

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005748.D
 Acq On : 18 Aug 2021 18:27
 Operator : SY/MD
 Sample : M3414-04
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-3B

Quant Time: Aug 19 05:18:49 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)

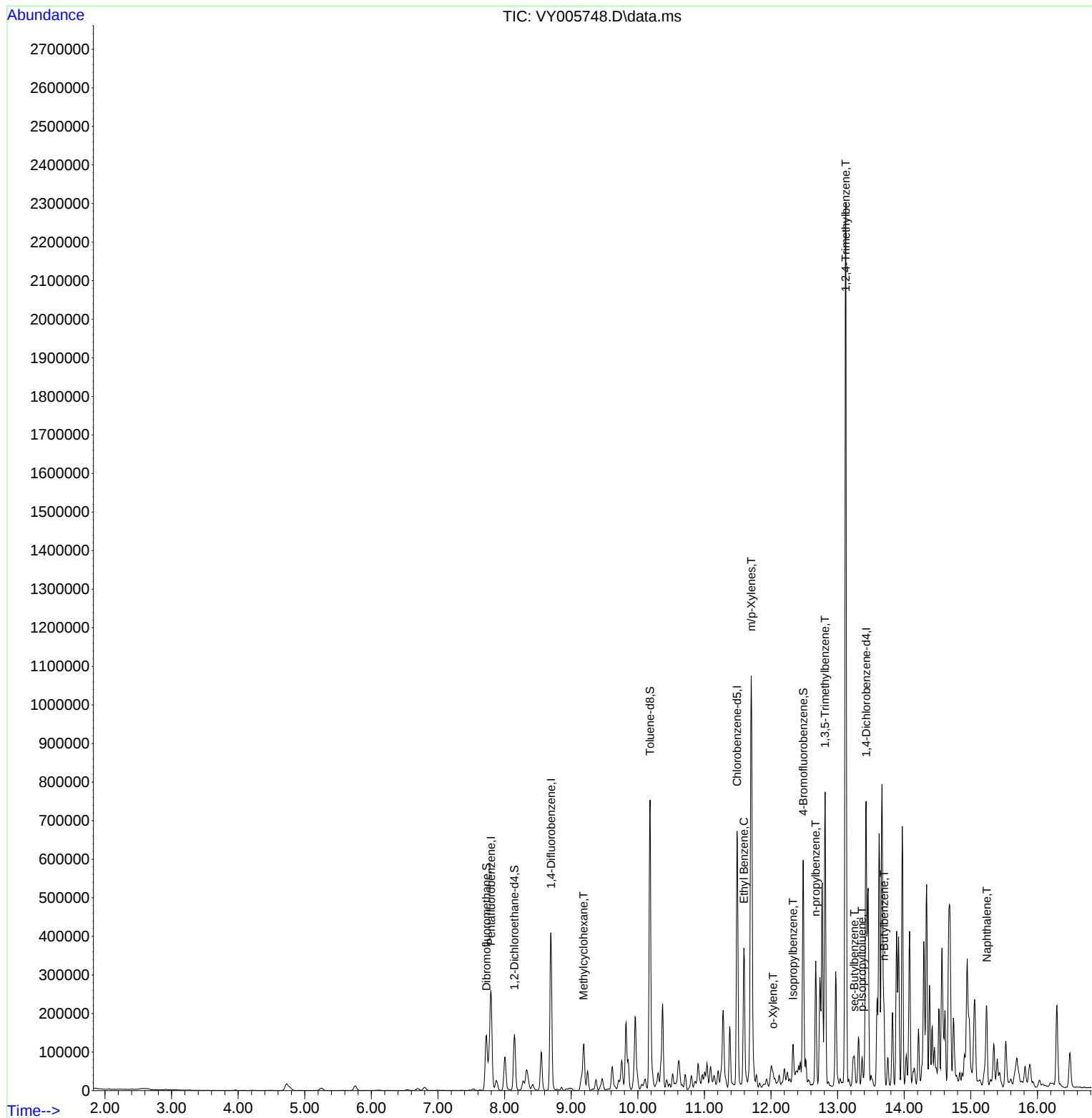
Internal Standards						
1) Pentafluorobenzene	7.795	168	189472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	347622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	117819	61.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.860%	
35) Dibromofluoromethane	7.728	113	96083	52.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.780%	
50) Toluene-d8	10.185	98	431558	56.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.220%	
62) 4-Bromofluorobenzene	12.483	95	158195	62.112	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 124.220%	
Target Compounds						Qvalue
39) Methylcyclohexane	9.185	83	40136	10.269	ug/l	92
67) Ethyl Benzene	11.593	91	220496	17.383	ug/l	98
68) m/p-Xylenes	11.703	106	294391	59.753	ug/l	97
69) o-Xylene	12.032	106	4755	1.004	ug/l	99
73) Isopropylbenzene	12.331	105	63967	4.893	ug/l	98
78) n-propylbenzene	12.672	91	227867	14.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	348187	32.090	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1195645	111.676	ug/l	99
85) sec-Butylbenzene	13.251	105	41469	2.953	ug/l #	50
86) p-Isopropyltoluene	13.367	119	28221	2.341	ug/l	98
89) n-Butylbenzene	13.696	91	96824	8.864	ug/l #	75
95) Naphthalene	15.239	128	149516	19.944	ug/l	99

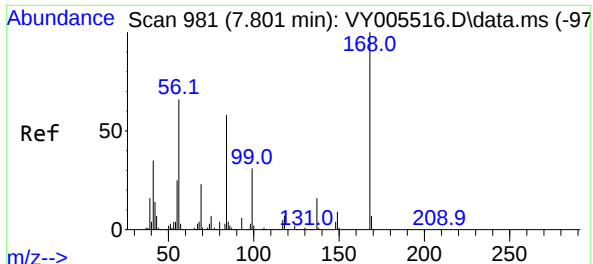
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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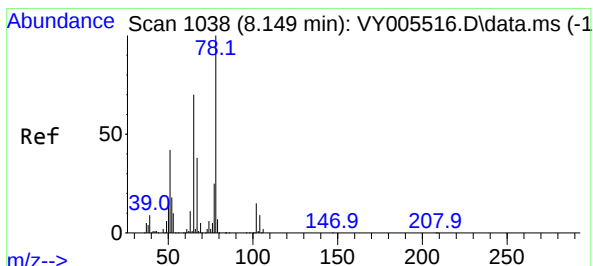
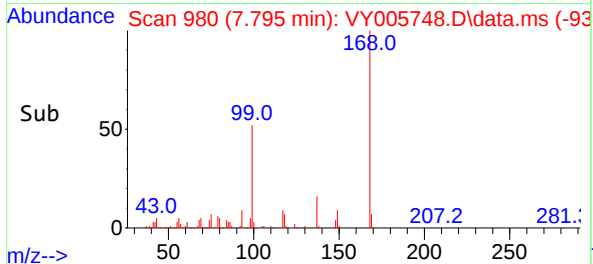
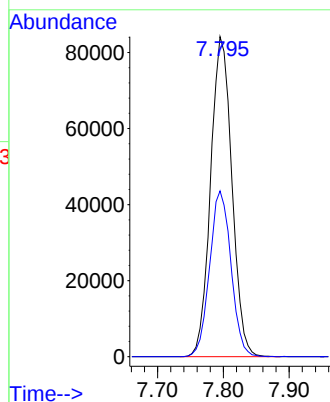
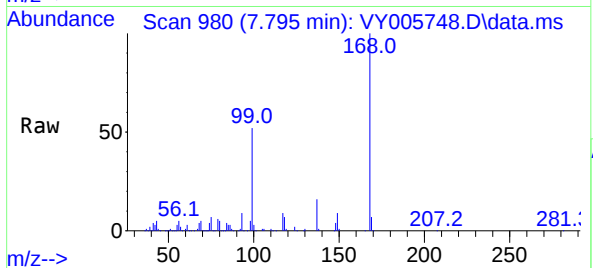




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

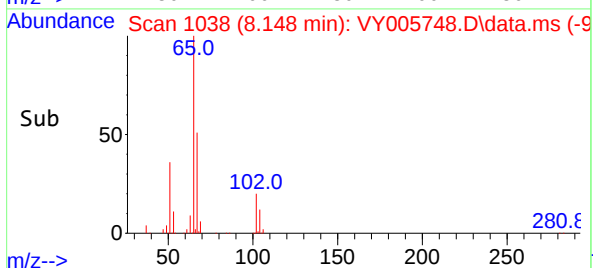
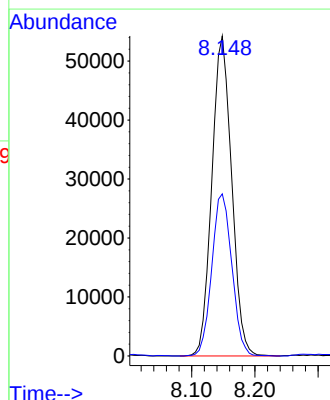
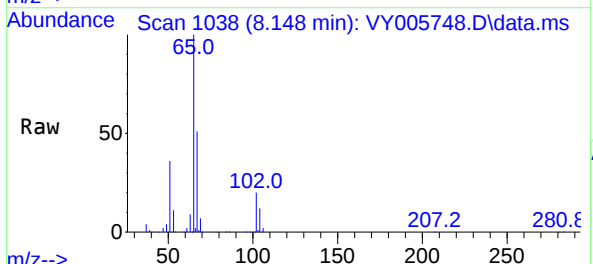
Instrument :
MSVOA_Y
ClientSampled :
B-3B

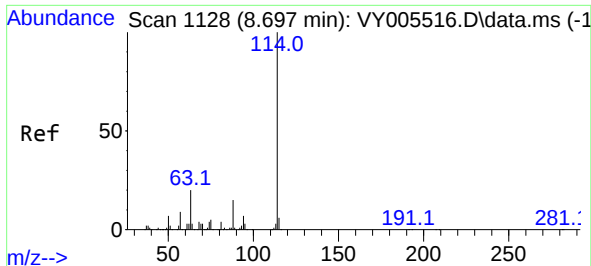
Tgt Ion:168 Resp: 189472
Ion Ratio Lower Upper
168 100
99 51.8 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 61.430 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion: 65 Resp: 117819
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

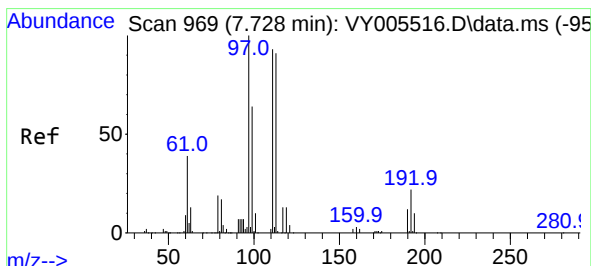
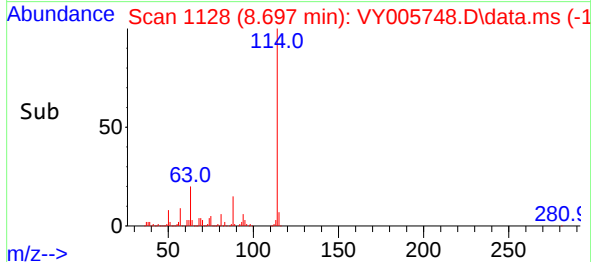
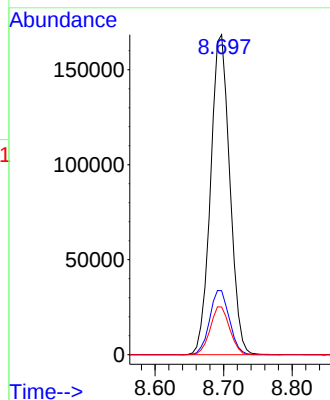
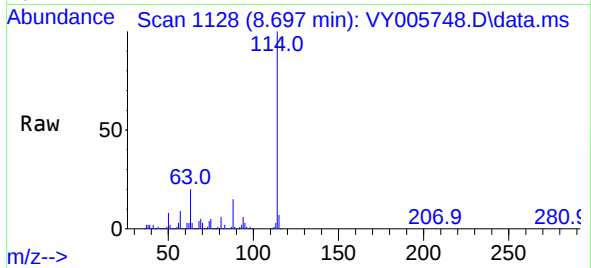




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

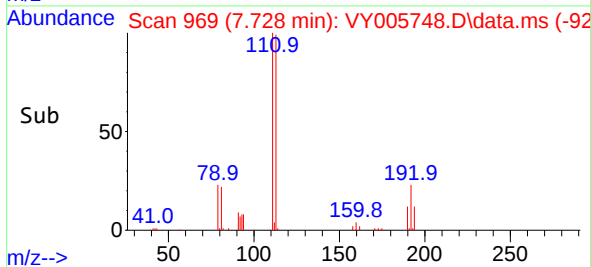
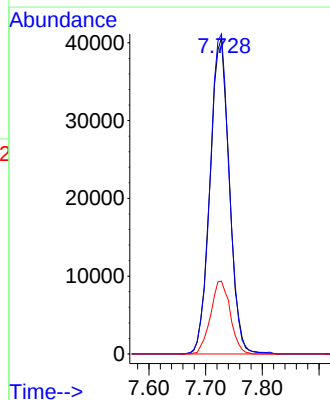
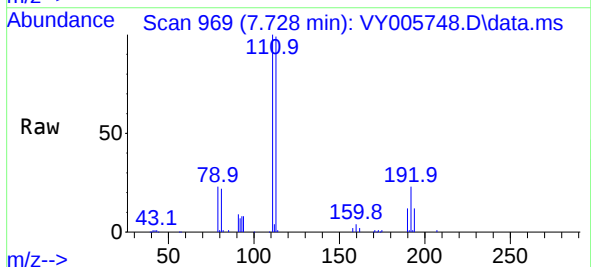
Instrument :
MSVOA_Y
ClientSampled :
B-3B

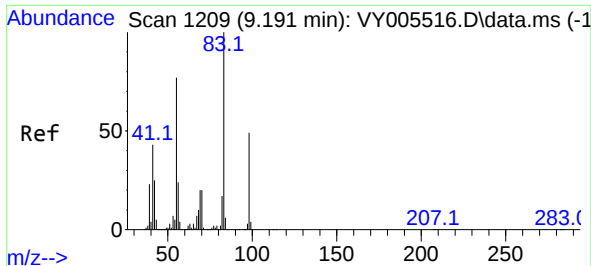
Tgt Ion:	114	Resp:	327554
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.2
88	14.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.393 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion:	113	Resp:	96083
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.9	122.9
192	23.5	19.2	28.8

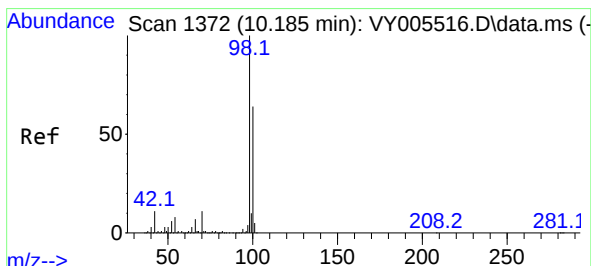
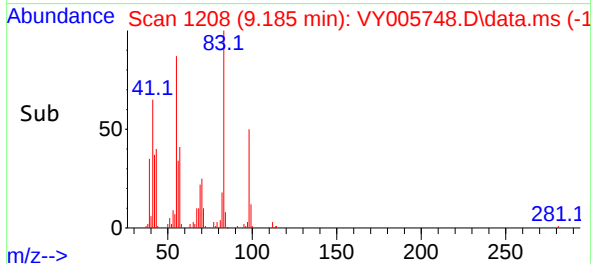
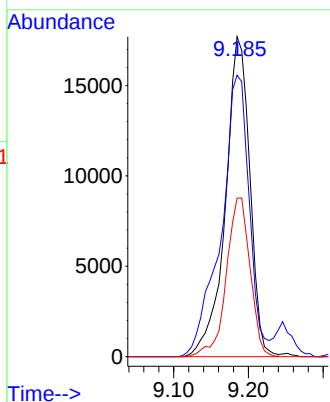
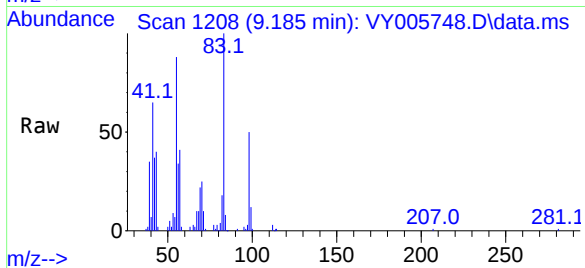




#39
Methylcyclohexane
Concen: 10.269 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

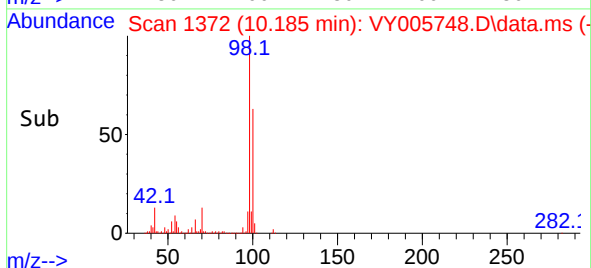
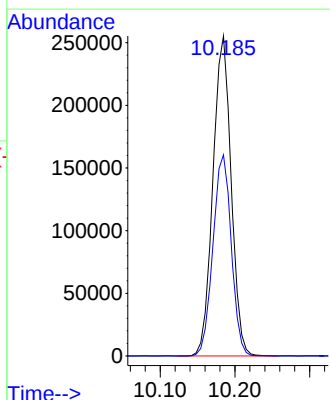
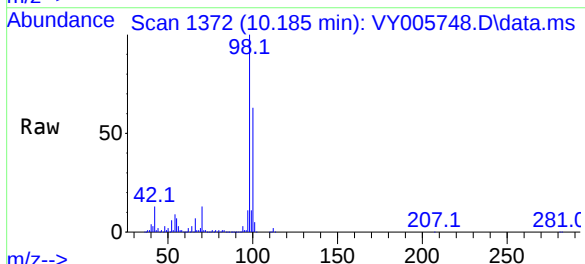
Instrument :
MSVOA_Y
ClientSampled :
B-3B

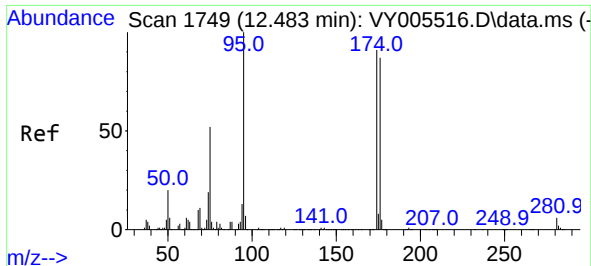
Tgt Ion: 83 Resp: 40136
Ion Ratio Lower Upper
83 100
55 88.0 61.7 92.5
98 49.6 38.9 58.3



#50
Toluene-d8
Concen: 56.110 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion: 98 Resp: 431558
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9

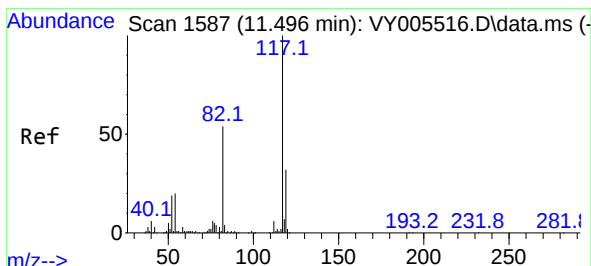
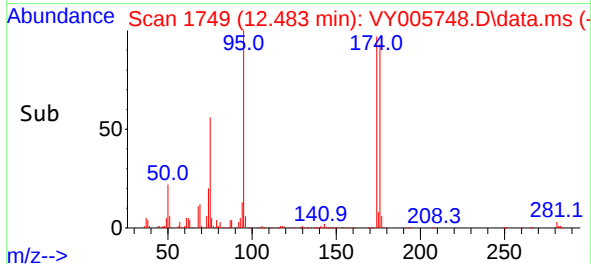
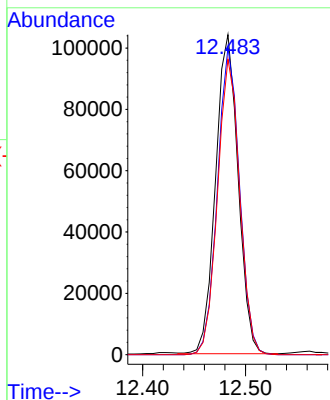
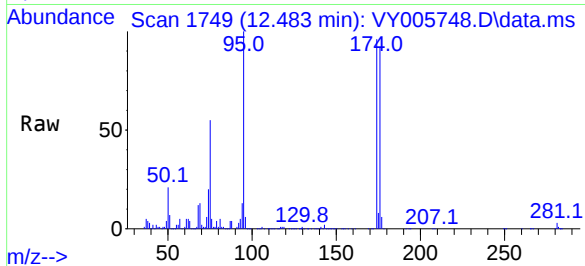




#62
4-Bromofluorobenzene
Concen: 62.112 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

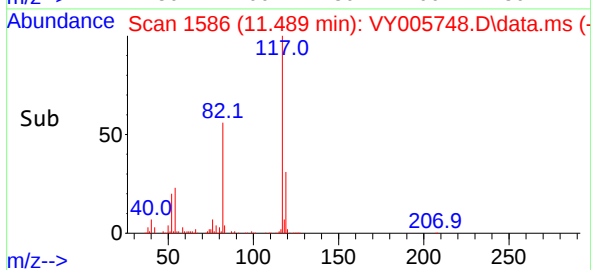
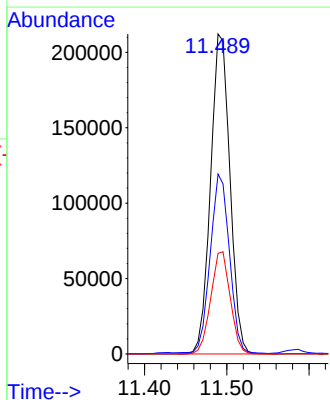
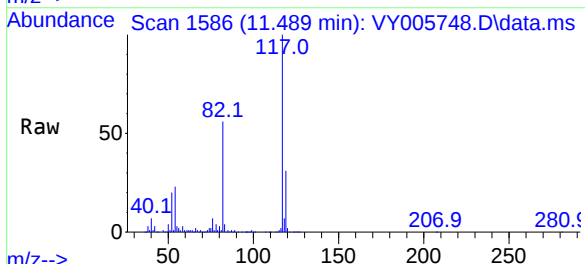
Instrument :
MSVOA_Y
ClientSampled :
B-3B

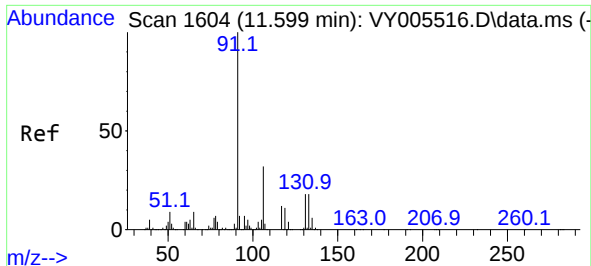
Tgt Ion:	95	Resp:	158195
Ion Ratio	Lower	Upper	
95	100		
174	94.1	0.0	191.4
176	91.1	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion:	117	Resp:	347622
Ion Ratio	Lower	Upper	
117	100		
82	55.9	43.5	65.3
119	31.5	25.5	38.3

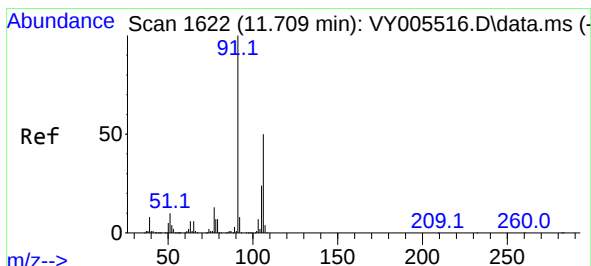
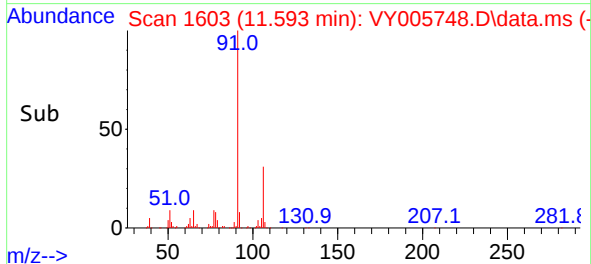
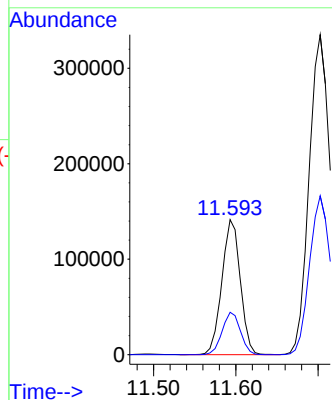
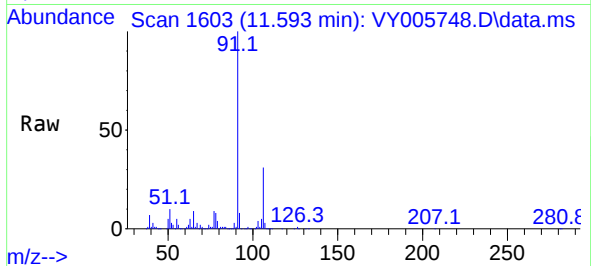




#67
Ethyl Benzene
Concen: 17.383 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

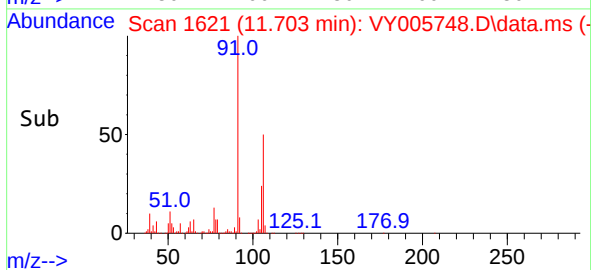
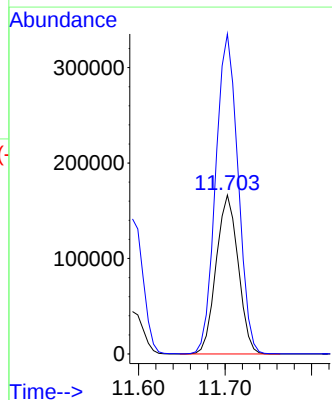
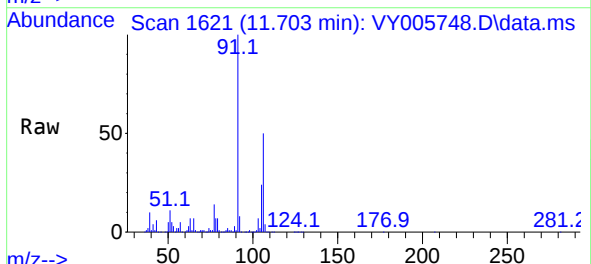
Instrument :
MSVOA_Y
ClientSampled :
B-3B

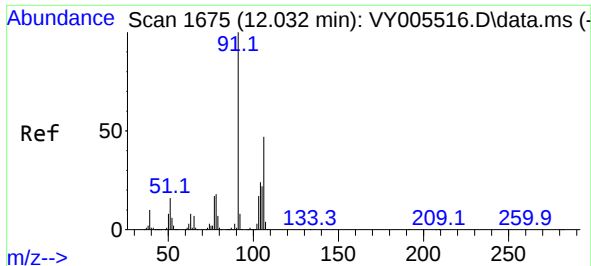
Tgt Ion: 91 Resp: 220496
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.6



#68
m/p-Xylenes
Concen: 59.753 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion:106 Resp: 294391
Ion Ratio Lower Upper
106 100
91 203.9 159.6 239.4

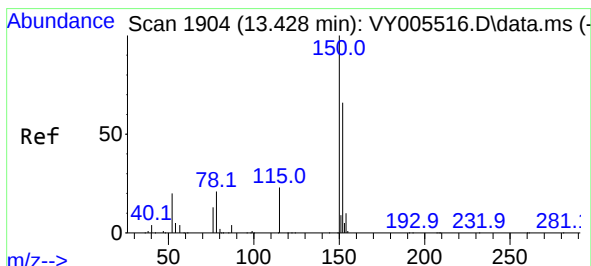
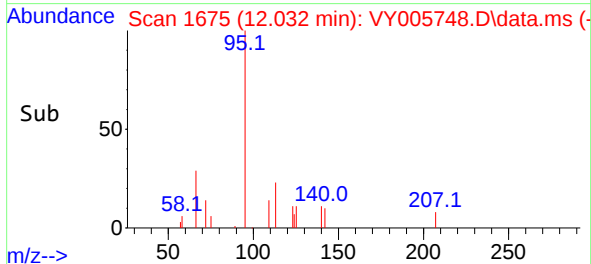
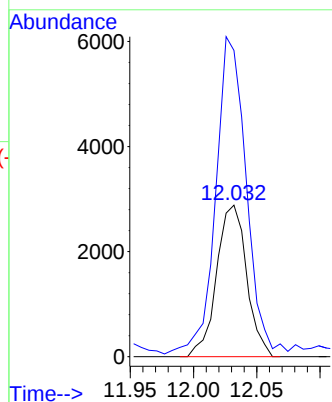
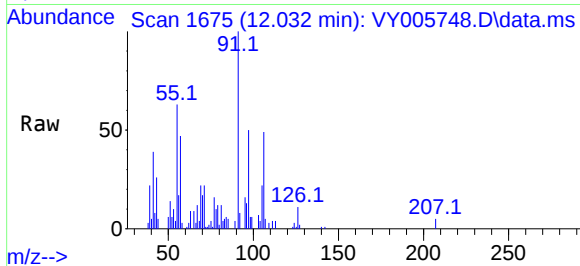




#69
o-Xylene
Concen: 1.004 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

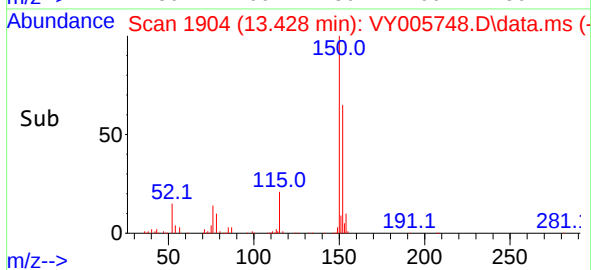
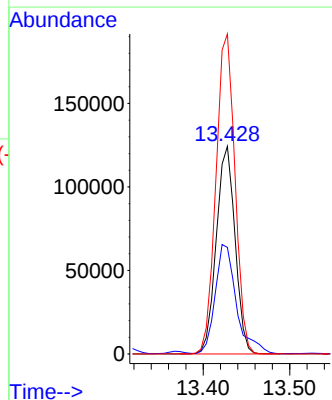
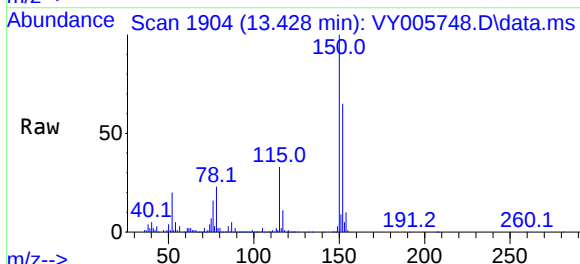
Instrument :
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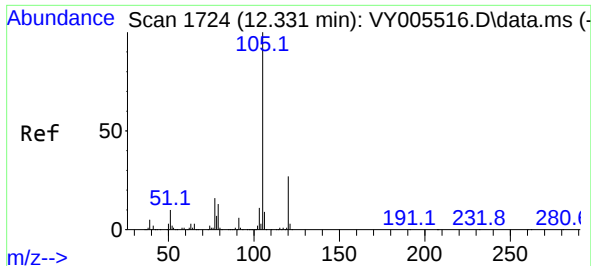
Tgt Ion:106 Resp: 4755
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion:152 Resp: 187305
Ion Ratio Lower Upper
152 100
115 59.4 27.3 81.9
150 156.1 0.0 350.2

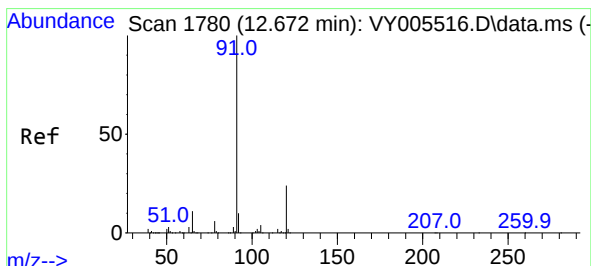
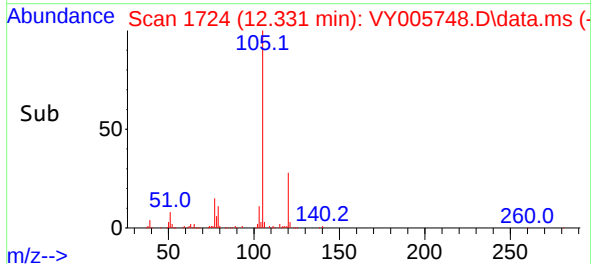
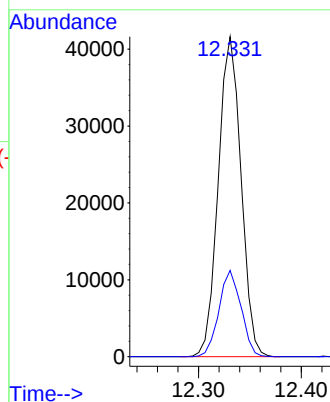
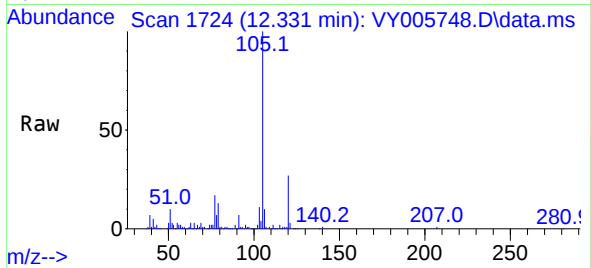




#73
Isopropylbenzene
Concen: 4.893 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

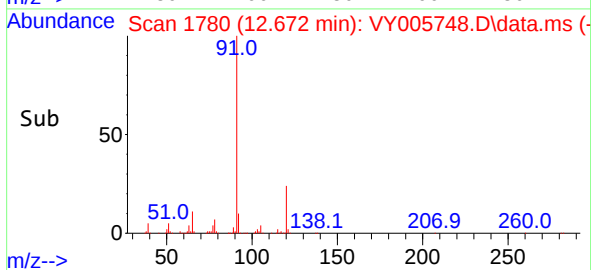
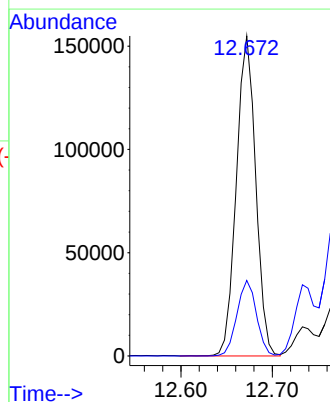
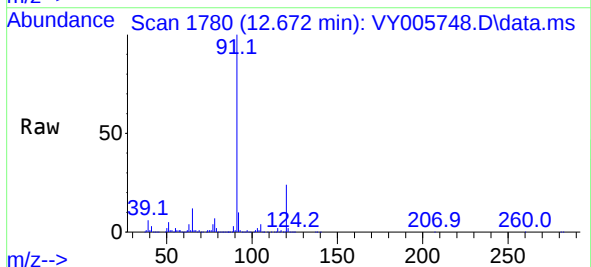
Instrument :
MSVOA_Y
ClientSampled :
B-3B

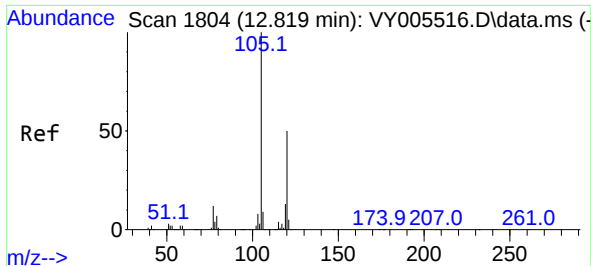
Tgt Ion:105 Resp: 63967
Ion Ratio Lower Upper
105 100
120 26.2 13.7 41.1



#78
n-propylbenzene
Concen: 14.674 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion: 91 Resp: 227867
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.9

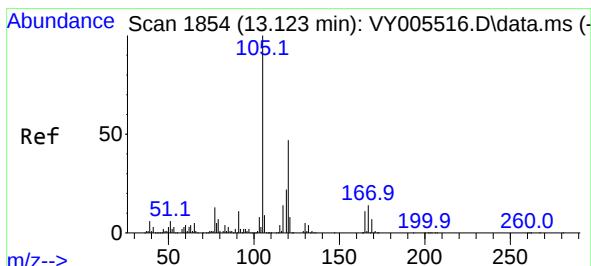
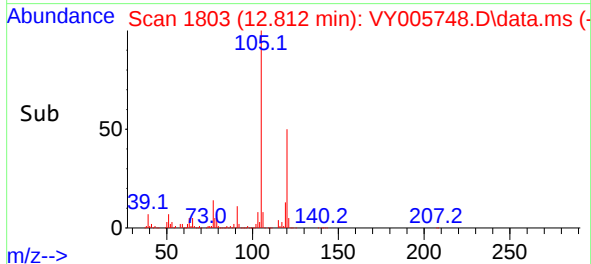
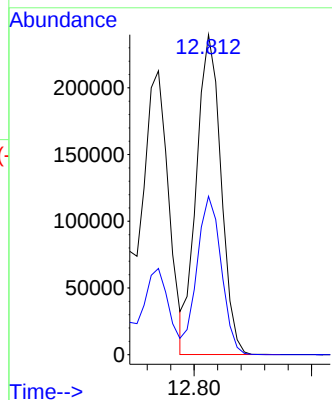
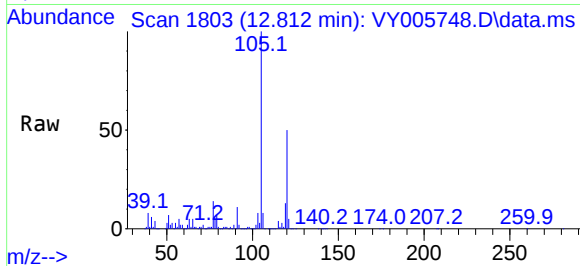




#80
1,3,5-Trimethylbenzene
Concen: 32.090 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

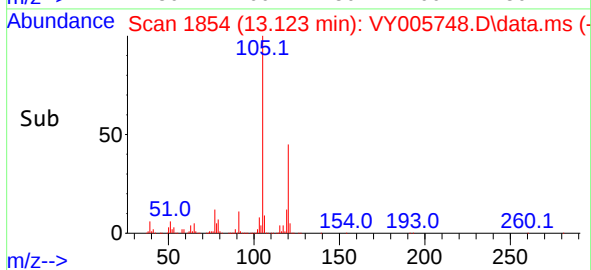
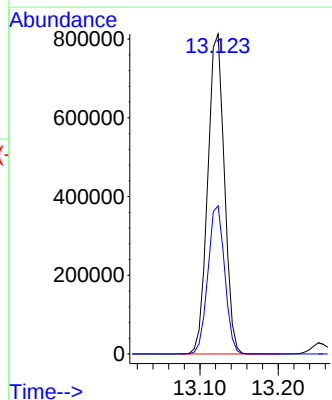
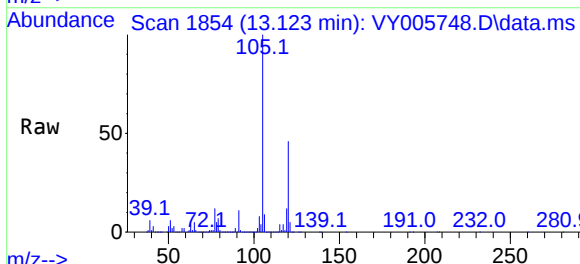
Instrument :
MSVOA_Y
ClientSampled :
B-3B

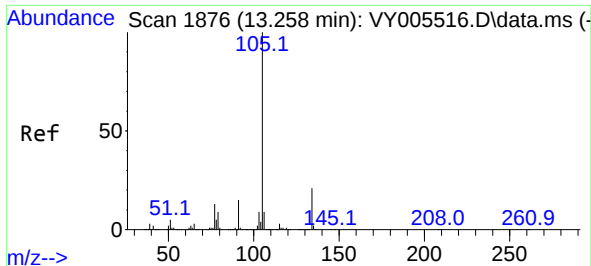
Tgt Ion:105 Resp: 348187
Ion Ratio Lower Upper
105 100
120 49.2 25.0 75.0



#84
1,2,4-Trimethylbenzene
Concen: 111.676 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion:105 Resp: 1195645
Ion Ratio Lower Upper
105 100
120 46.7 22.9 68.5

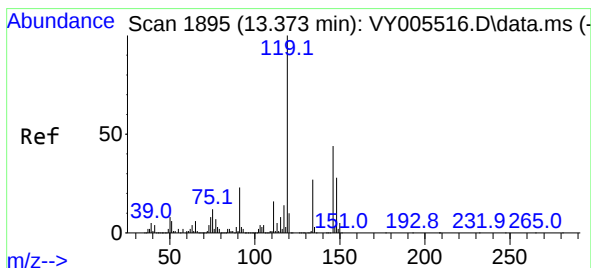
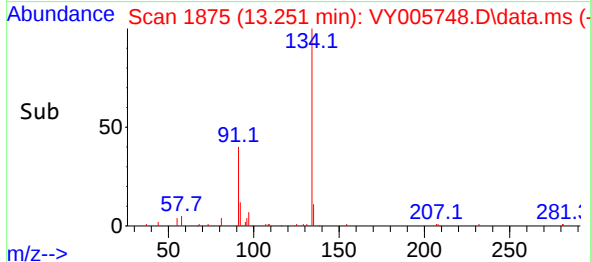
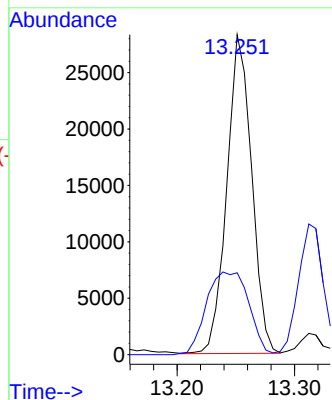
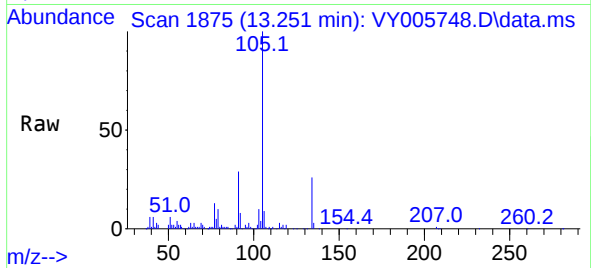




#85
sec-Butylbenzene
Concen: 2.953 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

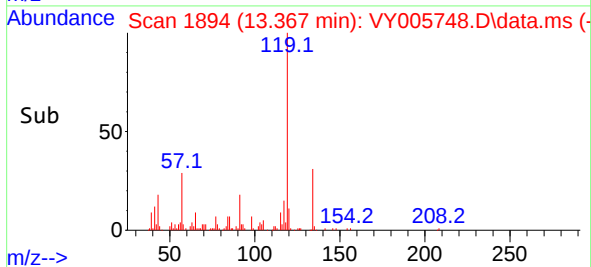
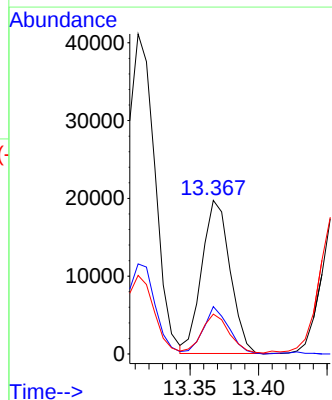
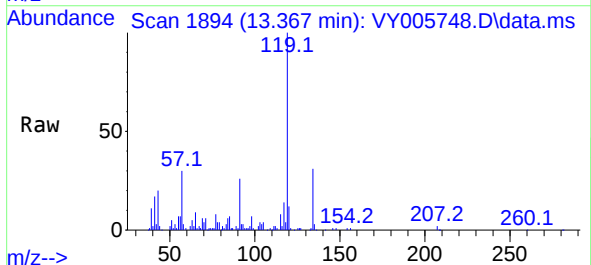
Instrument :
MSVOA_Y
ClientSampled :
B-3B

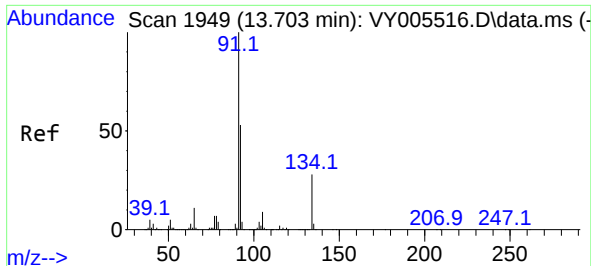
Tgt Ion:105 Resp: 41469
Ion Ratio Lower Upper
105 100
134 44.2 10.5 31.5#



#86
p-Isopropyltoluene
Concen: 2.341 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion:119 Resp: 28221
Ion Ratio Lower Upper
119 100
134 28.0 13.6 40.7
91 24.3 11.6 34.7

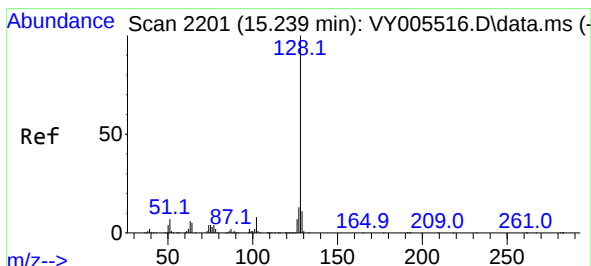
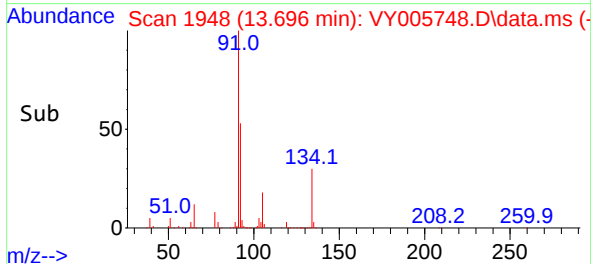
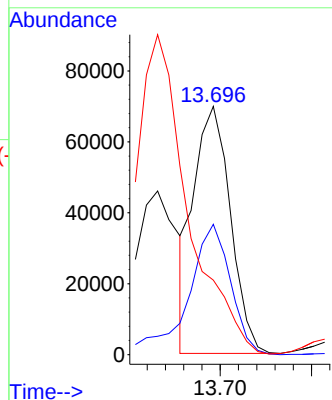
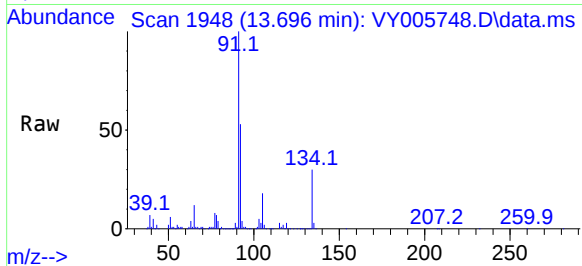




#89
n-Butylbenzene
Concen: 8.864 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Instrument :
MSVOA_Y
ClientSampled :
B-3B

Tgt Ion: 91 Resp: 96824
Ion Ratio Lower Upper
91 100
92 61.5 26.7 80.1
134 0.0 13.8 41.4#



#95
Naphthalene
Concen: 19.944 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005748.D
Acq: 18 Aug 2021 18:27

Tgt Ion:128 Resp: 149516
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.3 8.7 13.1

