

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004904.D
 Acq On : 27 May 2021 16:33
 Operator : SY/MD
 Sample : M2535-07
 Misc : 4.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-3

Quant Time: May 27 16:42:41 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)

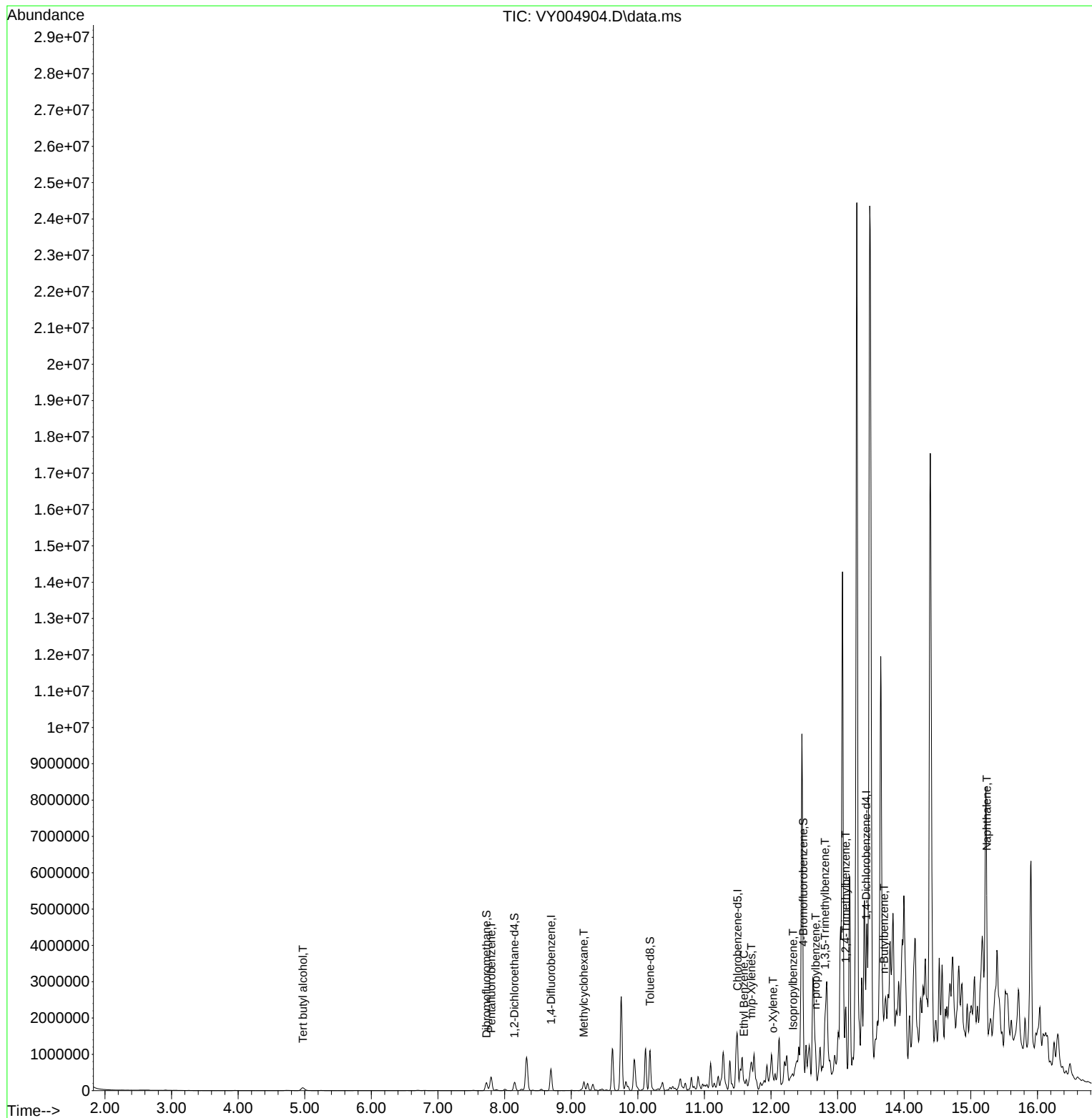
Internal Standards						
1) Pentafluorobenzene	7.801	168	278451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	505294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	476223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	177949	53.69	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.38%			
35) Dibromofluoromethane	7.728	113	155545	56.23	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.46%			
50) Toluene-d8	10.185	98	623012	49.86	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.72%			
62) 4-Bromofluorobenzene	12.483	95	239600	56.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.62%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	180209	541.02	ug/l	98
39) Methylcyclohexane	9.191	83	33759	5.98	ug/l #	68
67) Ethyl Benzene	11.593	91	107617	5.91	ug/l	100
68) m/p-Xylenes	11.703	106	146176	21.37	ug/l	97
69) o-Xylene	12.032	106	6814	1.07	ug/l	93
73) Isopropylbenzene	12.331	105	41606	2.54	ug/l	99
78) n-propylbenzene	12.672	91	232397	11.63	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	194891	14.33	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	918362	67.47	ug/l	99
89) n-Butylbenzene	13.696	91	86557	6.05	ug/l #	82
95) Naphthalene	15.239	128	495769	55.59	ug/l #	1

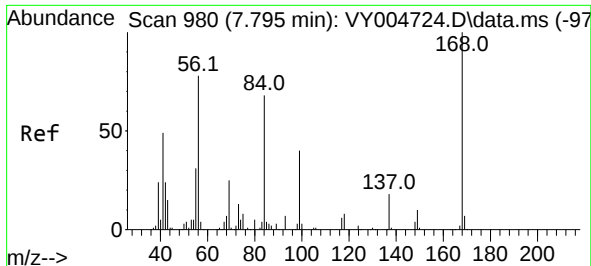
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
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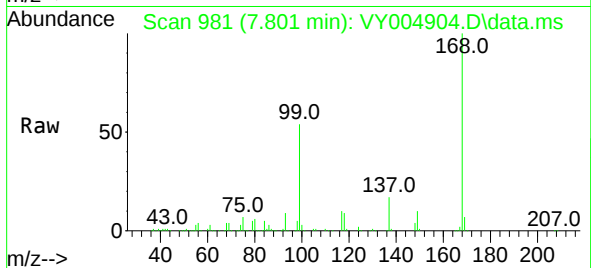
Quant Time: May 27 16:42:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration



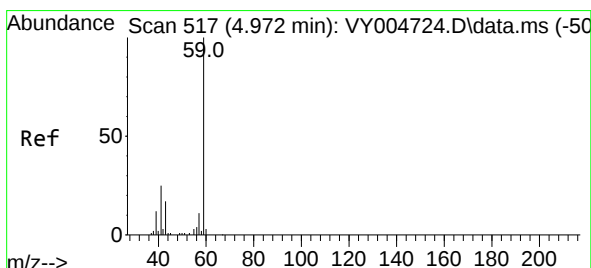
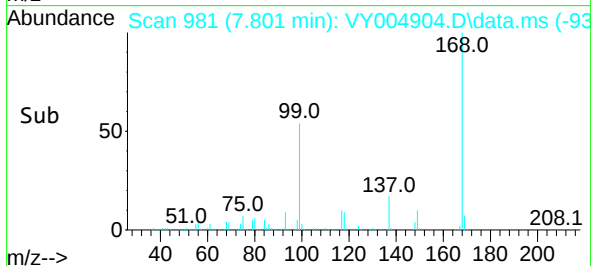
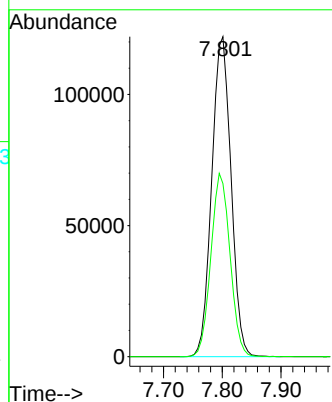


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

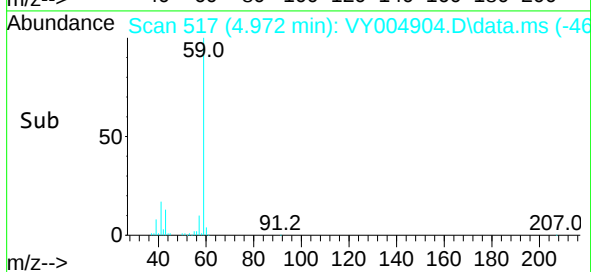
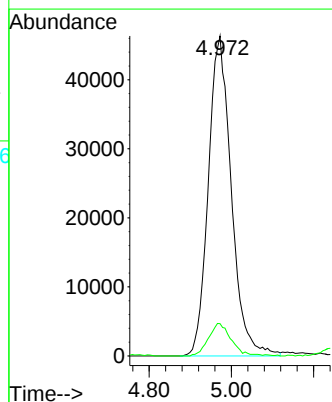
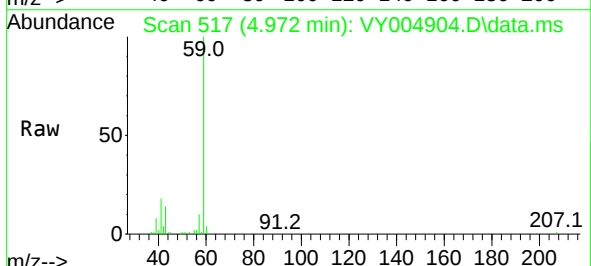


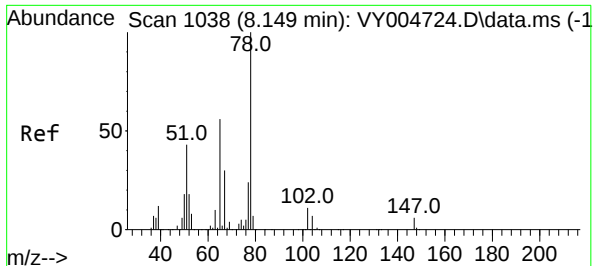
Tgt Ion:168 Resp: 278451
Ion Ratio Lower Upper
168 100
99 54.1 45.6 68.4



#11
Tert butyl alcohol
Concen: 541.02 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

Tgt Ion: 59 Resp: 180209
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

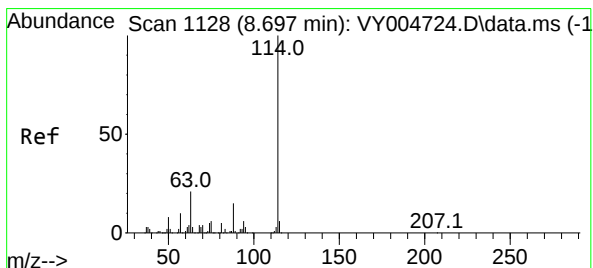
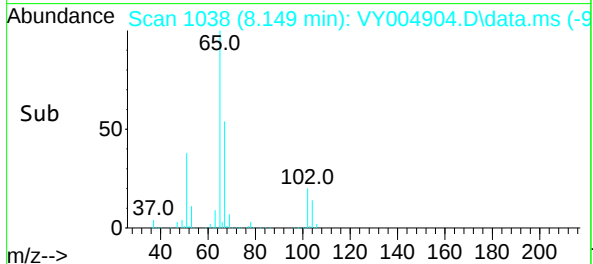
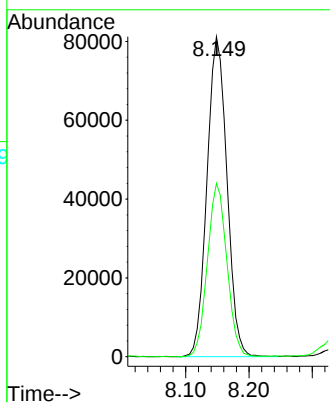
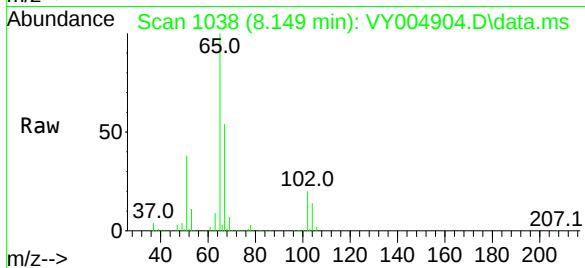




#33
1,2-Dichloroethane-d4
Concen: 53.69 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

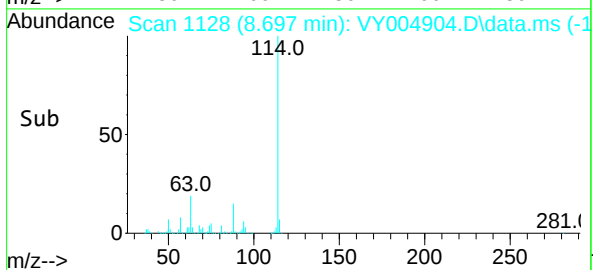
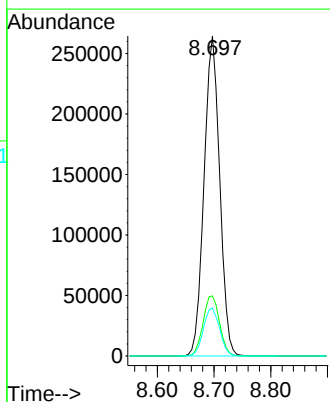
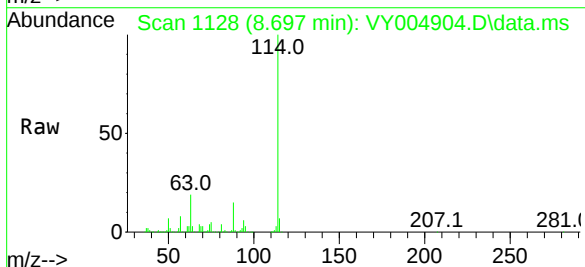
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

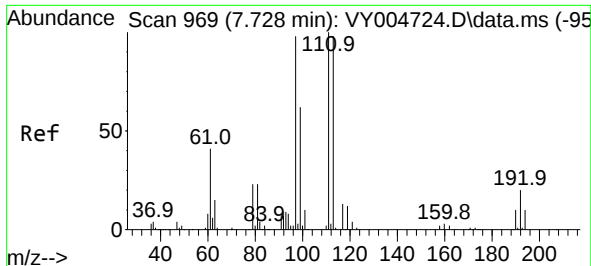
Tgt Ion: 65 Resp: 177949
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

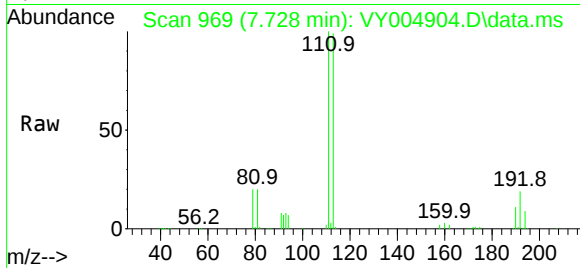
Tgt Ion:114 Resp: 505294
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.8
88 15.0 0.0 31.0



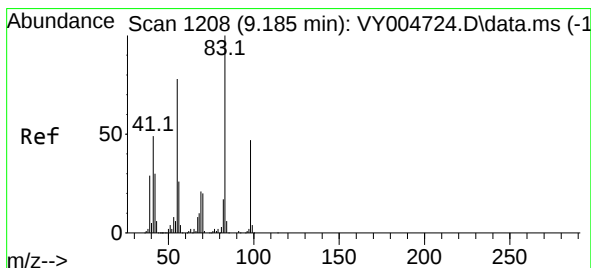
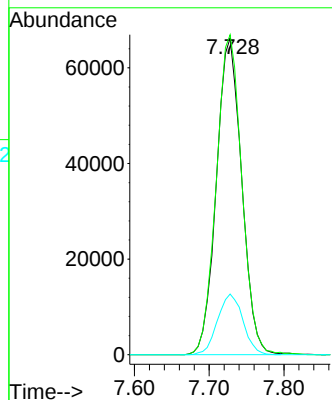
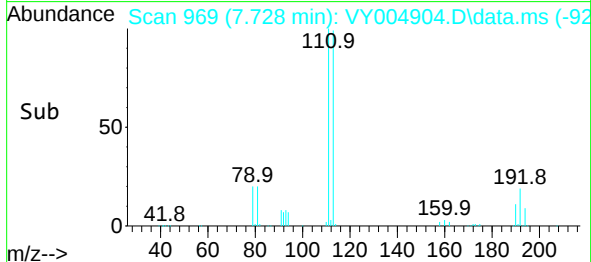


#35
Dibromofluoromethane
Concen: 56.23 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

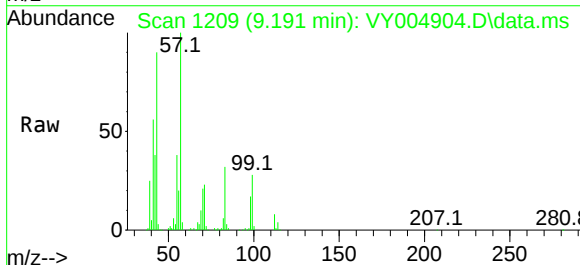
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3



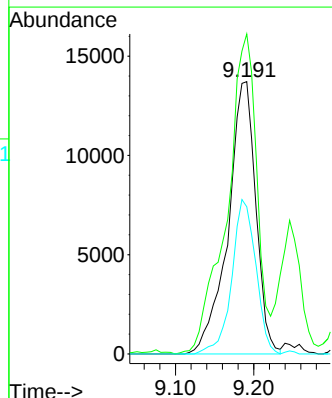
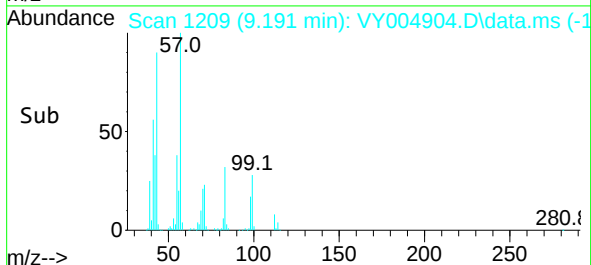
Tgt Ion:113 Resp: 155545
Ion Ratio Lower Upper
113 100
111 102.1 80.5 120.7
192 19.2 15.0 22.6

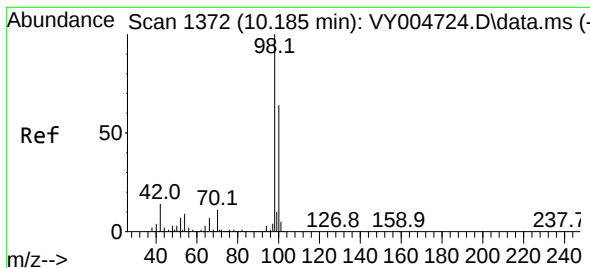


#39
Methylcyclohexane
Concen: 5.98 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33



Tgt Ion: 83 Resp: 33759
Ion Ratio Lower Upper
83 100
55 117.1 62.6 94.0#
98 54.1 37.8 56.6

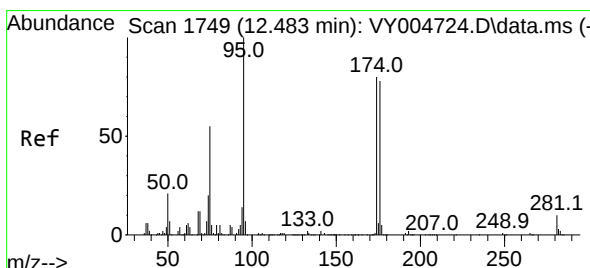
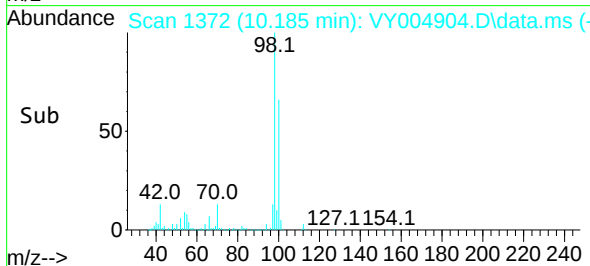
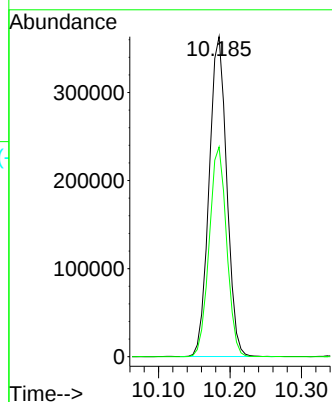
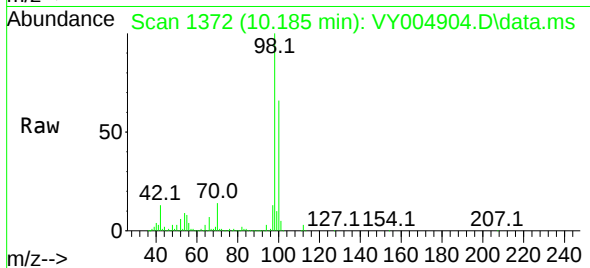




#50
Toluene-d8
Concen: 49.86 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

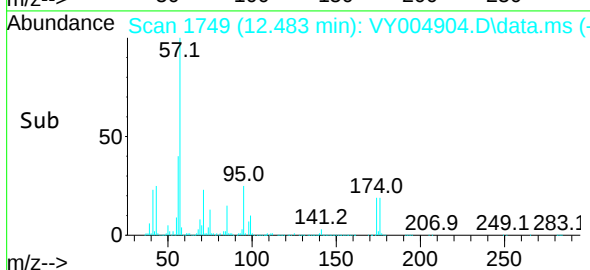
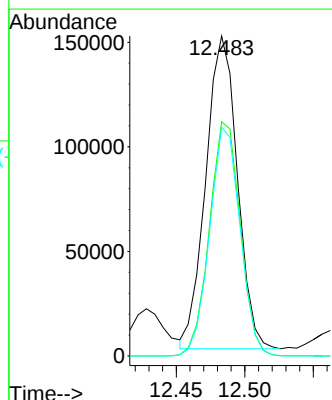
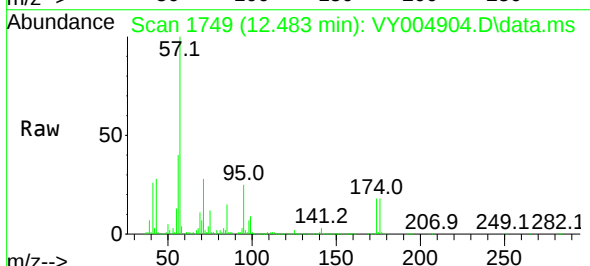
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ClientSampleId :
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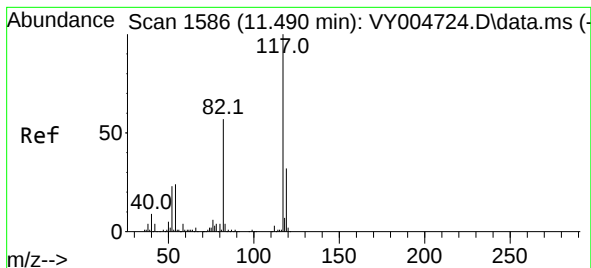
Tgt Ion: 98 Resp: 623012
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.81 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

Tgt Ion: 95 Resp: 239600
Ion Ratio Lower Upper
95 100
174 73.4 0.0 164.2
176 70.6 0.0 159.0

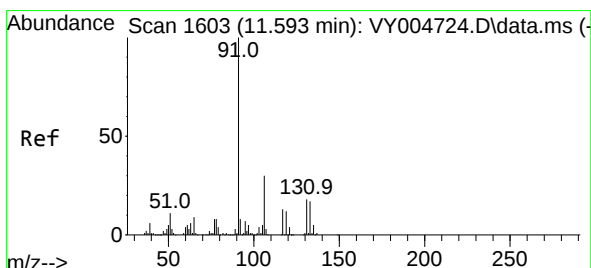
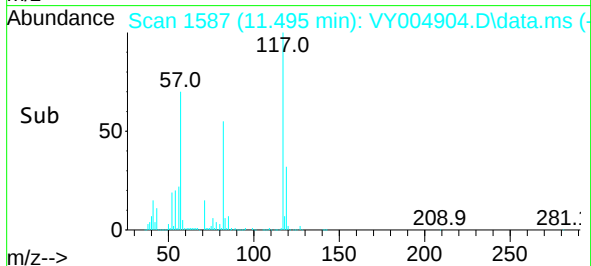
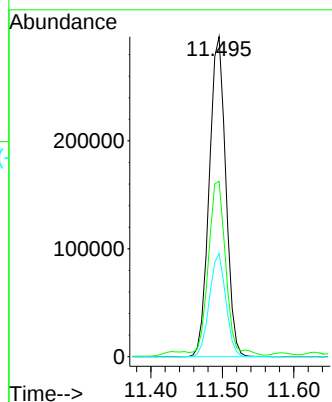
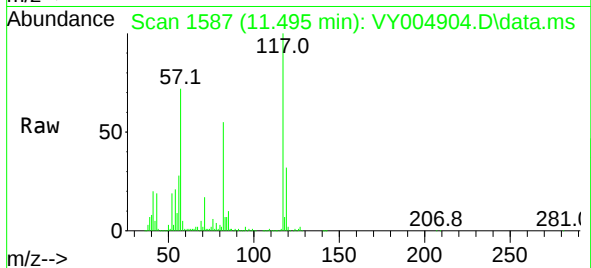




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

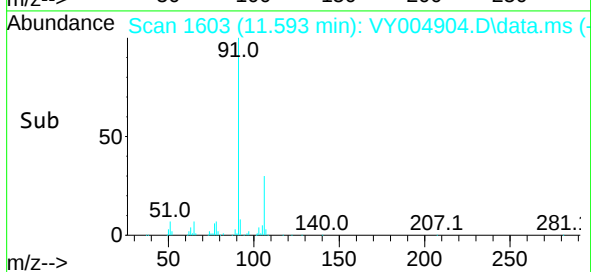
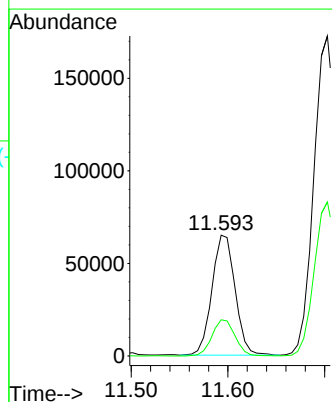
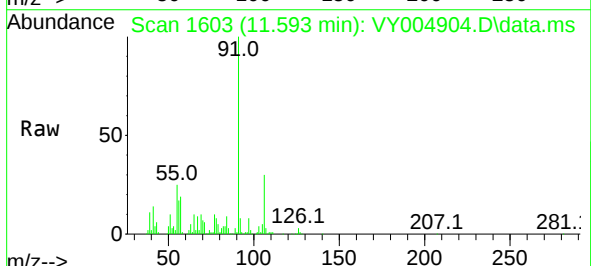
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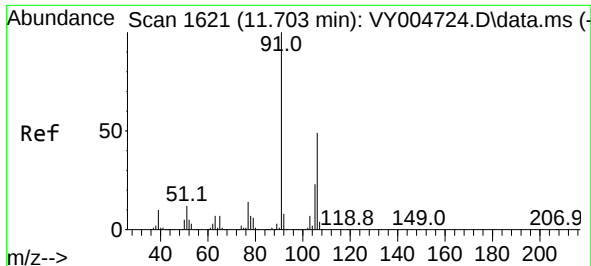
Tgt Ion:117 Resp: 476223
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.2
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 5.91 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

Tgt Ion: 91 Resp: 107617
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

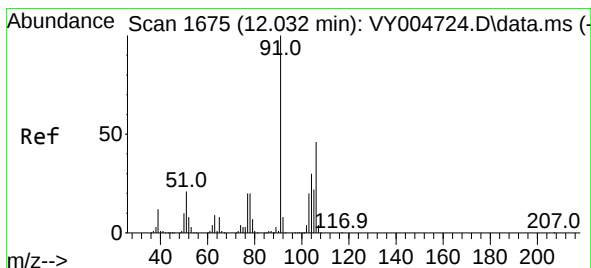
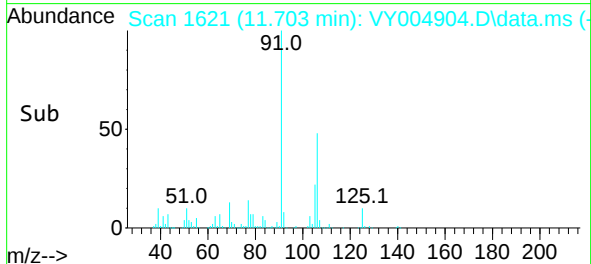
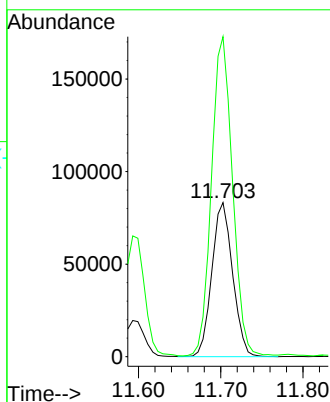
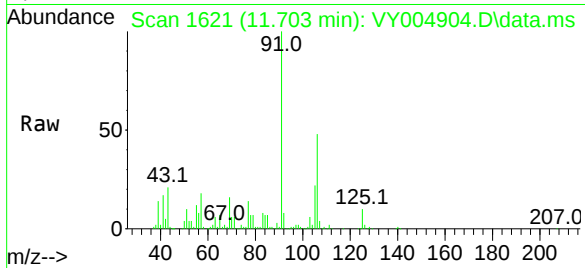




#68
m/p-Xylenes
Concen: 21.37 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

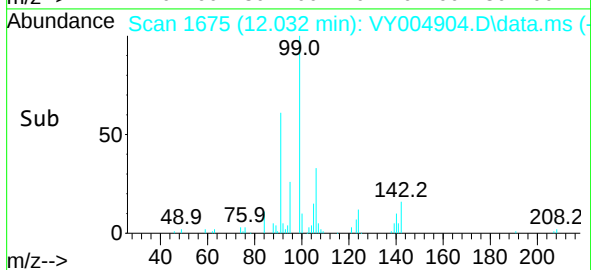
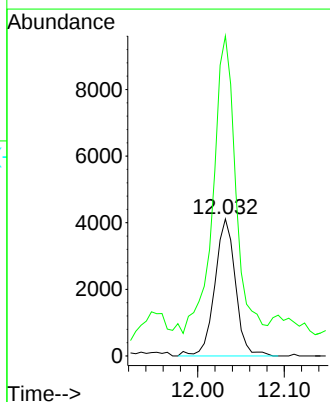
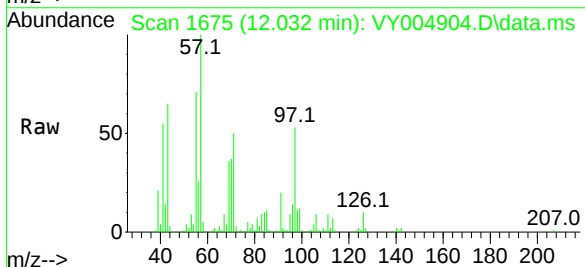
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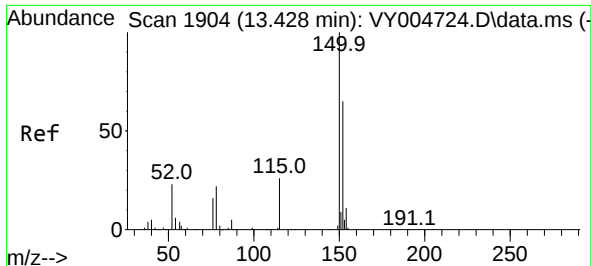
Tgt Ion:106 Resp: 146176
Ion Ratio Lower Upper
106 100
91 209.3 163.6 245.4



#69
o-Xylene
Concen: 1.07 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

Tgt Ion:106 Resp: 6814
Ion Ratio Lower Upper
106 100
91 229.3 108.9 326.7

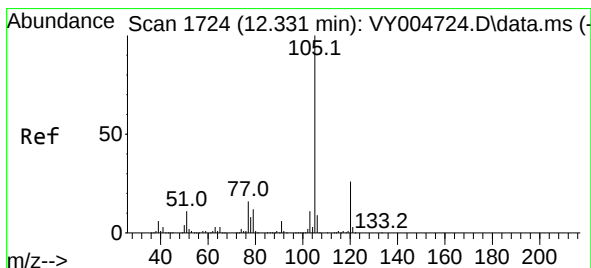
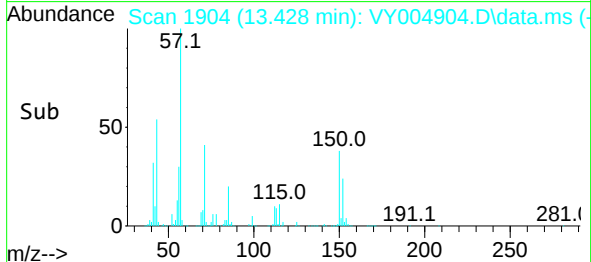
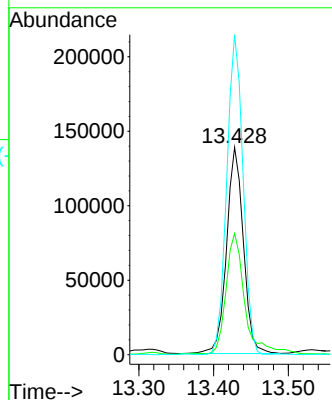
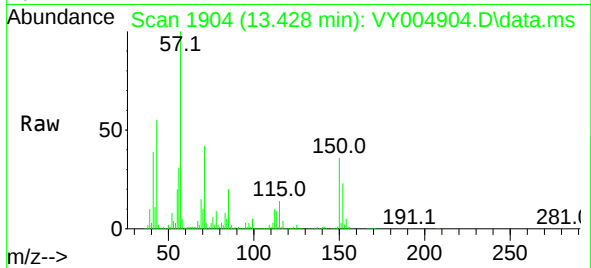




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

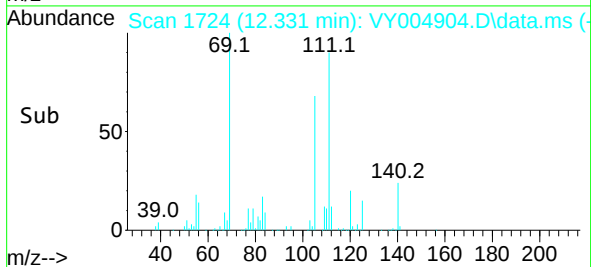
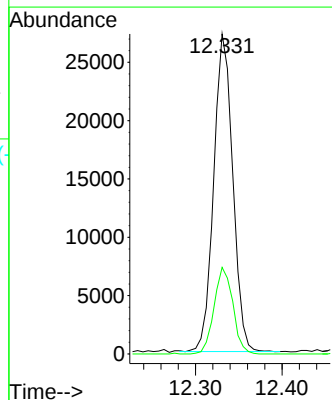
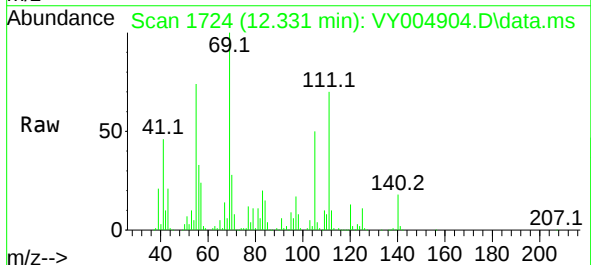
Instrument :
MSVOA_Y
ClientSampled :
GHOST-3

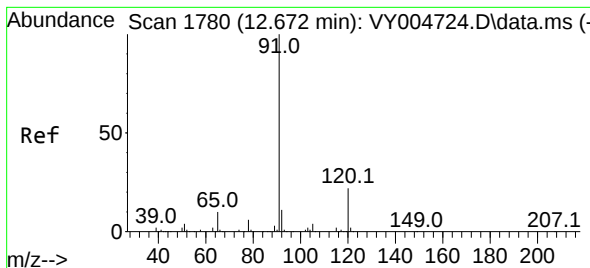
Tgt Ion:152 Resp: 217049
Ion Ratio Lower Upper
152 100
115 65.5 29.4 88.3
150 149.4 0.0 349.8



#73
Isopropylbenzene
Concen: 2.54 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

Tgt Ion:105 Resp: 41606
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

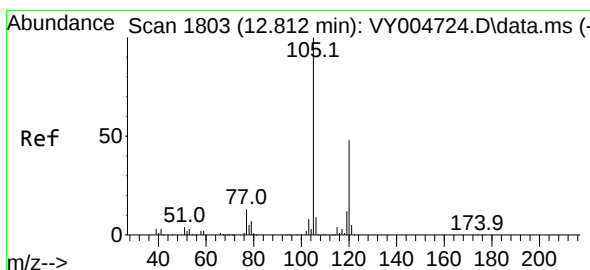
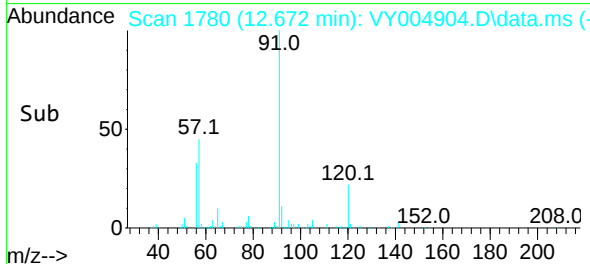
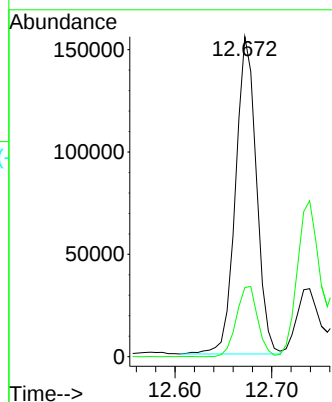
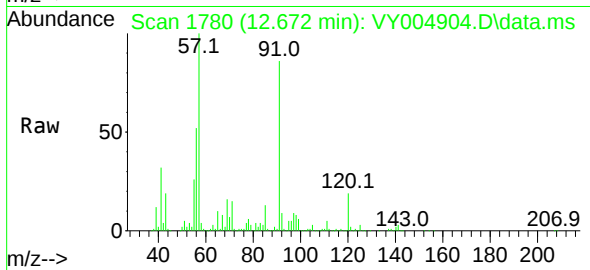




#78
n-propylbenzene
Concen: 11.63 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

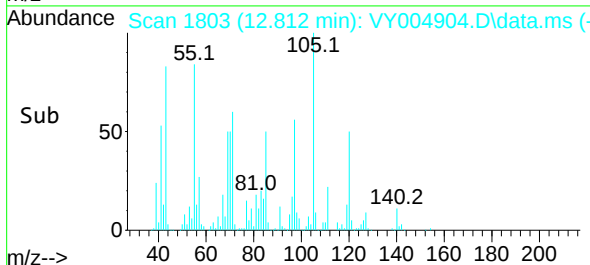
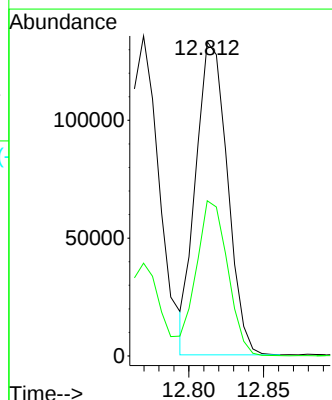
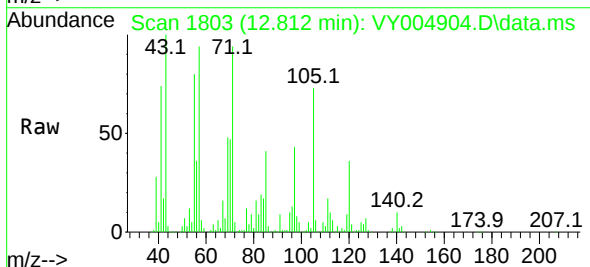
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

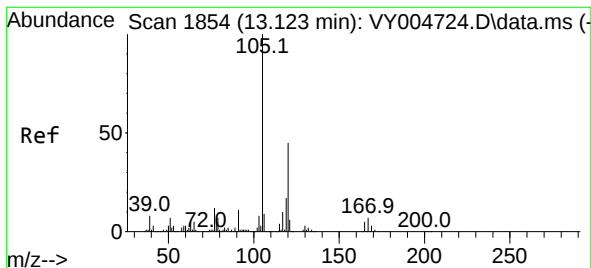
Tgt Ion: 91 Resp: 232397
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.3



#80
1,3,5-Trimethylbenzene
Concen: 14.33 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

Tgt Ion:105 Resp: 194891
Ion Ratio Lower Upper
105 100
120 50.7 24.0 72.0

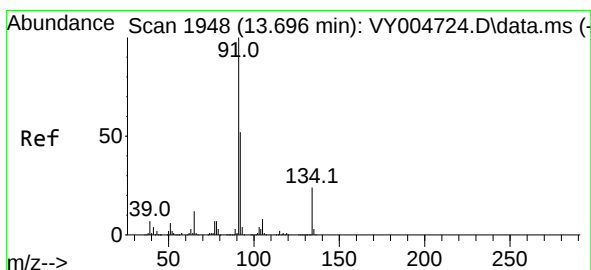
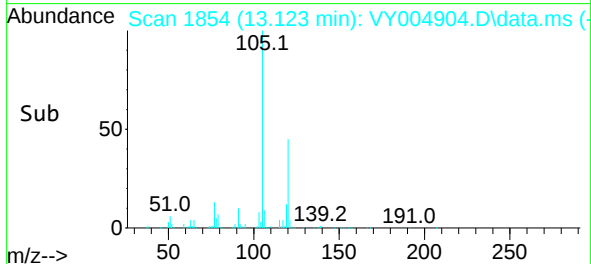
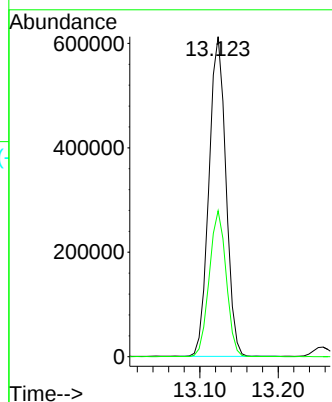
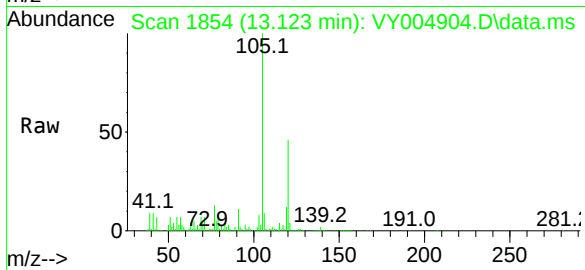




#84
1,2,4-Trimethylbenzene
Concen: 67.47 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

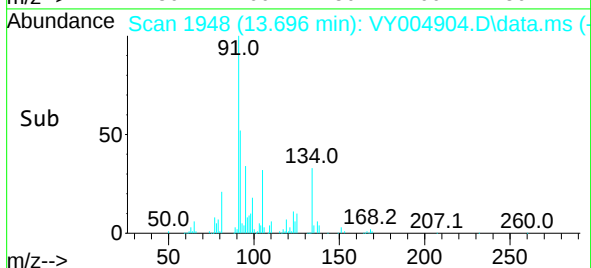
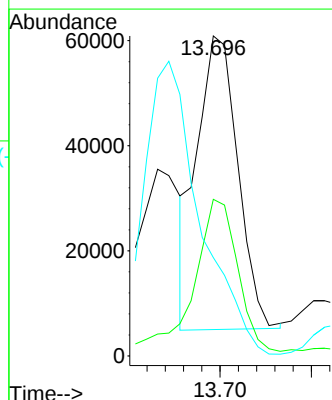
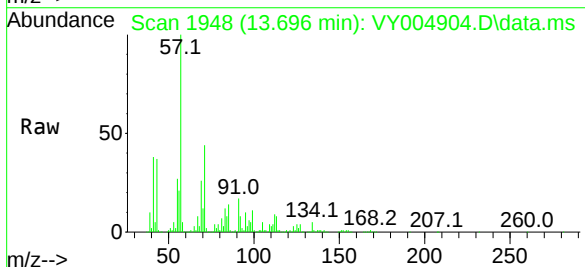
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

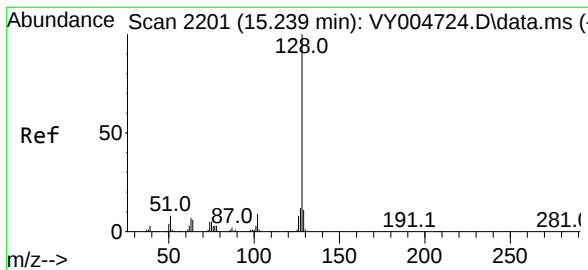
Tgt Ion:105 Resp: 918362
Ion Ratio Lower Upper
105 100
120 45.4 22.5 67.5



#89
n-Butylbenzene
Concen: 6.05 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

Tgt Ion: 91 Resp: 86557
Ion Ratio Lower Upper
91 100
92 54.9 26.4 79.0
134 0.0 12.6 37.6#





#95
Naphthalene
Concen: 55.59 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004904.D
Acq: 27 May 2021 16:33

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-3

Tgt Ion:128 Resp: 495769
Ion Ratio Lower Upper
128 100
127 85.8 10.2 15.2#
129 12.7 8.6 13.0

