

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005596.D
 Acq On : 10 Aug 2021 15:26
 Operator : SY/MD
 Sample : M3331-01
 Misc : 6.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BSY1-SB-10-1-2

Quant Time: Aug 11 03:37:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	209732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	332805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126668	59.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.320%
35) Dibromofluoromethane	7.728	113	103722	52.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.185	98	442097	53.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.340%
62) 4-Bromofluorobenzene	12.483	95	146825	53.826	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.660%

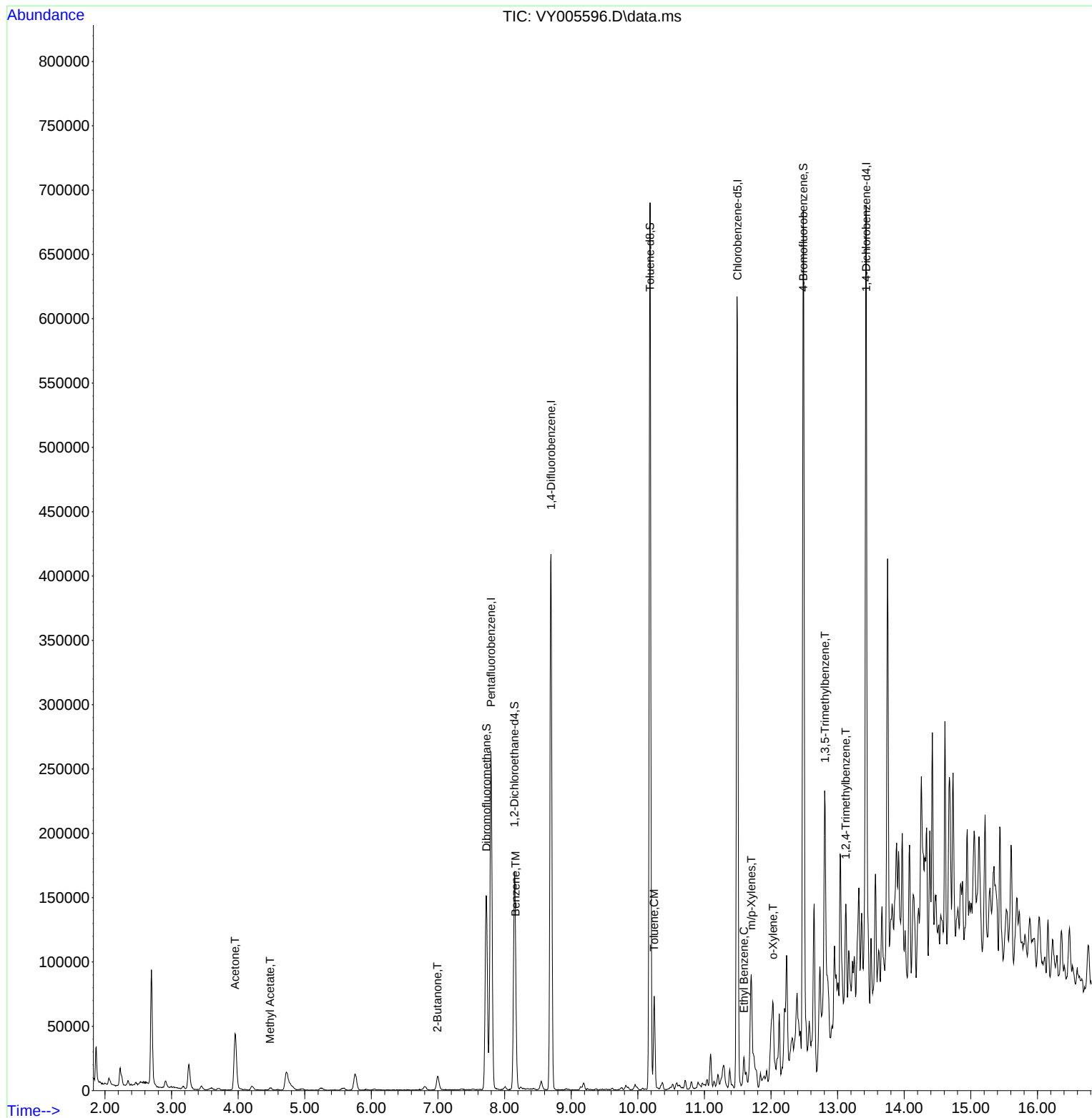
Target Compounds					Qvalue
16) Acetone	3.954	43	76944	143.750	ug/l 100
18) Methyl Acetate	4.479	43	3280	2.343	ug/l 100
25) 2-Butanone	6.990	43	18694	23.627	ug/l # 88
40) Benzene	8.167	78	29298	3.109	ug/l 95
52) Toluene	10.246	92	28657	4.770	ug/l 99
67) Ethyl Benzene	11.593	91	13874	1.142	ug/l 98
68) m/p-Xylenes	11.703	106	23612	5.006	ug/l 100
69) o-Xylene	12.032	106	12980	2.863	ug/l 98
80) 1,3,5-Trimethylbenzene	12.812	105	23763	2.703	ug/l 98
84) 1,2,4-Trimethylbenzene	13.123	105	38120	4.394	ug/l 99

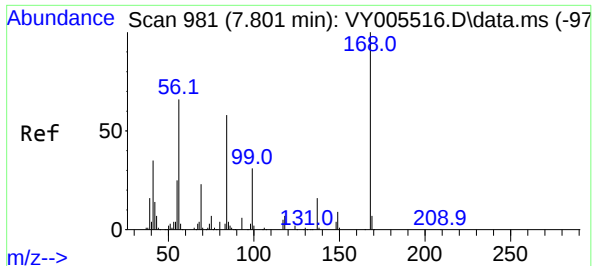
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
BSY1-SB-10-1-2

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

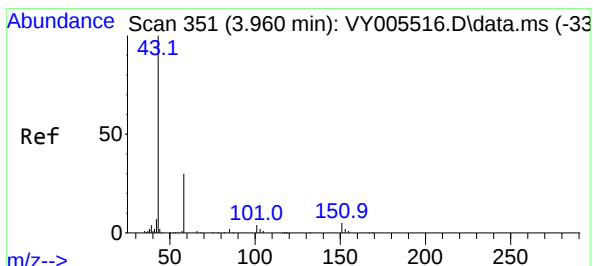
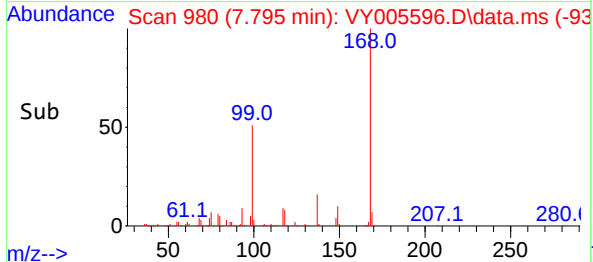
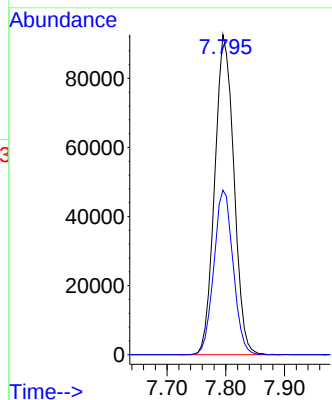
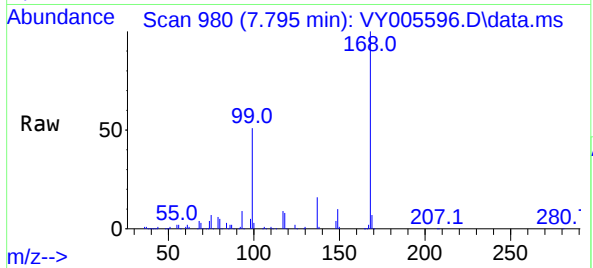




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

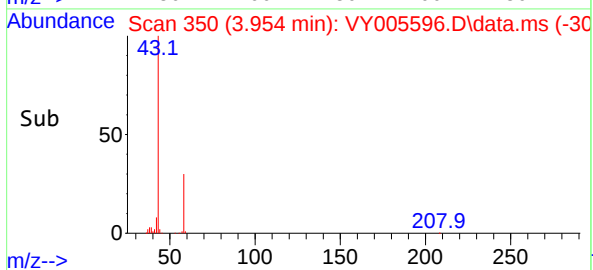
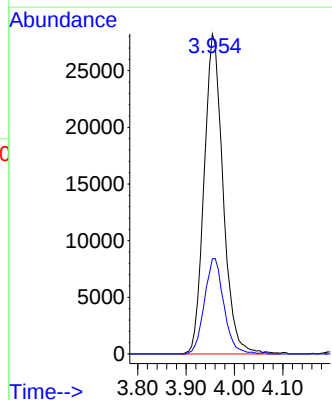
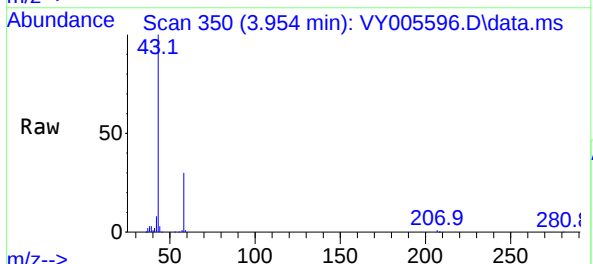
Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-10-1-2

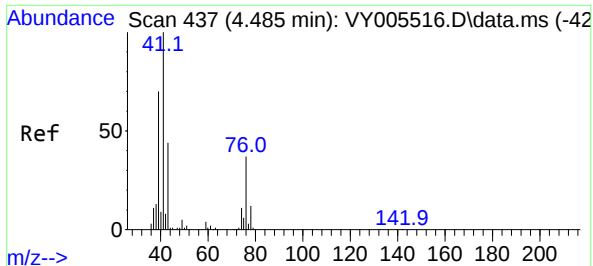
Tgt Ion:168 Resp: 209732
Ion Ratio Lower Upper
168 100
99 51.4 38.9 58.3



#16
Acetone
Concen: 143.750 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Tgt Ion: 43 Resp: 76944
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6

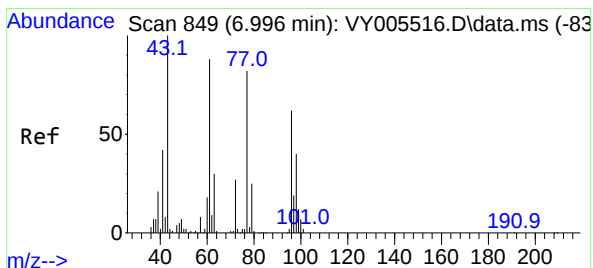
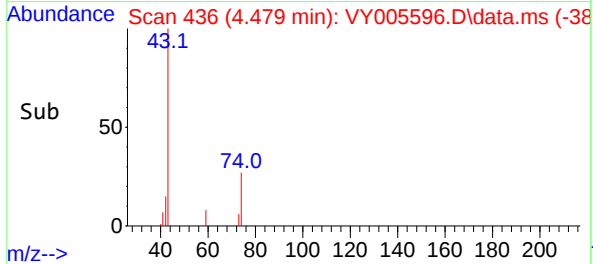
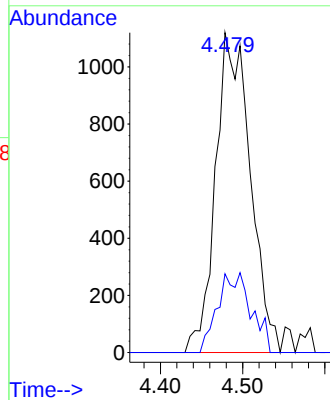
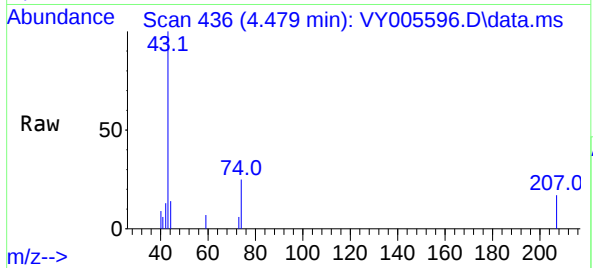




#18
Methyl Acetate
Concen: 2.343 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

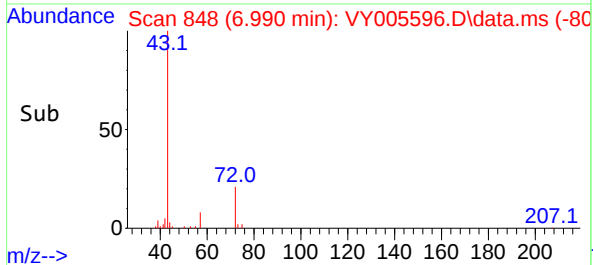
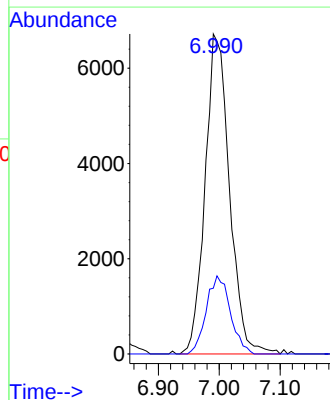
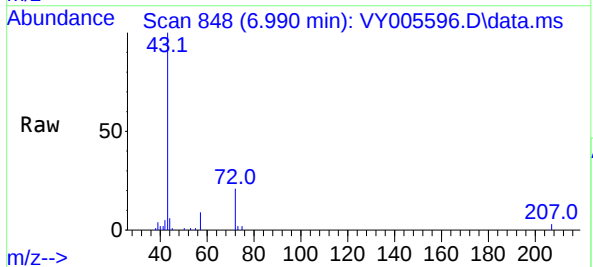
Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-10-1-2

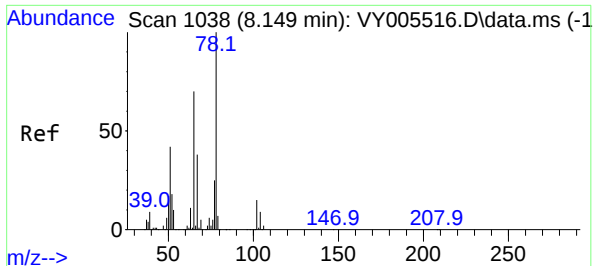
Tgt Ion: 43 Resp: 3280
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.6



#25
2-Butanone
Concen: 23.627 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Tgt Ion: 43 Resp: 18694
Ion Ratio Lower Upper
43 100
72 20.5 21.4 32.2#

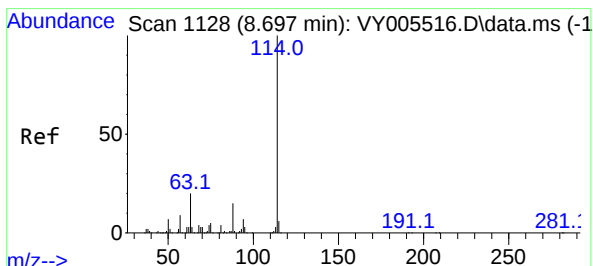
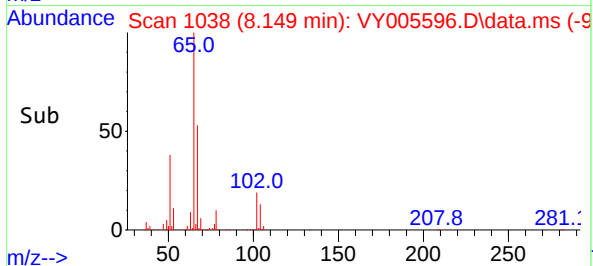
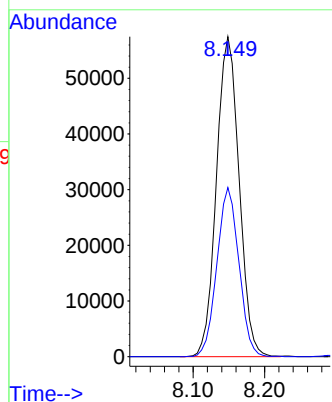
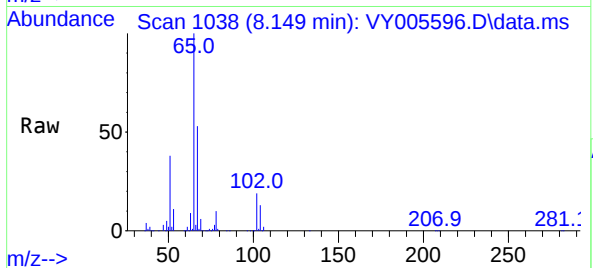




#33
1,2-Dichloroethane-d4
Concen: 59.664 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

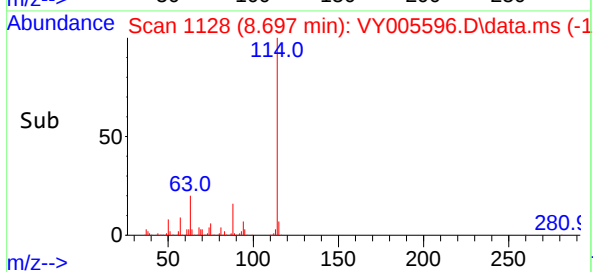
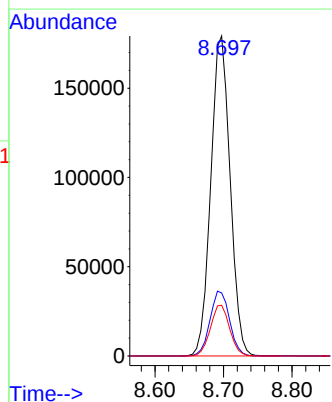
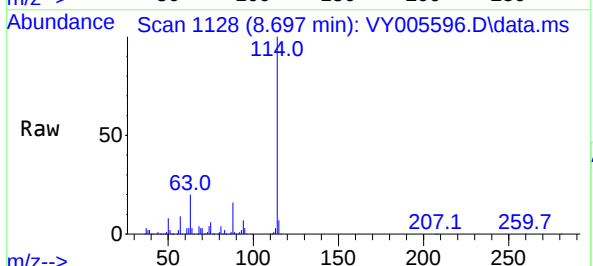
Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-10-1-2

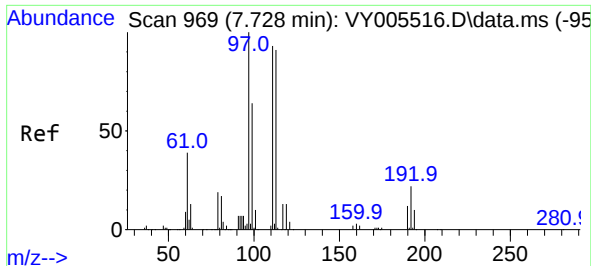
Tgt Ion: 65 Resp: 126668
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Tgt Ion: 114 Resp: 350811
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.8 0.0 30.8

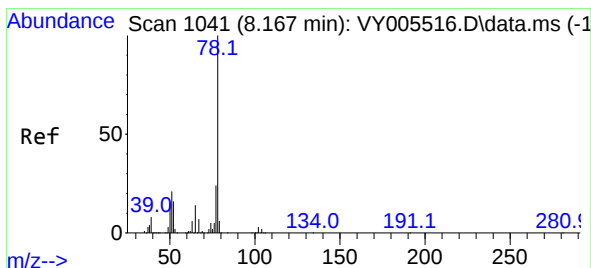
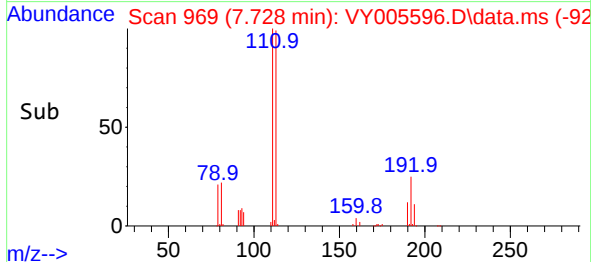
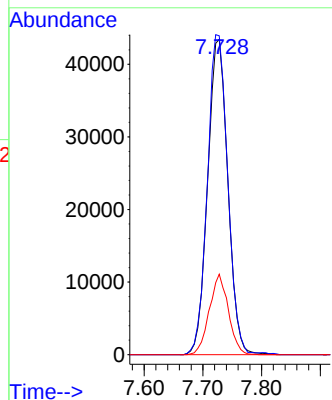
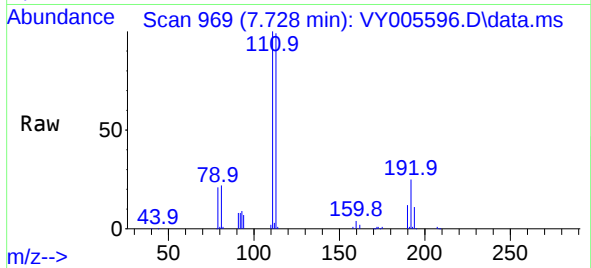




#35
Dibromofluoromethane
Concen: 52.809 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

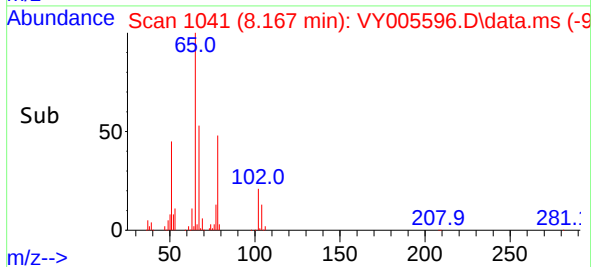
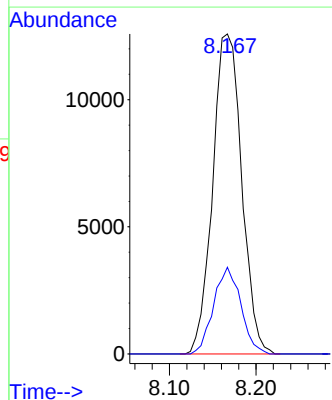
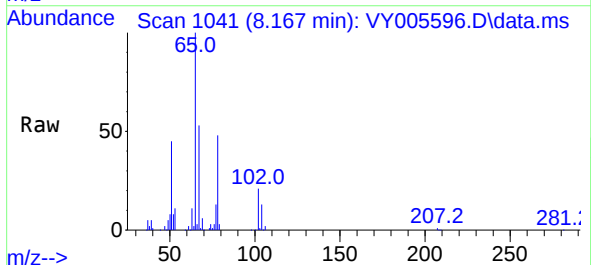
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ClientSampleId :
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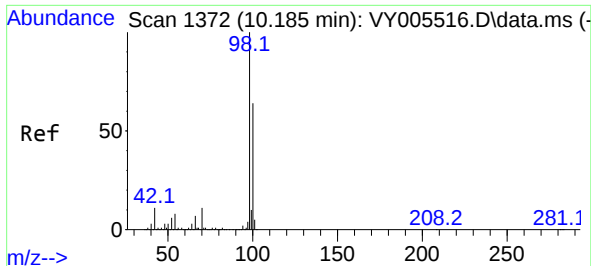
Tgt Ion:113 Resp: 103722
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 24.1 19.2 28.8



#40
Benzene
Concen: 3.109 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Tgt Ion: 78 Resp: 29298
Ion Ratio Lower Upper
78 100
77 27.1 19.6 29.4

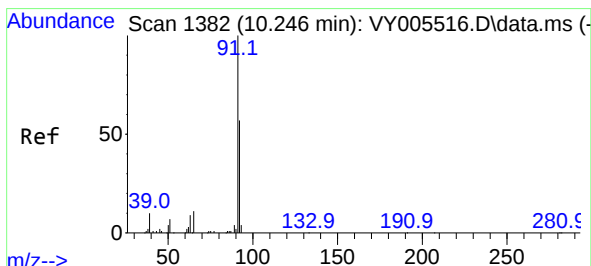
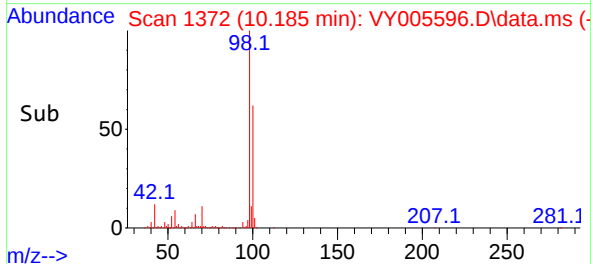
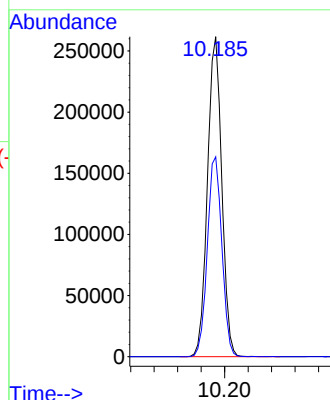
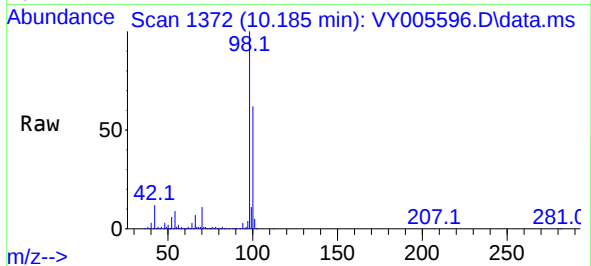




#50
Toluene-d8
Concen: 53.670 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

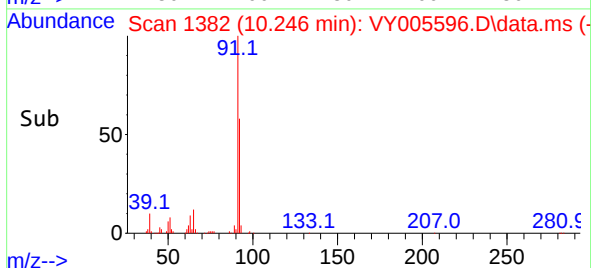
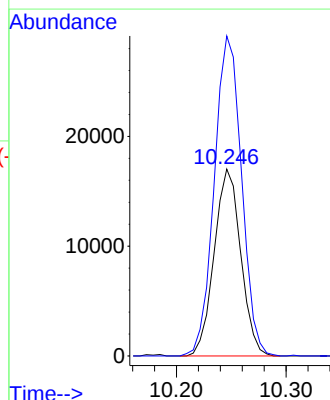
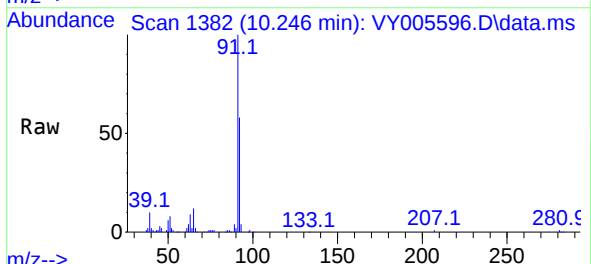
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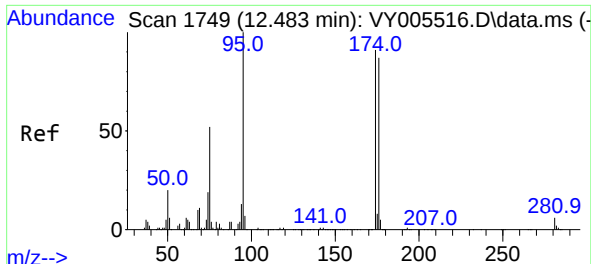
Tgt Ion: 98 Resp: 442097
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#52
Toluene
Concen: 4.770 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Tgt Ion: 92 Resp: 28657
Ion Ratio Lower Upper
92 100
91 176.0 139.6 209.4

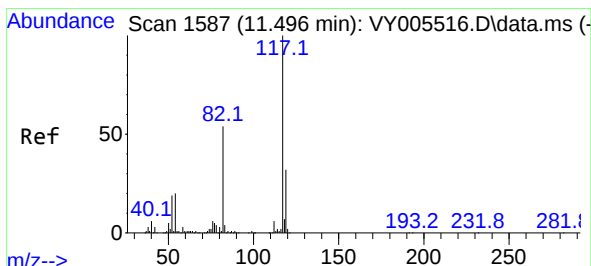
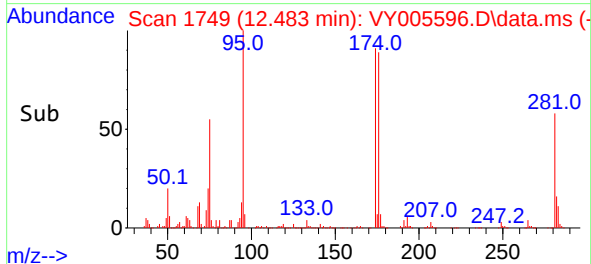
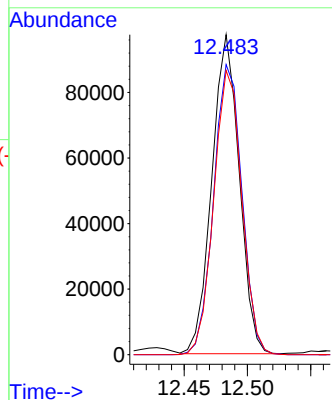
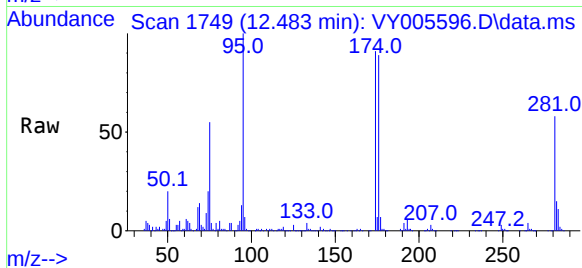




#62
4-Bromofluorobenzene
Concen: 53.826 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

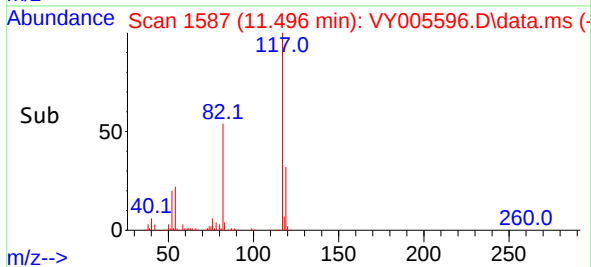
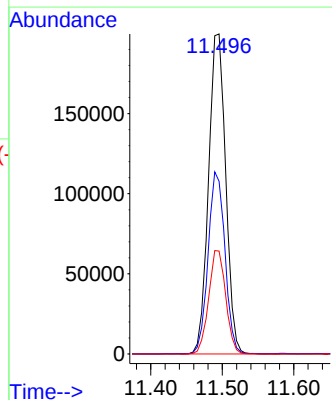
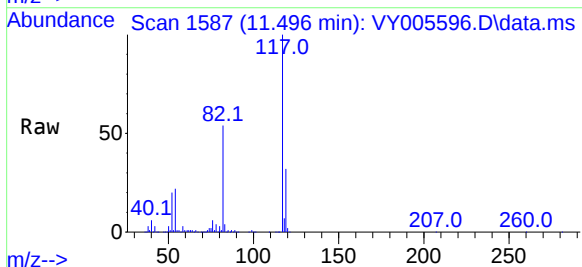
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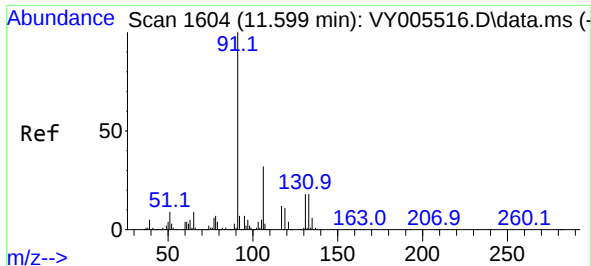
Tgt Ion: 95 Resp: 146825
Ion Ratio Lower Upper
95 100
174 93.5 0.0 191.4
176 91.0 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Tgt Ion: 117 Resp: 332805
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 32.1 25.5 38.3

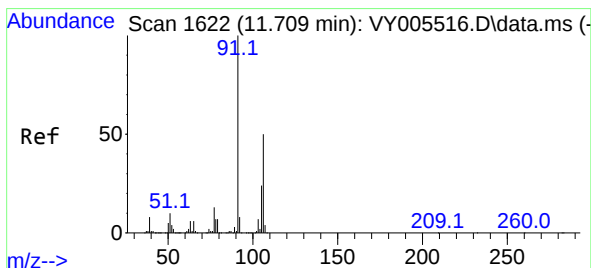
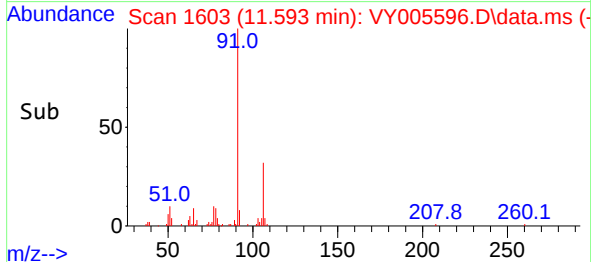
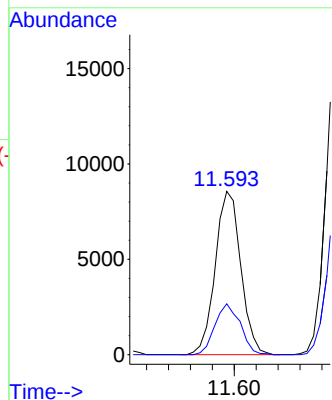
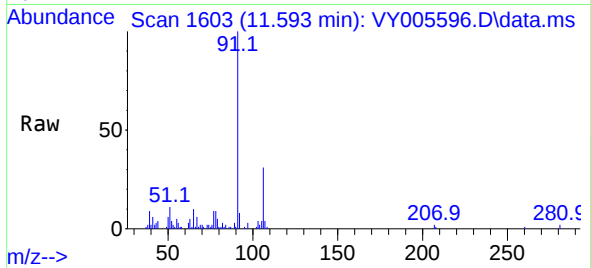




#67
Ethyl Benzene
Concen: 1.142 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

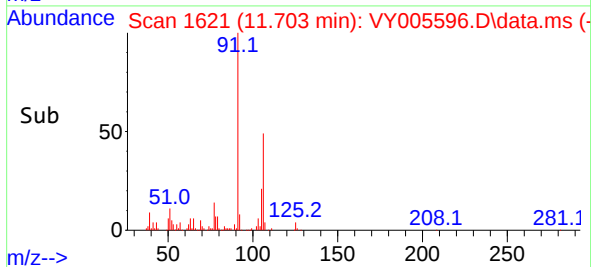
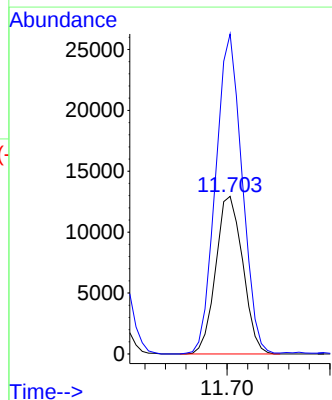
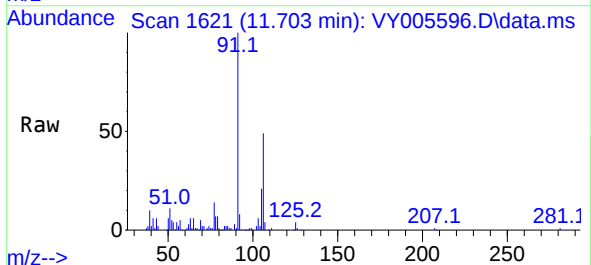
Instrument :
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BSY1-SB-10-1-2

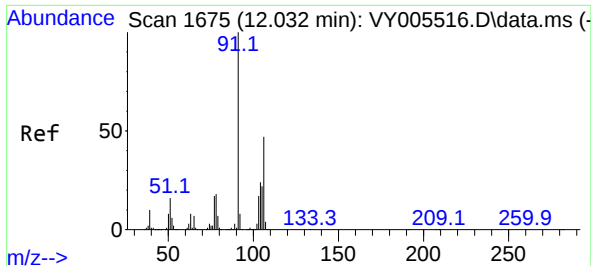
Tgt Ion: 91 Resp: 13874
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.6



#68
m/p-Xylenes
Concen: 5.006 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Tgt Ion:106 Resp: 23612
Ion Ratio Lower Upper
106 100
91 199.3 159.6 239.4

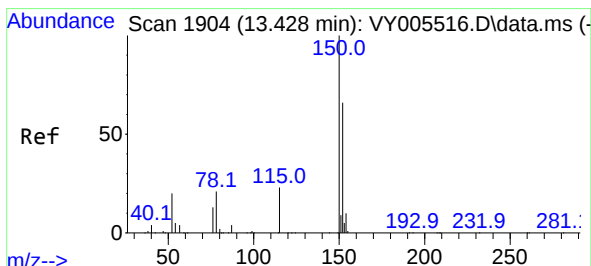
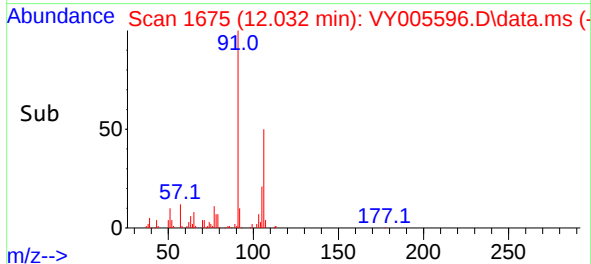
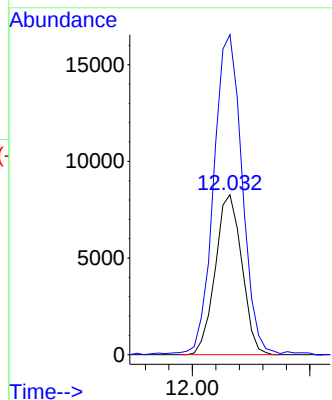
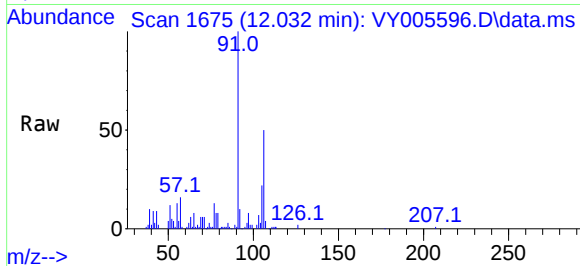




#69
o-Xylene
Concen: 2.863 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

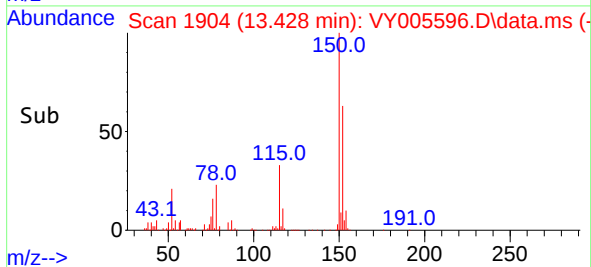
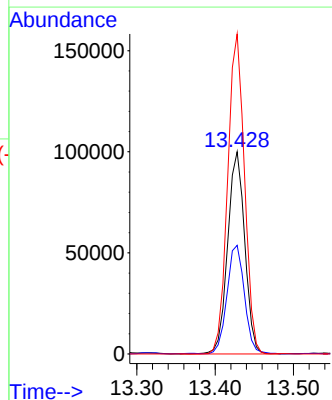
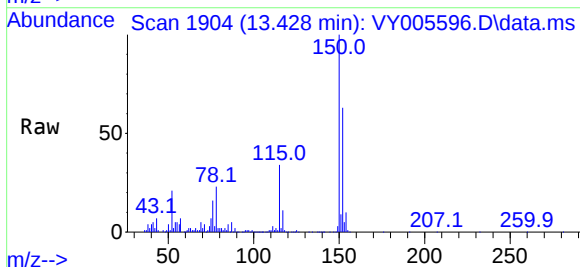
Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-10-1-2

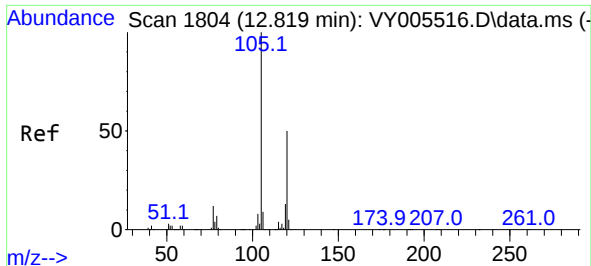
Tgt Ion:106 Resp: 12980
Ion Ratio Lower Upper
106 100
91 214.8 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Tgt Ion:152 Resp: 151781
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 155.5 0.0 350.2

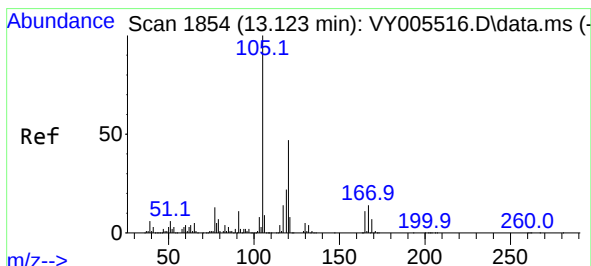
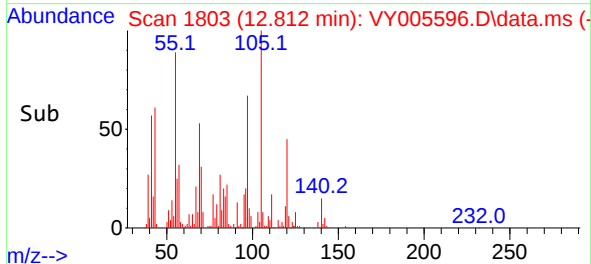
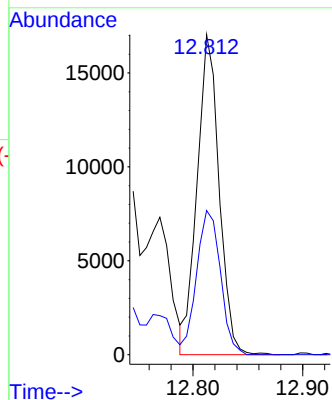
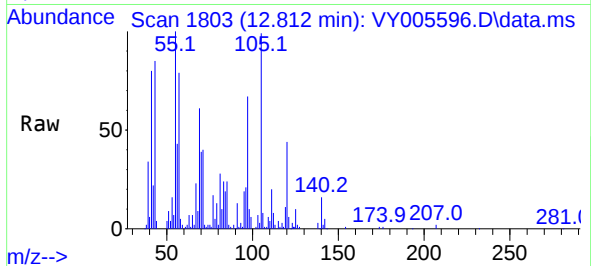




#80
1,3,5-Trimethylbenzene
Concen: 2.703 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-10-1-2

Tgt Ion:105 Resp: 23763
Ion Ratio Lower Upper
105 100
120 48.8 25.0 75.0



#84
1,2,4-Trimethylbenzene
Concen: 4.394 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005596.D
Acq: 10 Aug 2021 15:26

Tgt Ion:105 Resp: 38120
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.5

