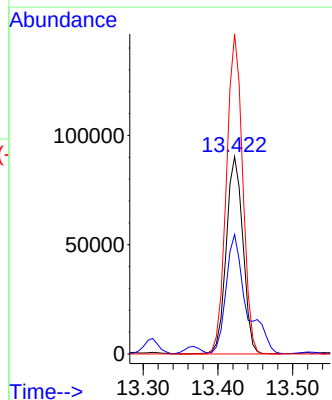
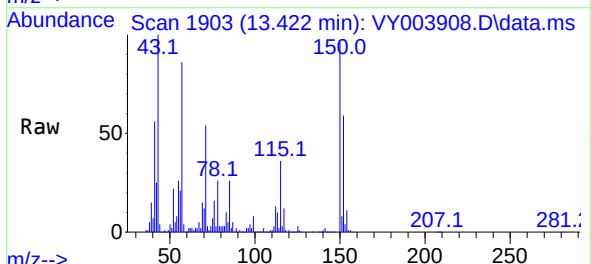
Instrument :
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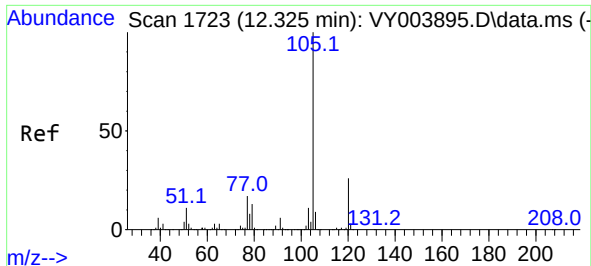
Tgt Ion:106 Resp: 90610
Ion Ratio Lower Upper
106 100
91 219.7 107.6 322.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion:152 Resp: 140110
Ion Ratio Lower Upper
152 100
115 73.9 27.9 83.7
150 157.7 0.0 356.4

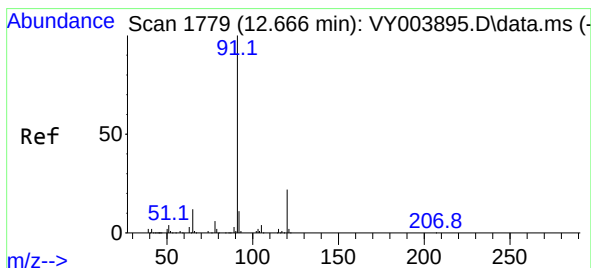
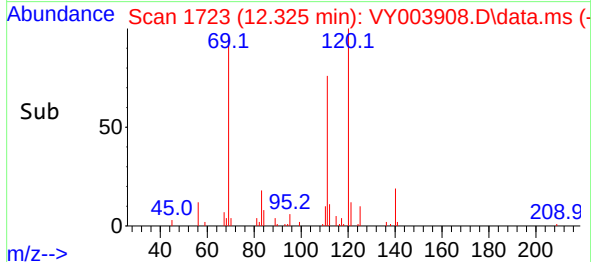
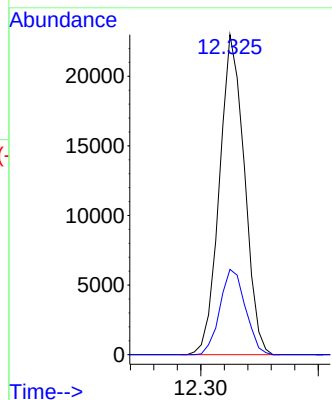
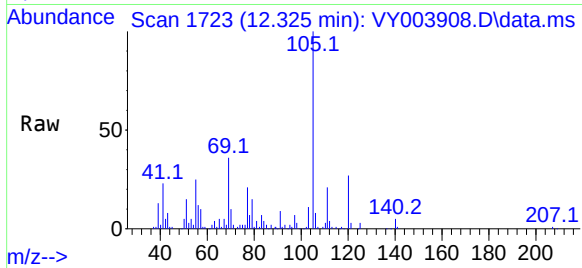




#73
Isopropylbenzene
Concen: 2.69 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

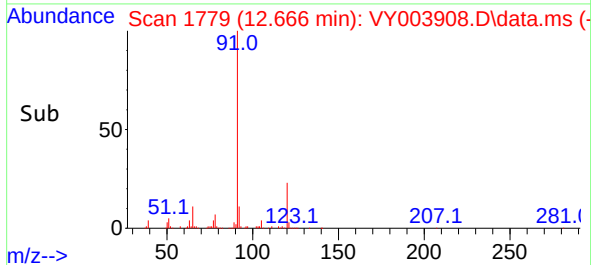
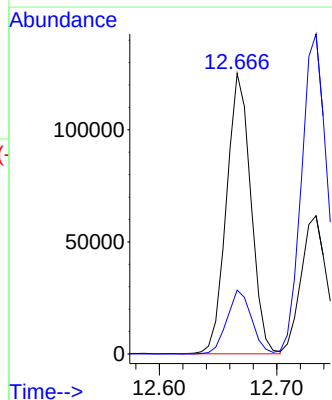
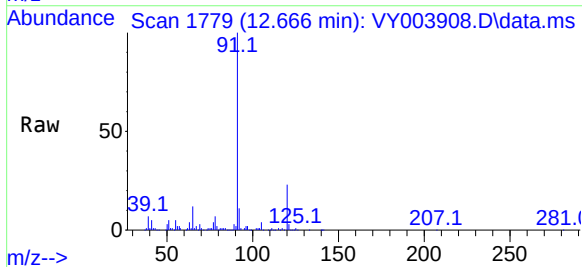
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-011121-B

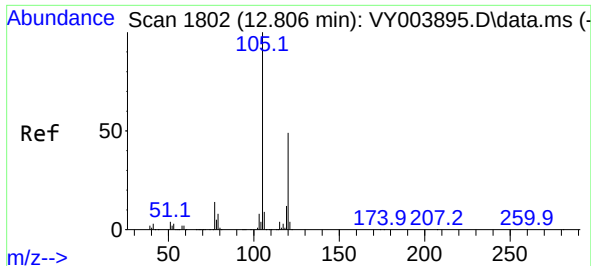
Tgt Ion:105 Resp: 33877
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#78
n-propylbenzene
Concen: 11.97 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion: 91 Resp: 180284
Ion Ratio Lower Upper
91 100
120 22.8 11.8 35.4

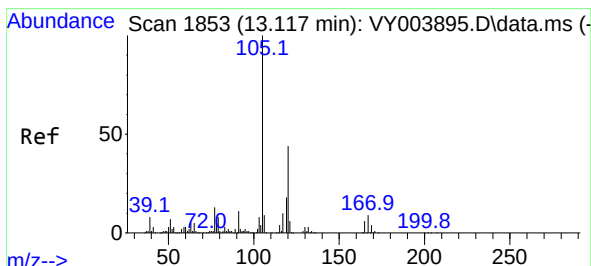
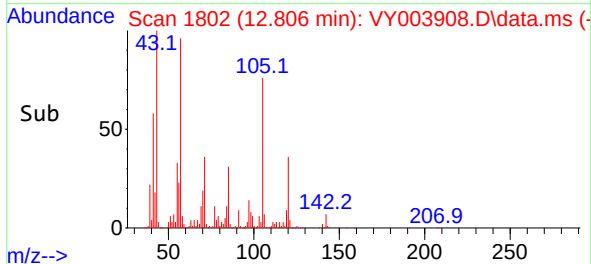
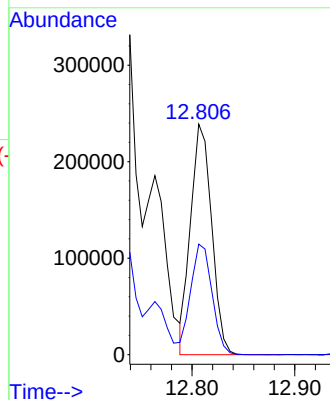
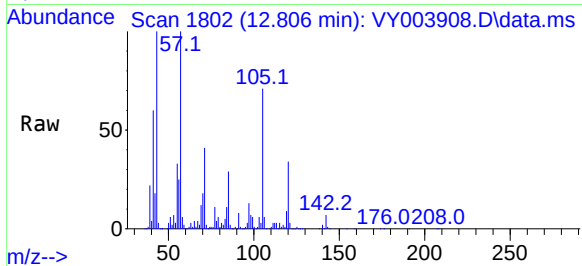




#80
1,3,5-Trimethylbenzene
Concen: 31.23 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

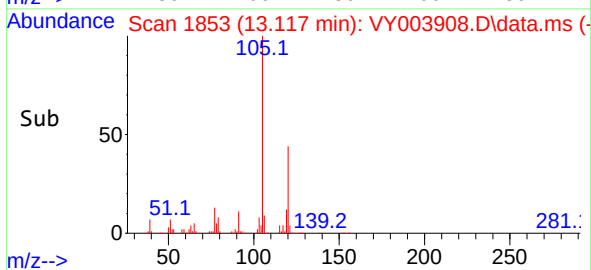
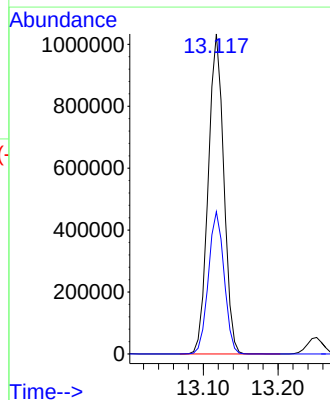
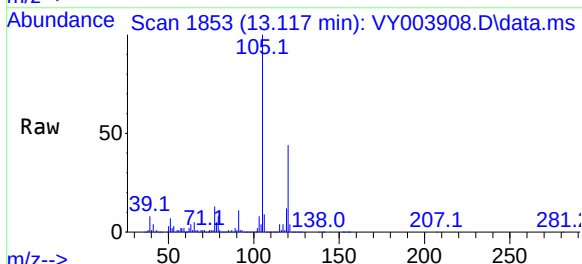
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-011121-B

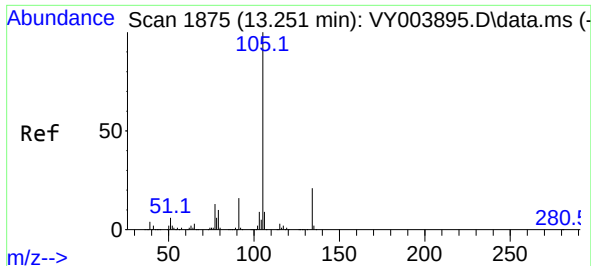
Tgt Ion:105 Resp: 339764
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 138.55 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion:105 Resp: 1495086
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.5

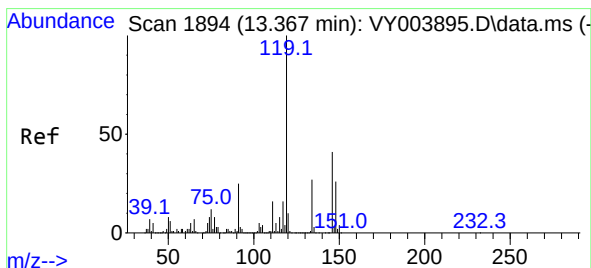
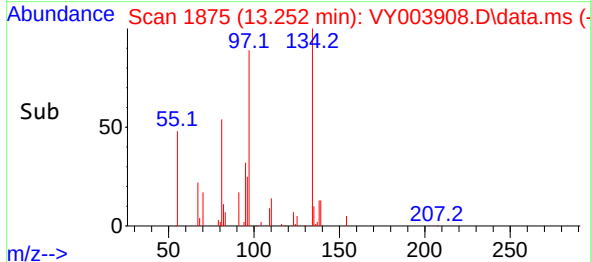
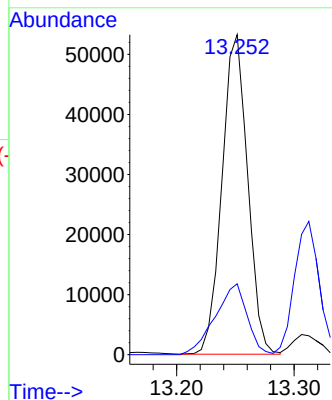
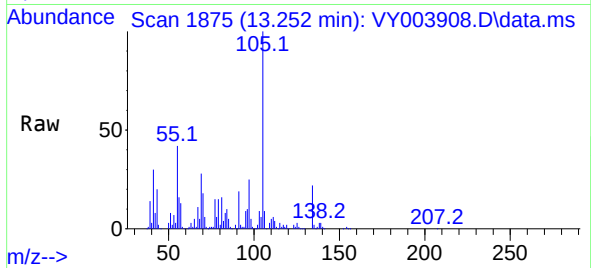




#85
sec-Butylbenzene
Concen: 6.36 ug/l
RT: 13.252 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

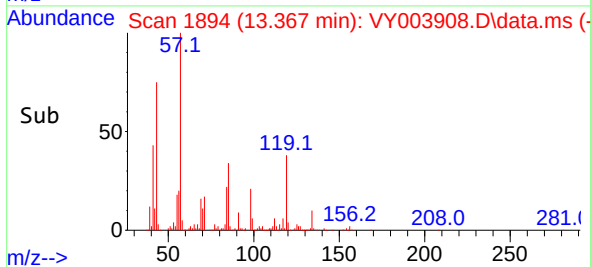
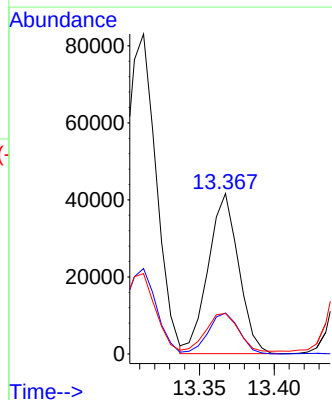
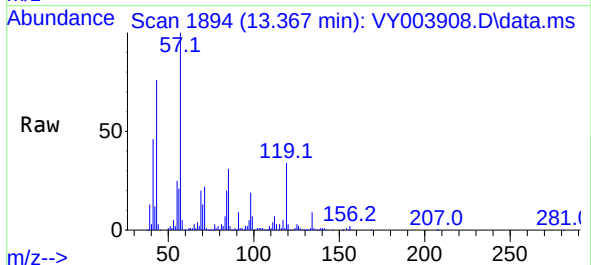
Instrument :
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ClientSampleId :
JC-03-011121-B

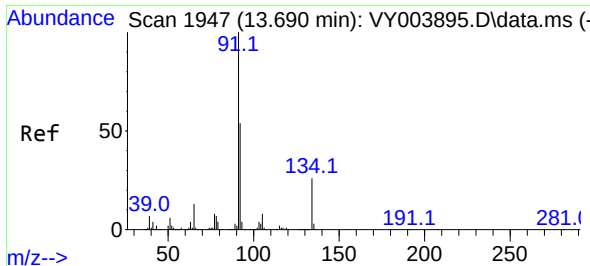
Tgt Ion:105 Resp: 80596
Ion Ratio Lower Upper
105 100
134 27.7 10.5 31.6



#86
p-Isopropyltoluene
Concen: 4.94 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion:119 Resp: 58951
Ion Ratio Lower Upper
119 100
134 26.0 13.5 40.5
91 24.7 12.3 36.8

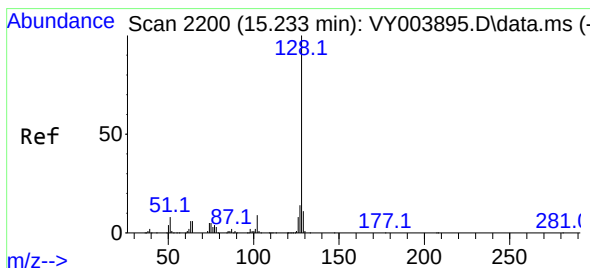
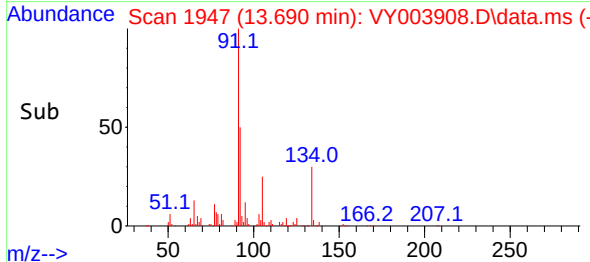
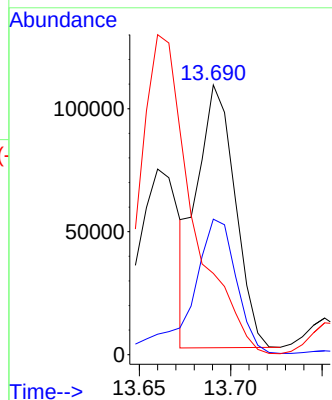
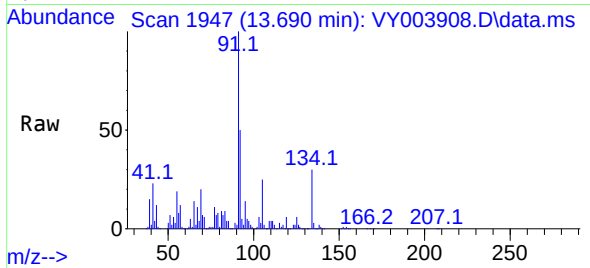




#89
n-Butylbenzene
Concen: 13.67 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-011121-B

Tgt Ion: 91 Resp: 154829
Ion Ratio Lower Upper
91 100
92 59.8 26.7 80.1
134 0.0 13.9 41.7#



#95
Naphthalene
Concen: 33.34 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003908.D
Acq: 12 Jan 2021 18:03

Tgt Ion:128 Resp: 239880
Ion Ratio Lower Upper
128 100
127 21.7 10.6 15.8#
129 16.8 8.7 13.1#

