

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004946.D
 Acq On : 03 Jun 2021 18:55
 Operator : SY/MD
 Sample : M2589-16
 Misc : 14.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B11(4-6)

Quant Time: Jun 04 01:19:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

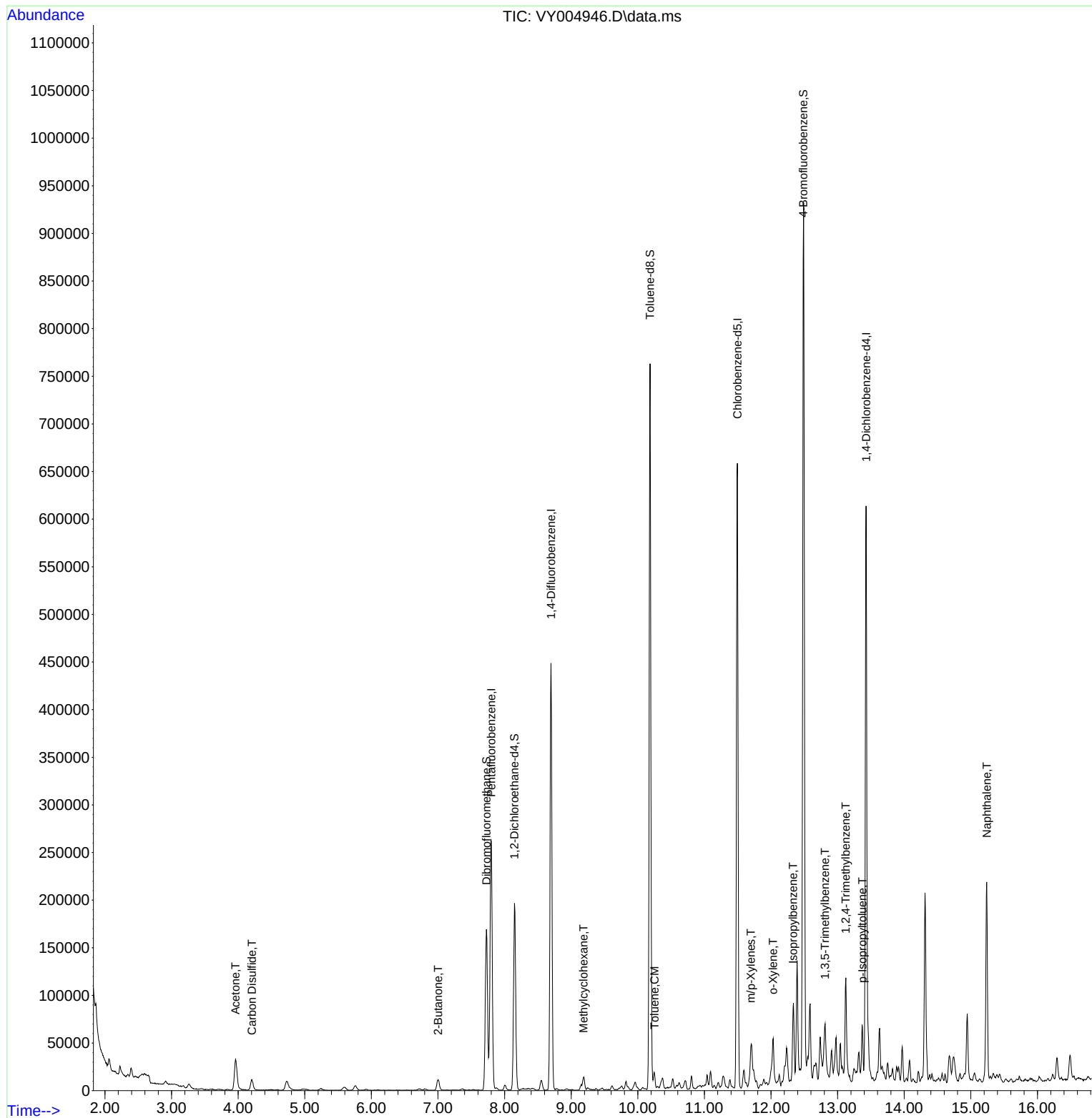
Internal Standards						
1) Pentafluorobenzene	7.801	168	200180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	369754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	348547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	147024	69.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.940%			
35) Dibromofluoromethane	7.728	113	121044	60.847	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.700%			
50) Toluene-d8	10.185	98	468790	56.741	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.480%			
62) 4-Bromofluorobenzene	12.483	95	165651	58.299	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.600%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	58865	115.549	ug/l	98
17) Carbon Disulfide	4.204	76	21829	3.450	ug/l	97
25) 2-Butanone	7.002	43	17839	20.825	ug/l	97
39) Methylcyclohexane	9.185	83	5606	1.402	ug/l	91
52) Toluene	10.252	92	6411	1.023	ug/l	99
68) m/p-Xylenes	11.696	106	10492	2.194	ug/l	93
69) o-Xylene	12.032	106	11641	2.614	ug/l	97
73) Isopropylbenzene	12.330	105	26209	2.338	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	15017	1.624	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	54386	5.916	ug/l	98
86) p-Isopropyltoluene	13.373	119	29449	3.014	ug/l	99
95) Naphthalene	15.238	128	165278	28.412	ug/l	100

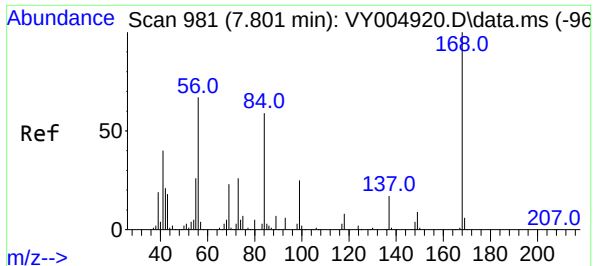
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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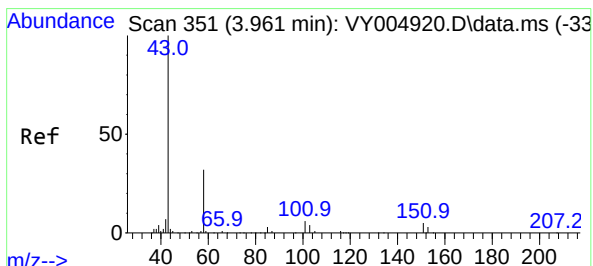
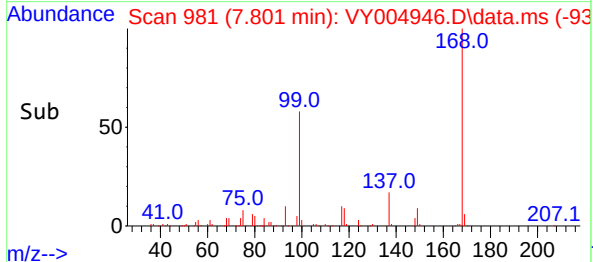
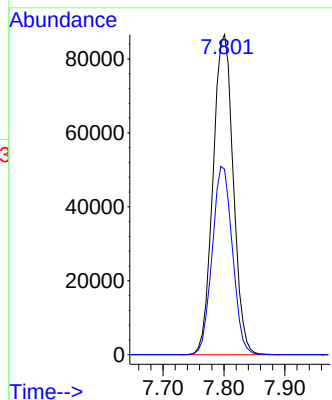
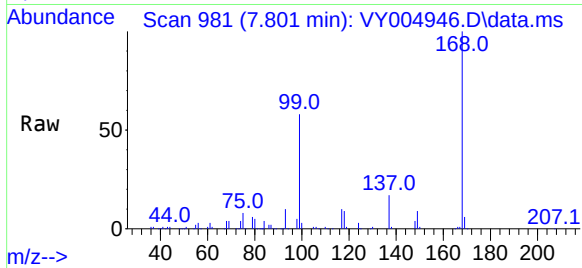




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

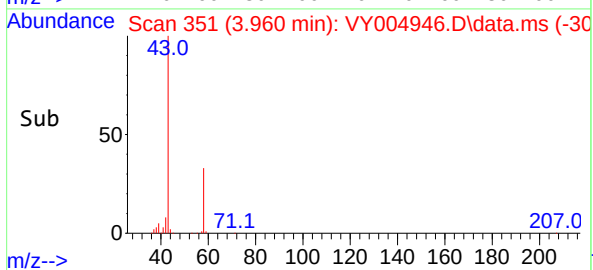
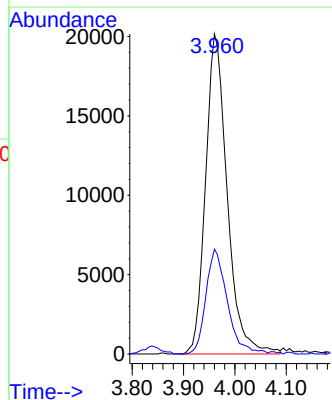
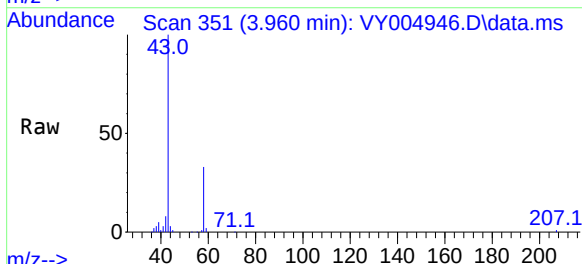
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(4-6)

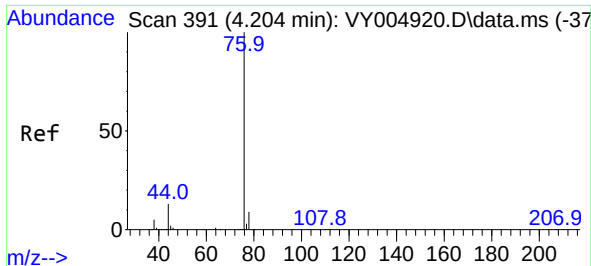
Tgt Ion:168 Resp: 200180
Ion Ratio Lower Upper
168 100
99 57.9 43.9 65.9



#16
Acetone
Concen: 115.549 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

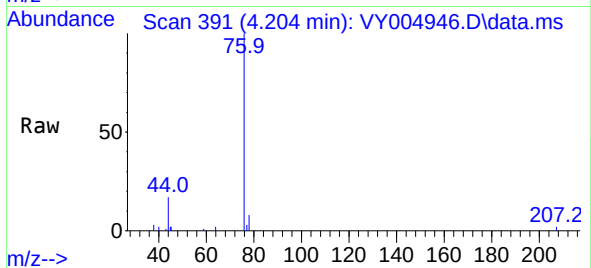
Tgt Ion: 43 Resp: 58865
Ion Ratio Lower Upper
43 100
58 32.7 25.3 37.9



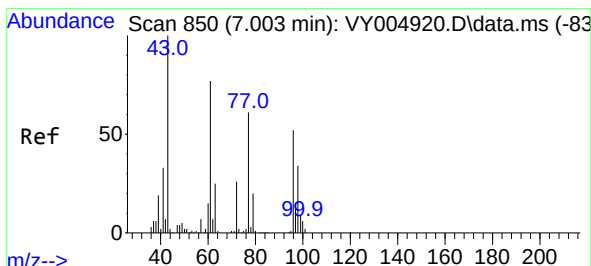
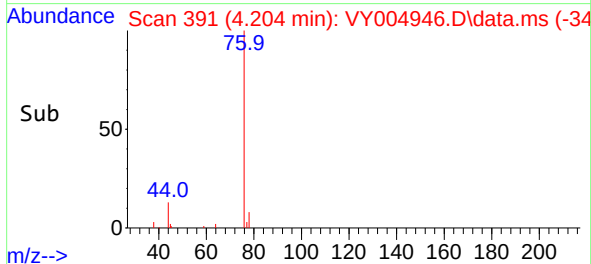
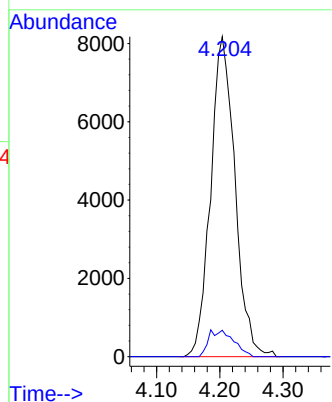


#17
Carbon Disulfide
Concen: 3.450 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Instrument :
MSVOA_Y
ClientSampleId :
18-B11(4-6)

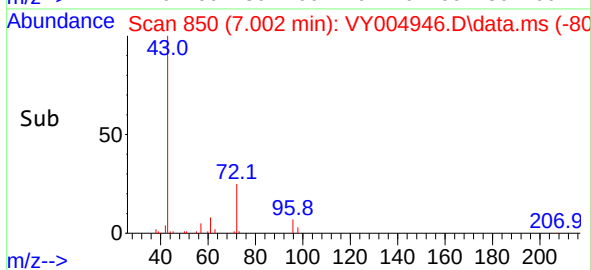
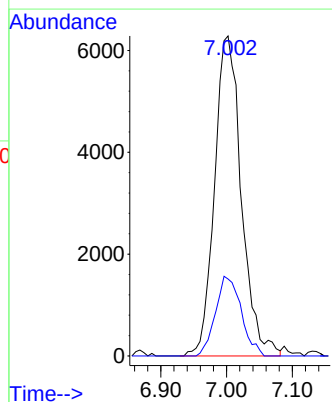
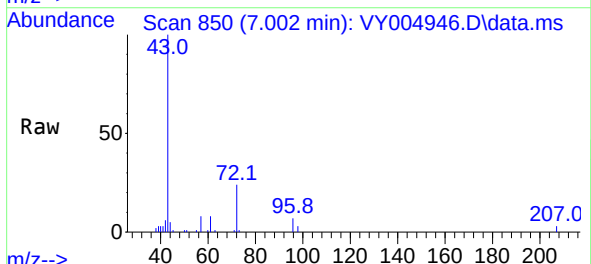


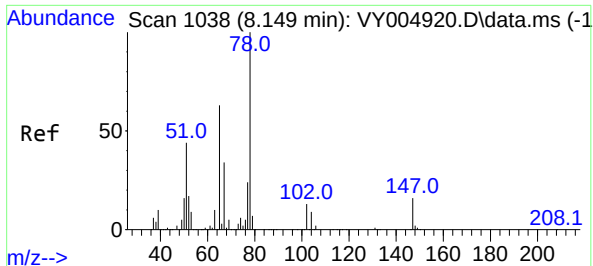
Tgt Ion: 76 Resp: 21829
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4



#25
2-Butanone
Concen: 20.825 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Tgt Ion: 43 Resp: 17839
Ion Ratio Lower Upper
43 100
72 24.0 20.6 31.0

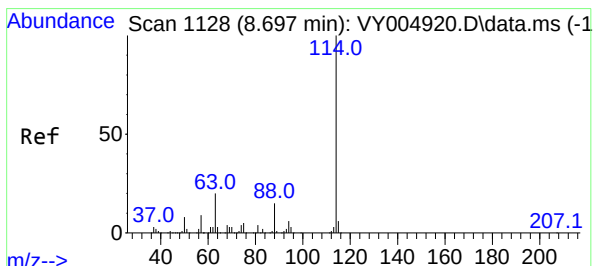
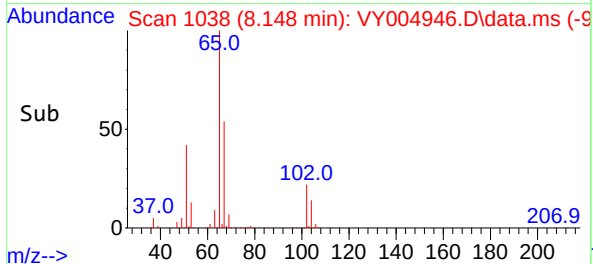
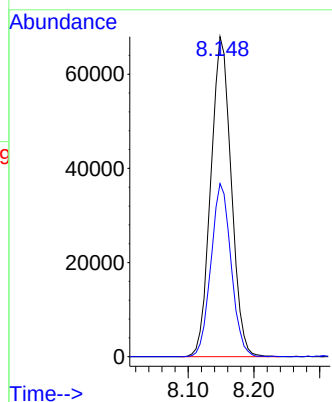
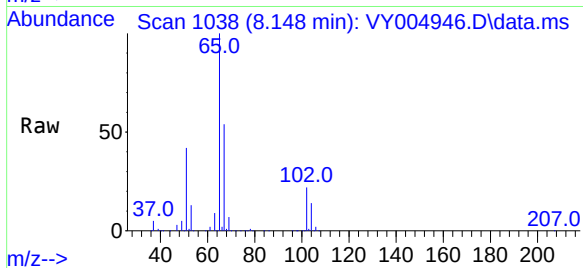




#33
1,2-Dichloroethane-d4
Concen: 69.474 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

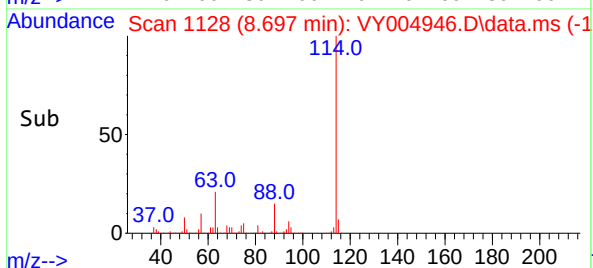
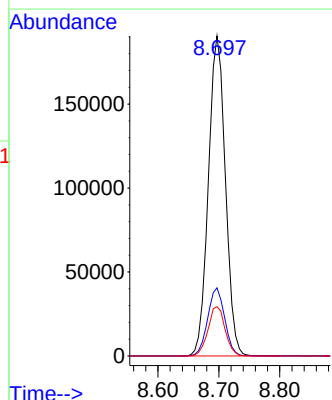
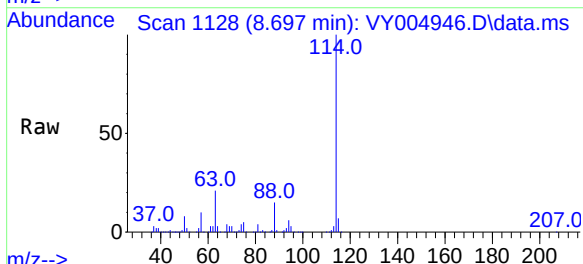
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(4-6)

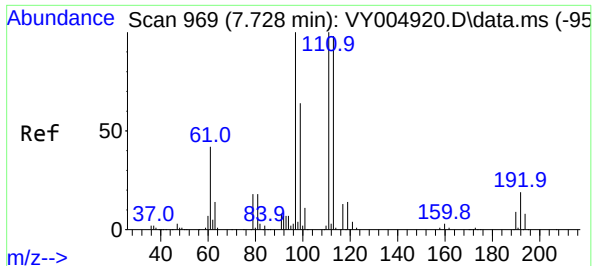
Tgt Ion: 65 Resp: 147024
Ion Ratio Lower Upper
65 100
67 53.2 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Tgt Ion:114 Resp: 369754
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.0
88 15.4 0.0 30.6



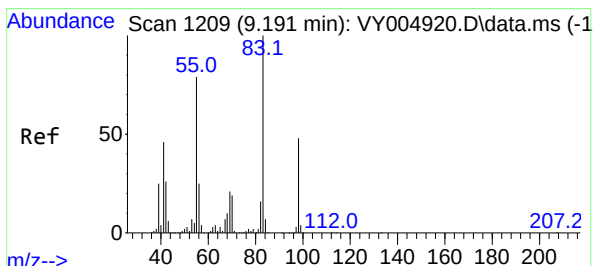
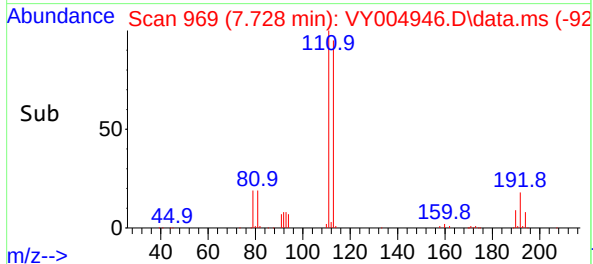
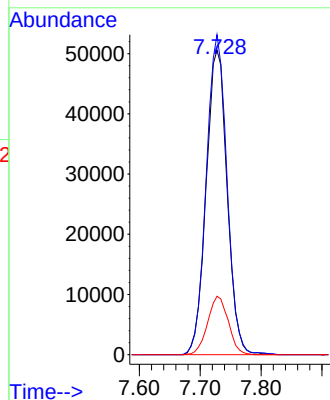
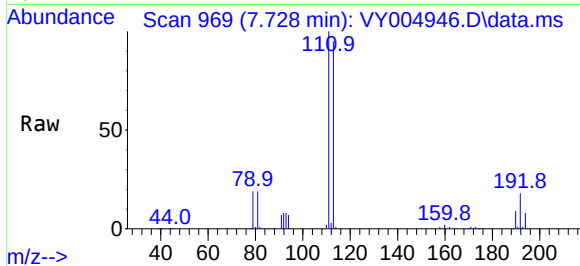


#35
Dibromofluoromethane
Concen: 60.847 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Instrument :
MSVOA_Y
ClientSampleId :
18-B11(4-6)

Tgt Ion:113 Resp: 121044

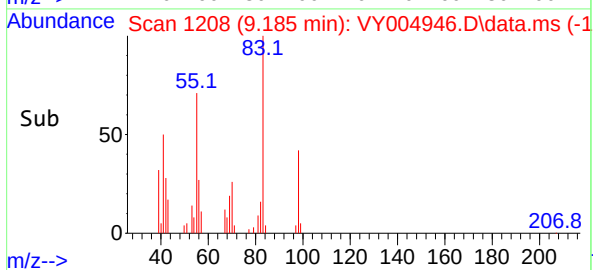
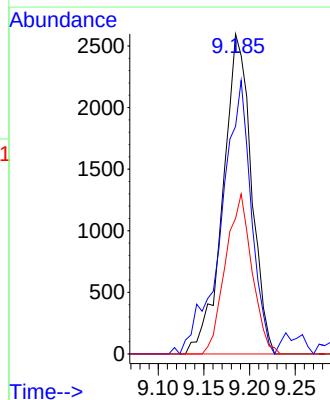
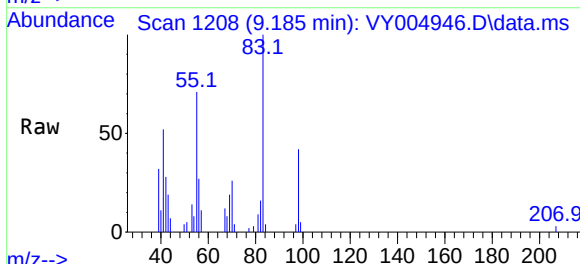
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	18.9	15.3	22.9

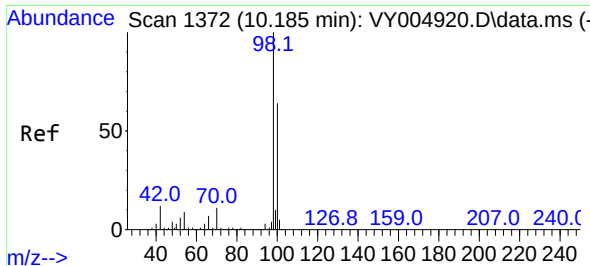


#39
Methylcyclohexane
Concen: 1.402 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.007 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Tgt Ion: 83 Resp: 5606

Ion	Ratio	Lower	Upper
83	100		
55	71.1	63.1	94.7
98	42.4	38.6	58.0

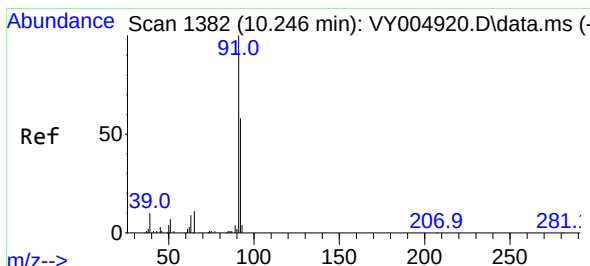
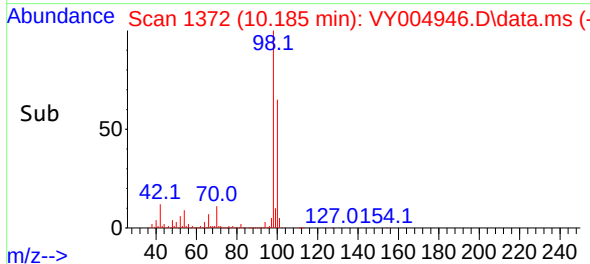
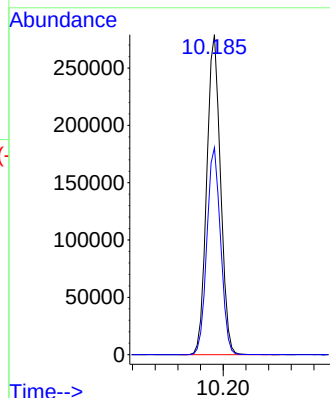
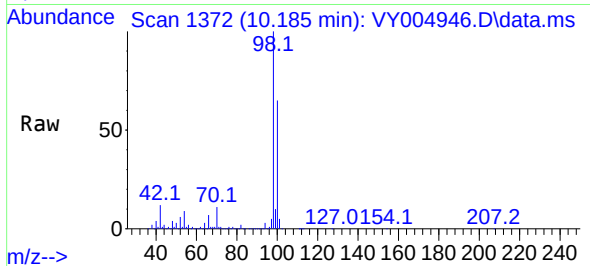




#50
Toluene-d8
Concen: 56.741 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

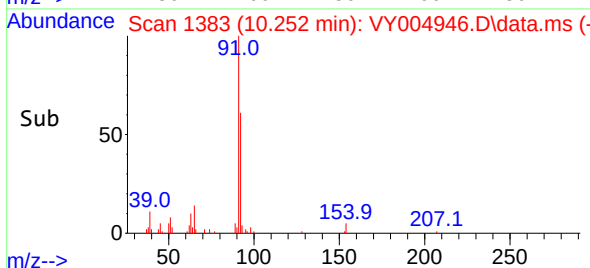
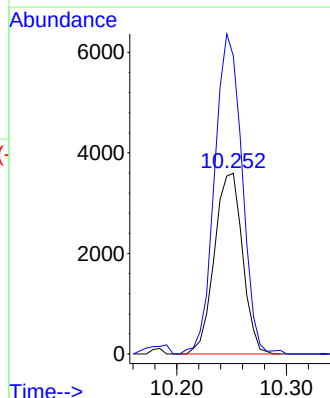
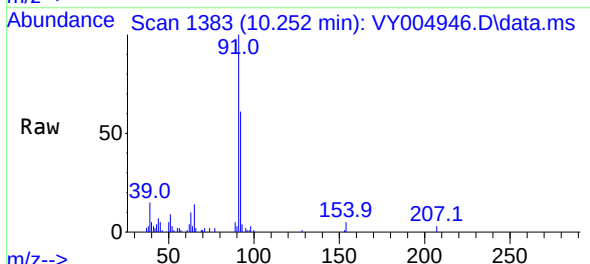
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(4-6)

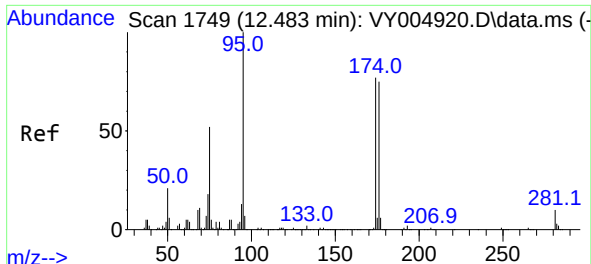
Tgt Ion: 98 Resp: 468790
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#52
Toluene
Concen: 1.023 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Tgt Ion: 92 Resp: 6411
Ion Ratio Lower Upper
92 100
91 173.1 139.3 208.9



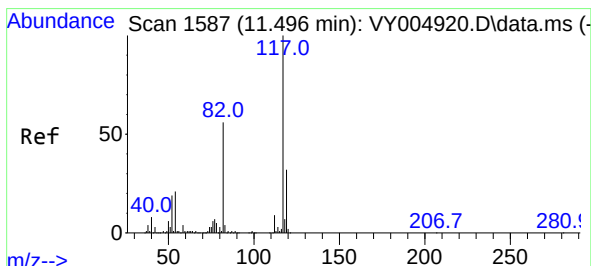
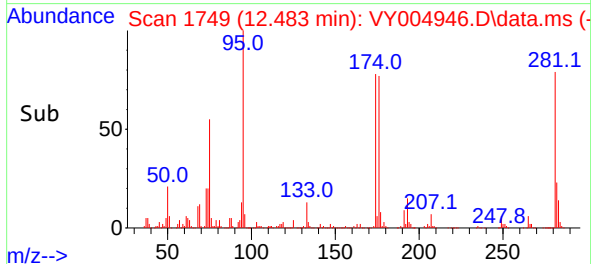
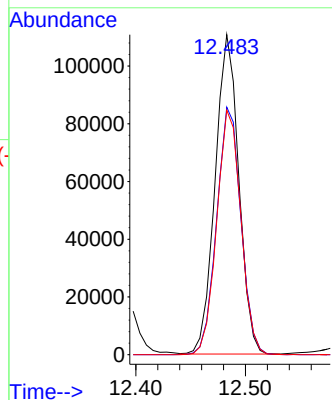
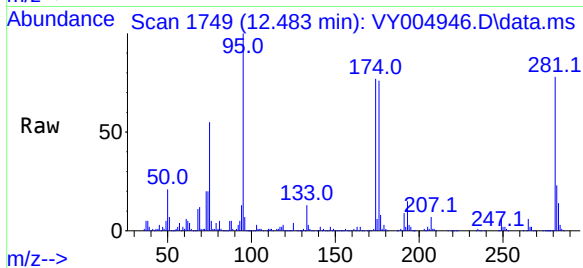


#62
4-Bromofluorobenzene
Concen: 58.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Instrument :
MSVOA_Y
ClientSampleId :
18-B11(4-6)

Tgt Ion: 95 Resp: 165651

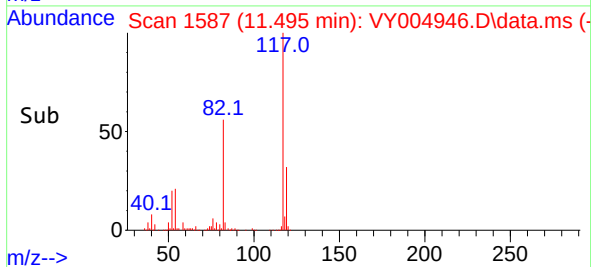
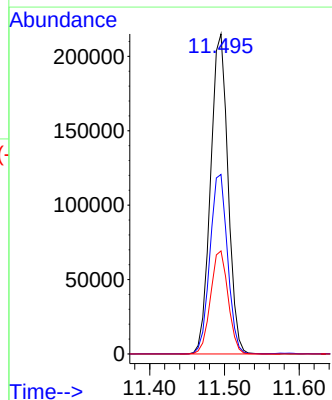
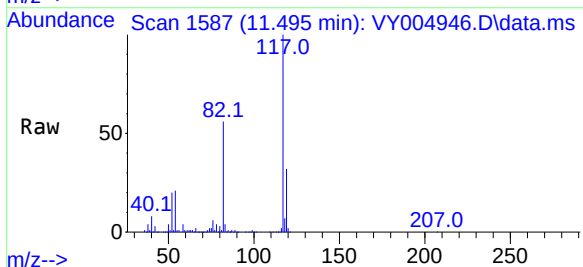
Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	160.8
176	78.1	0.0	155.6

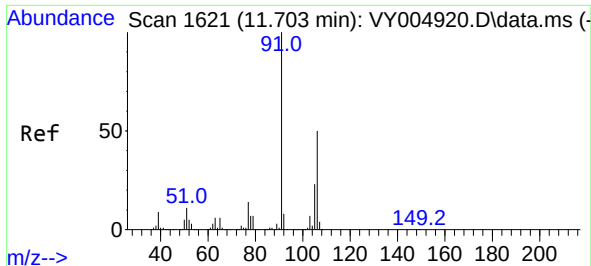


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Tgt Ion: 117 Resp: 348547

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.8	67.2
119	32.2	25.2	37.8

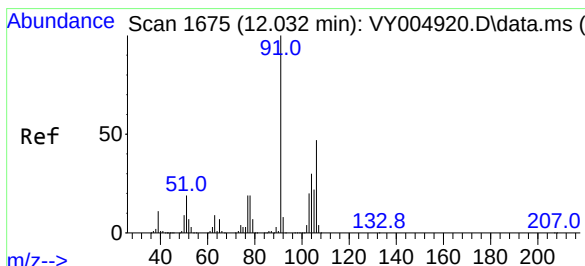
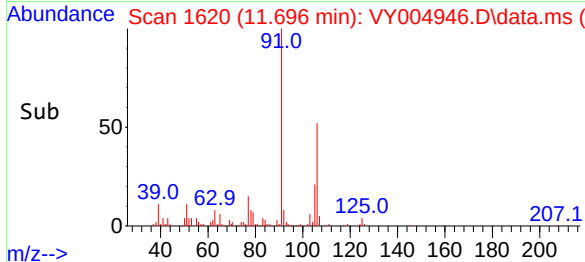
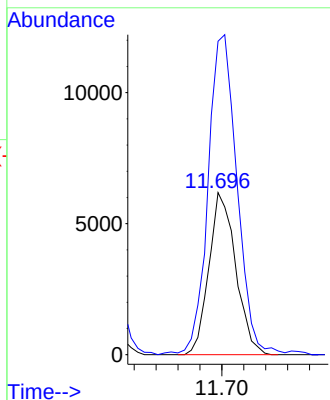
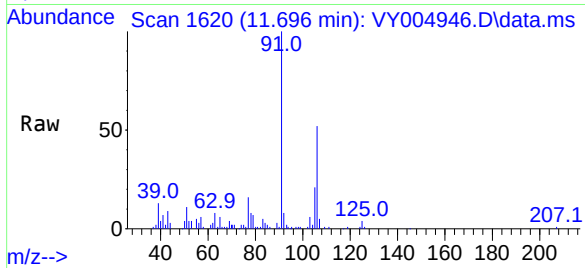




#68
m/p-Xylenes
Concen: 2.194 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.007 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

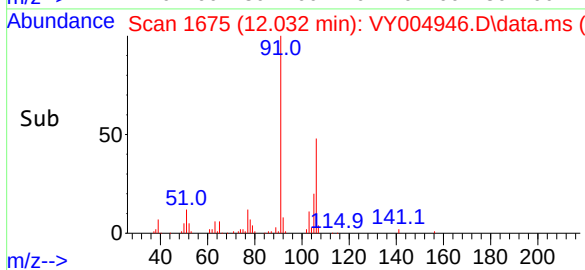
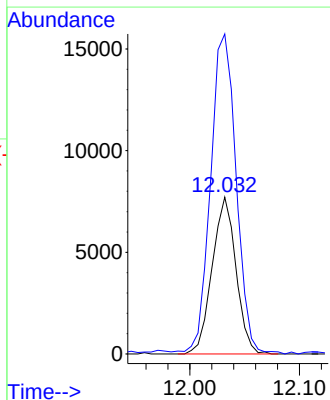
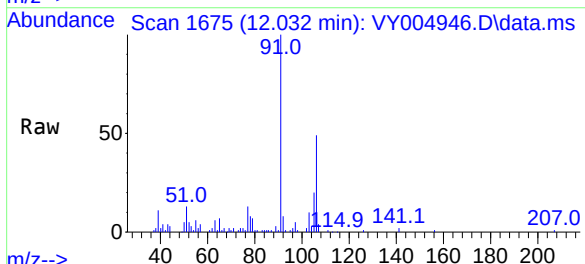
Instrument :
MSVOA_Y
ClientSampled :
18-B11(4-6)

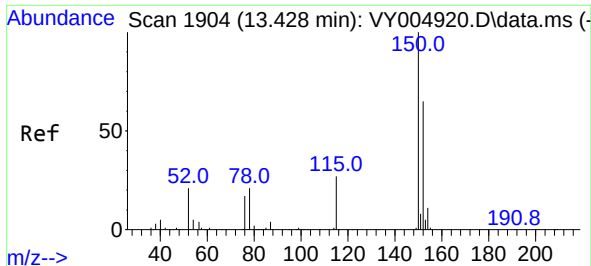
Tgt Ion:106 Resp: 10492
Ion Ratio Lower Upper
106 100
91 213.3 161.9 242.9



#69
o-Xylene
Concen: 2.614 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Tgt Ion:106 Resp: 11641
Ion Ratio Lower Upper
106 100
91 220.0 108.0 324.0

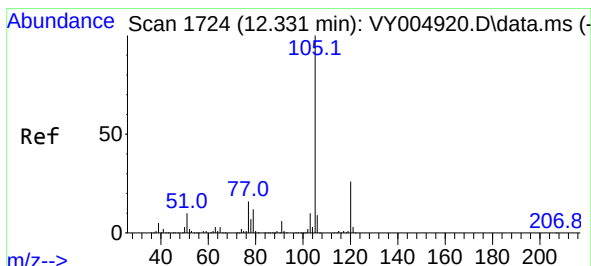
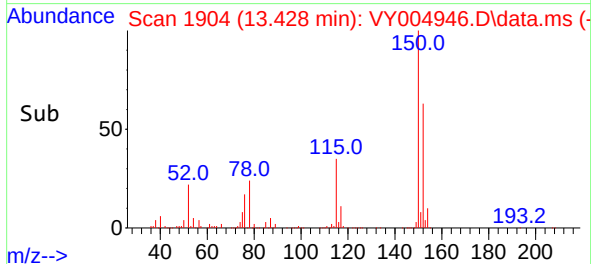
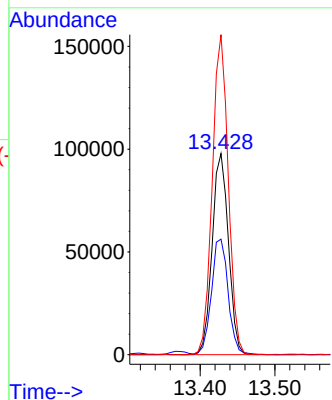
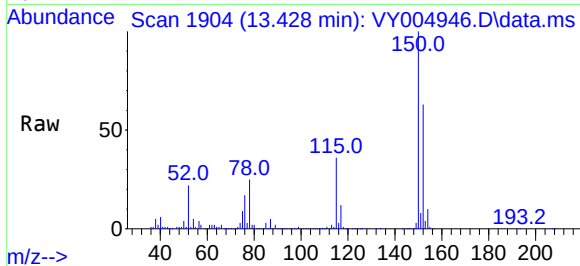




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

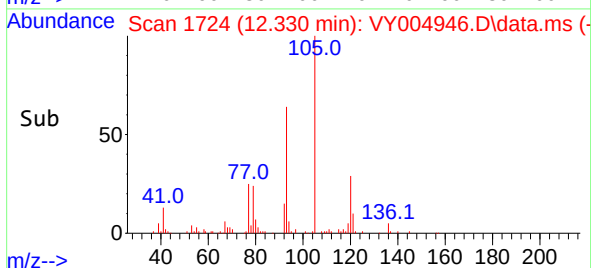
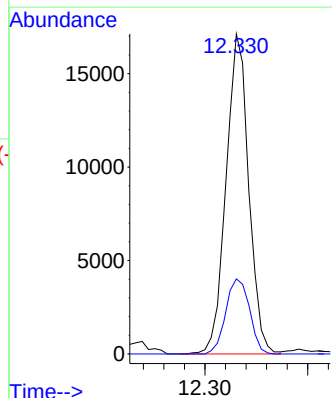
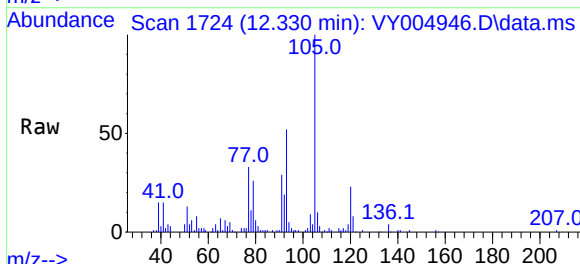
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(4-6)

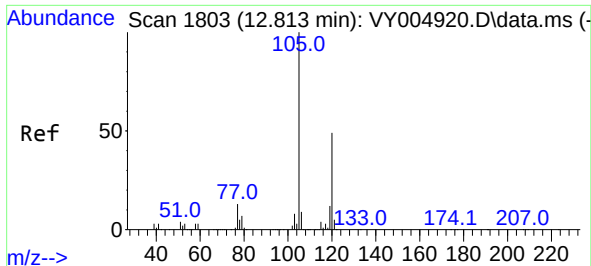
Tgt Ion:152 Resp: 148424
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 156.0 0.0 347.8



#73
Isopropylbenzene
Concen: 2.338 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Tgt Ion:105 Resp: 26209
Ion Ratio Lower Upper
105 100
120 24.6 13.3 39.9

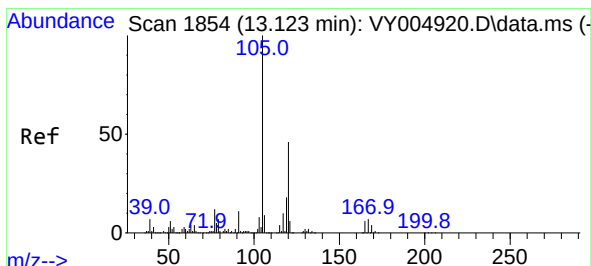
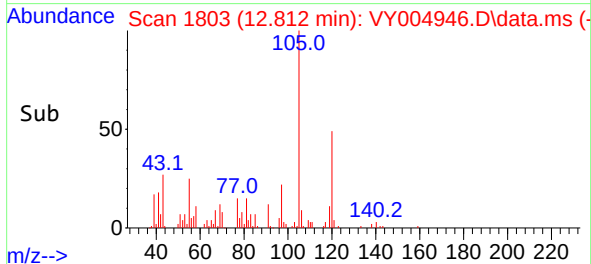
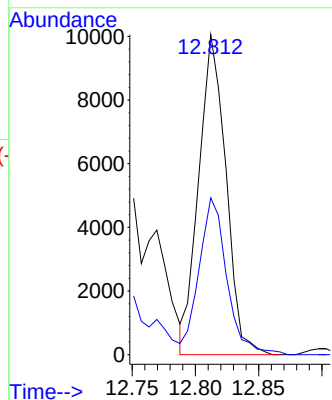
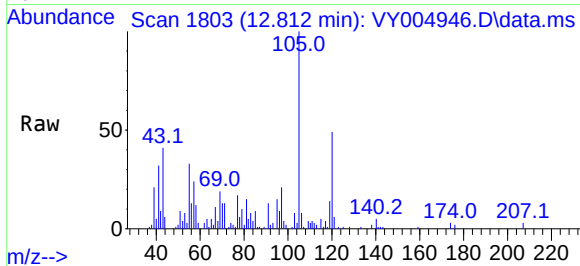




#80
1,3,5-Trimethylbenzene
Concen: 1.624 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

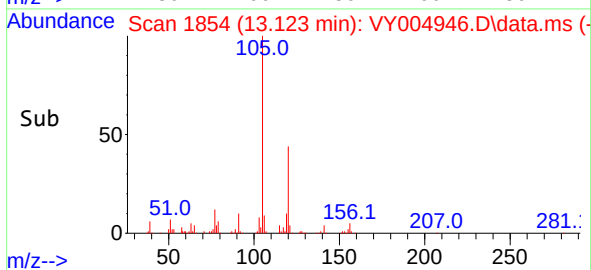
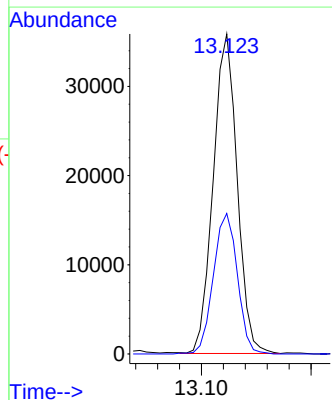
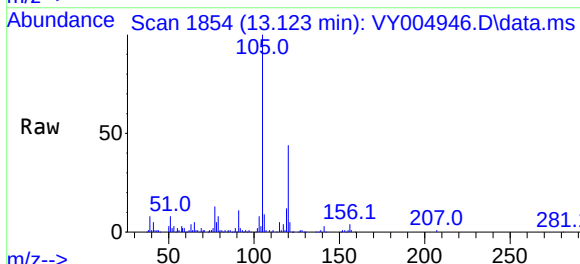
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(4-6)

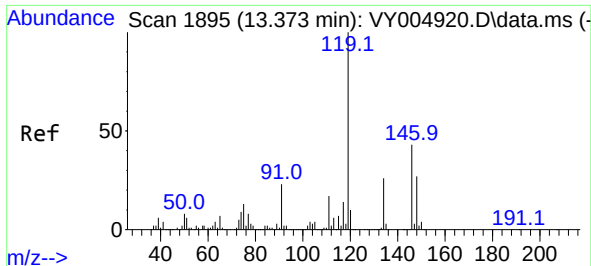
Tgt Ion:105 Resp: 15017
Ion Ratio Lower Upper
105 100
120 50.2 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 5.916 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Tgt Ion:105 Resp: 54386
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.7

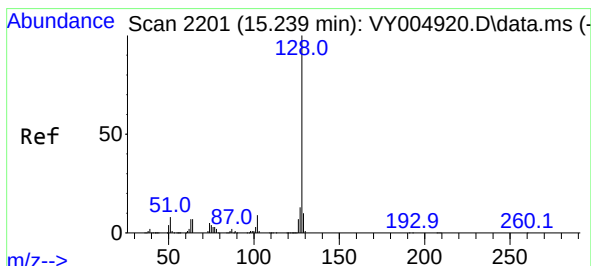
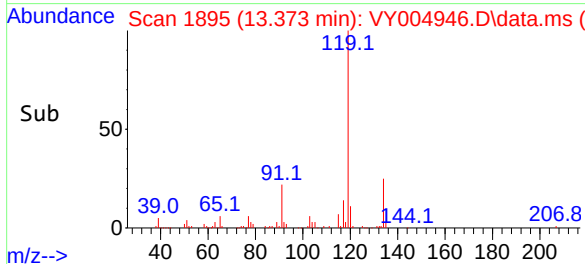
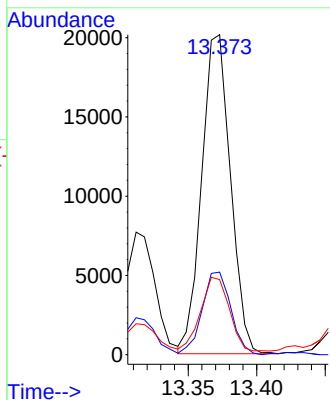
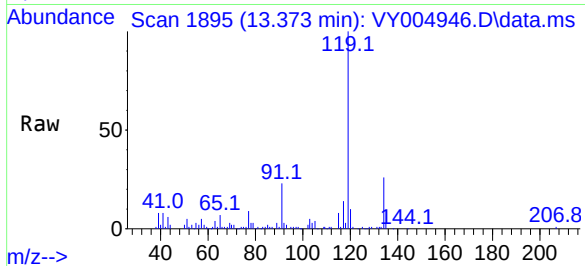




#86
p-Isopropyltoluene
Concen: 3.014 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Instrument :
MSVOA_Y
ClientSampleId :
18-B11(4-6)

Tgt Ion:	119	Resp:	29449
Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	22.7	11.9	35.5



#95
Naphthalene
Concen: 28.412 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004946.D
Acq: 03 Jun 2021 18:55

Tgt Ion:	128	Resp:	165278
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.7	13.1

