

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004950.D
 Acq On : 03 Jun 2021 20:28
 Operator : SY/MD
 Sample : M2589-20
 Misc : 12.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(4-6)

Quant Time: Jun 04 01:20:20 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)

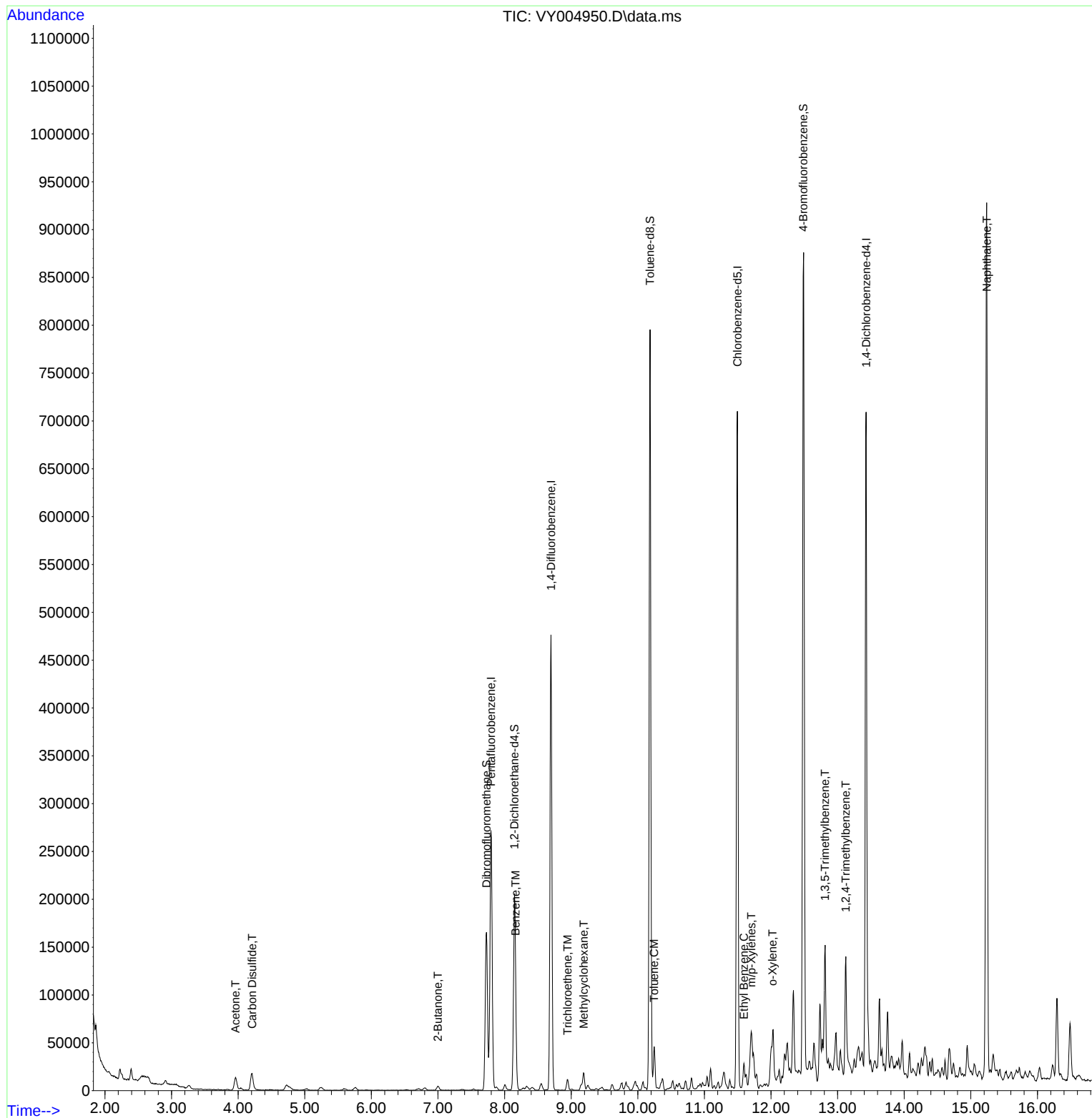
Internal Standards						
1) Pentafluorobenzene	7.795	168	204247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	388995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	382444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148897	68.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.920%	
35) Dibromofluoromethane	7.728	113	118573	56.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.320%	
50) Toluene-d8	10.185	98	491057	56.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.000%	
62) 4-Bromofluorobenzene	12.483	95	177603	59.413	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	23528	45.265	ug/l	99
17) Carbon Disulfide	4.210	76	33596	5.205	ug/l	100
25) 2-Butanone	6.996	43	5893	6.742	ug/l	99
39) Methylcyclohexane	9.191	83	6470	1.539	ug/l	97
40) Benzene	8.167	78	19973	1.834	ug/l	100
44) Trichloroethene	8.947	130	3818	1.339	ug/l	92
52) Toluene	10.246	92	17856	2.709	ug/l	100
67) Ethyl Benzene	11.593	91	15230	1.088	ug/l	98
68) m/p-Xylenes	11.703	106	12371	2.358	ug/l	98
69) o-Xylene	12.026	106	11670	2.389	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	34742	3.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	63876	6.064	ug/l	100
95) Naphthalene	15.239	128	743692	111.561	ug/l	99

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

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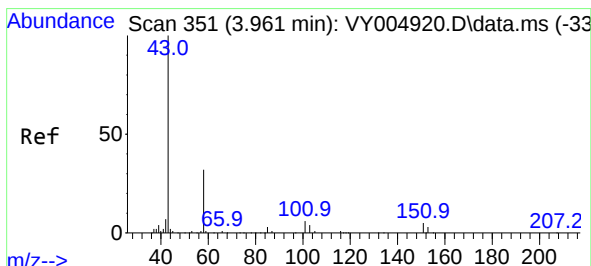
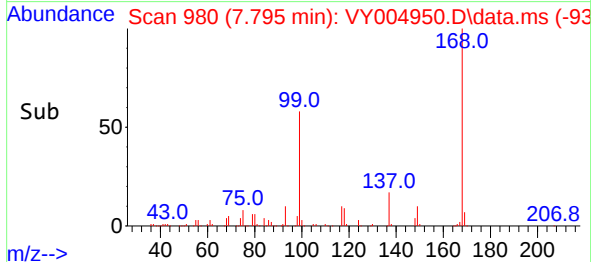
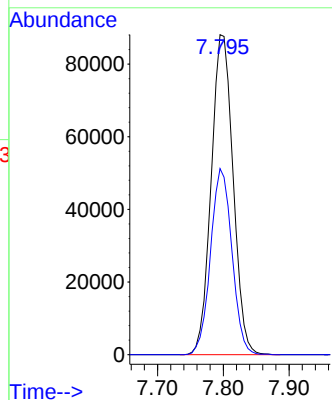
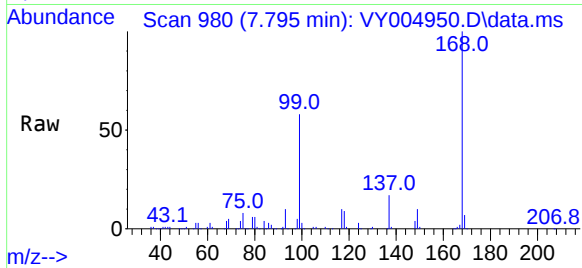




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

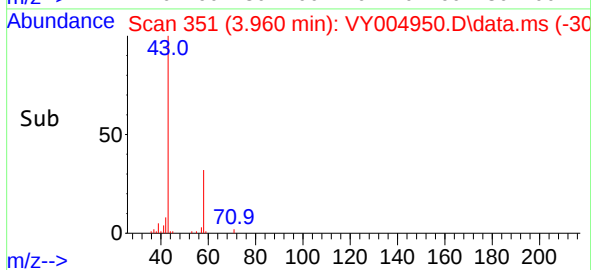
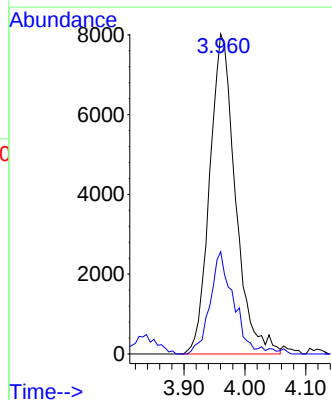
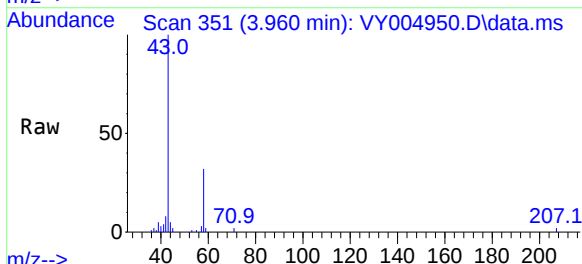
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(4-6)

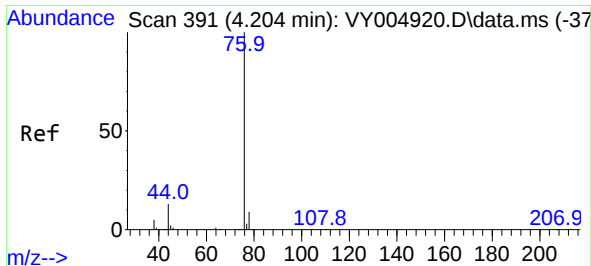
Tgt Ion:168 Resp: 204247
Ion Ratio Lower Upper
168 100
99 58.2 43.9 65.9



#16
Acetone
Concen: 45.265 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

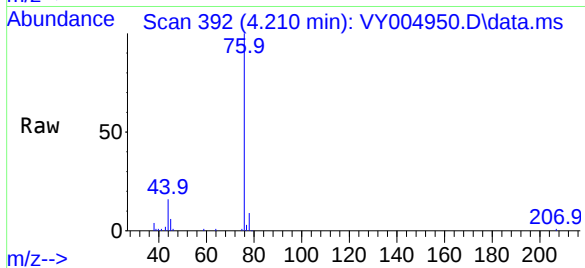
Tgt Ion: 43 Resp: 23528
Ion Ratio Lower Upper
43 100
58 31.9 25.3 37.9



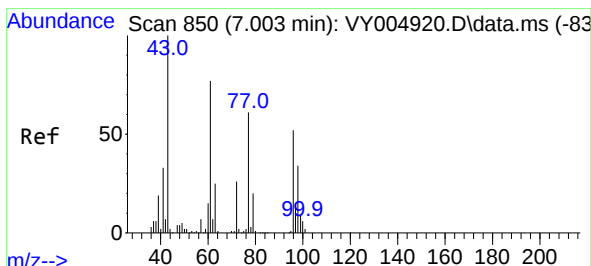
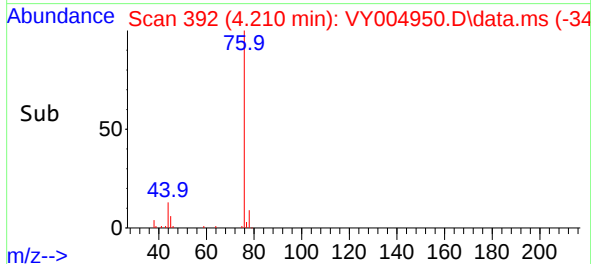
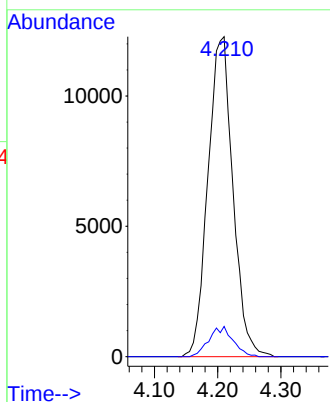


#17
Carbon Disulfide
Concen: 5.205 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(4-6)

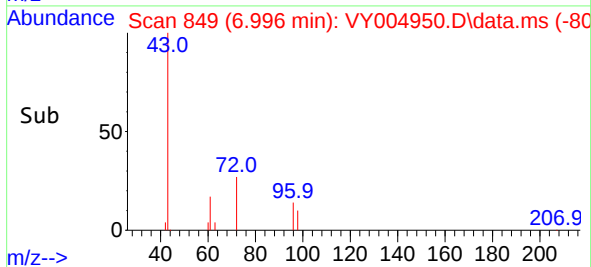
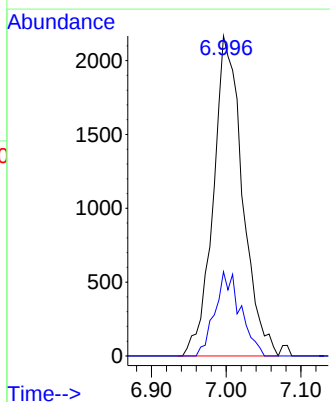
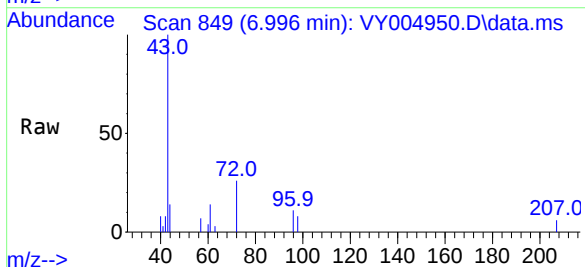


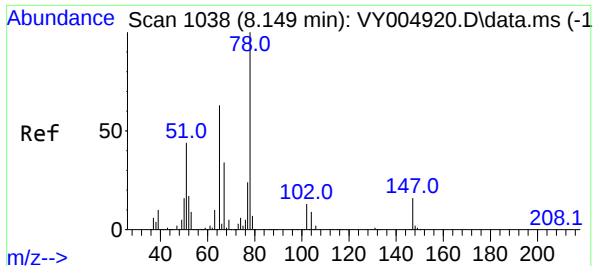
Tgt Ion: 76 Resp: 33596
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#25
2-Butanone
Concen: 6.742 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Tgt Ion: 43 Resp: 5893
Ion Ratio Lower Upper
43 100
72 26.3 20.6 31.0

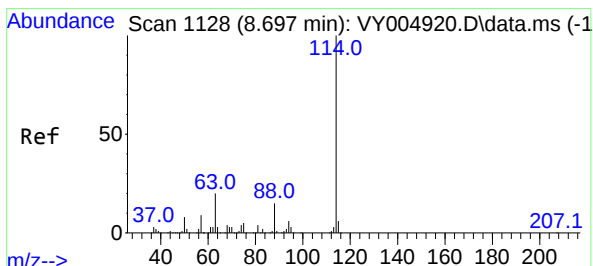
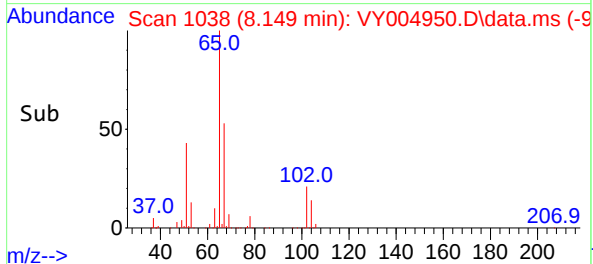
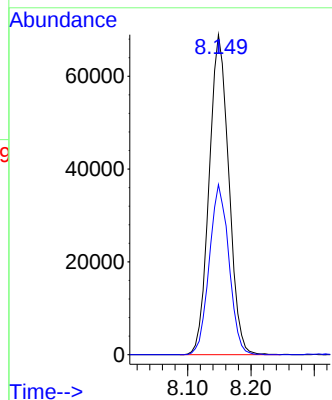
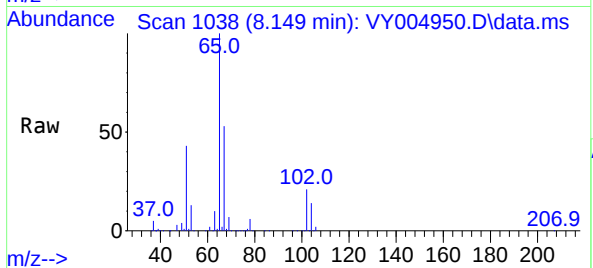




#33
1,2-Dichloroethane-d4
Concen: 68.958 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

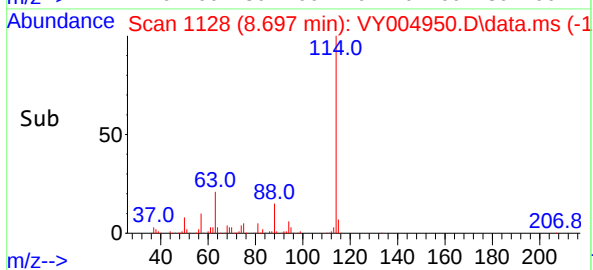
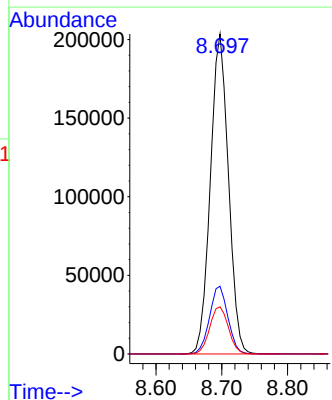
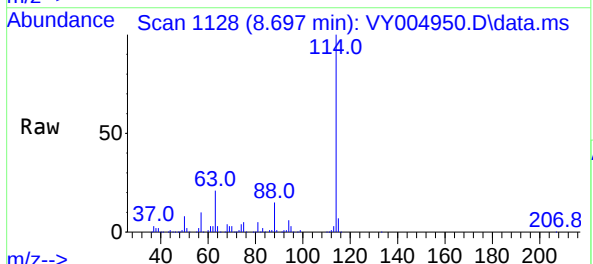
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(4-6)

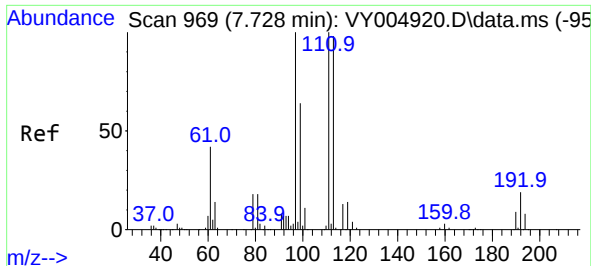
Tgt Ion: 65 Resp: 148897
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Tgt Ion: 114 Resp: 388995
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.0
88 14.8 0.0 30.6

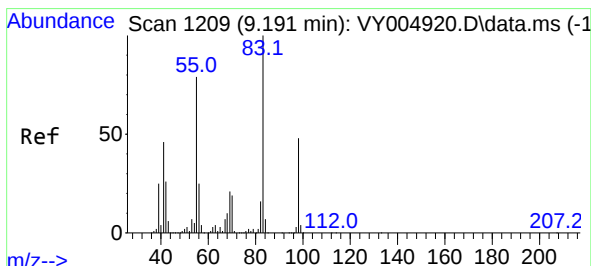
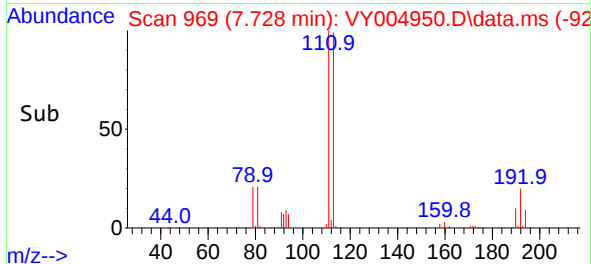
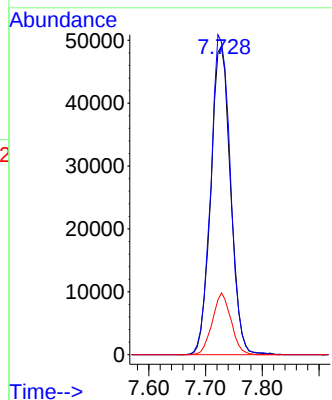
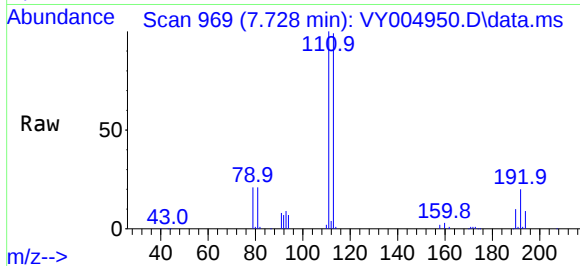




#35
Dibromofluoromethane
Concen: 56.657 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

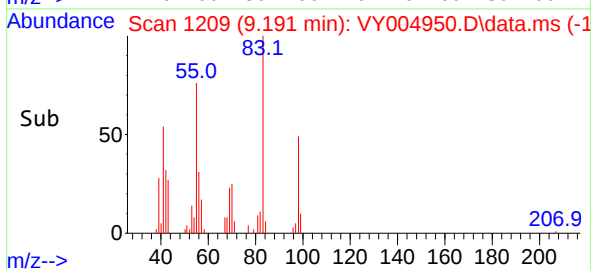
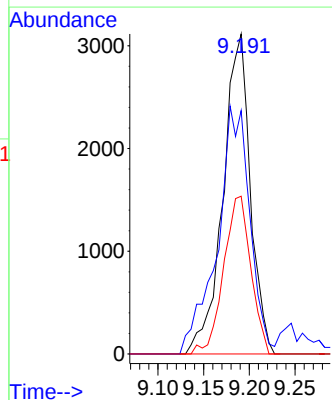
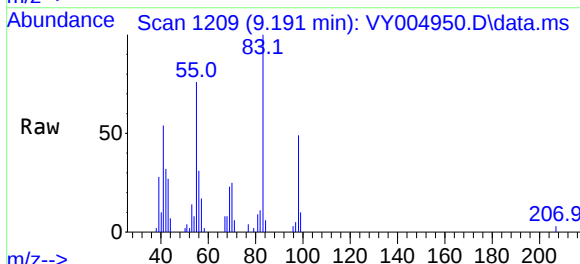
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(4-6)

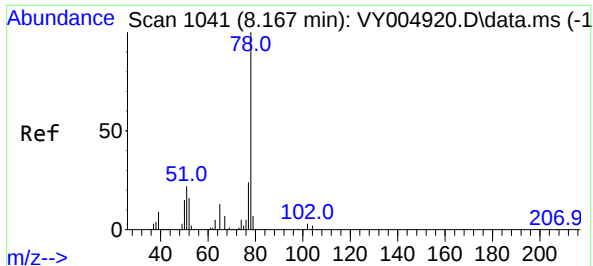
Tgt Ion:	113	Resp:	118573
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	18.9	15.3	22.9



#39
Methylcyclohexane
Concen: 1.539 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Tgt Ion:	83	Resp:	6470
Ion	Ratio	Lower	Upper
83	100		
55	76.1	63.1	94.7
98	49.3	38.6	58.0

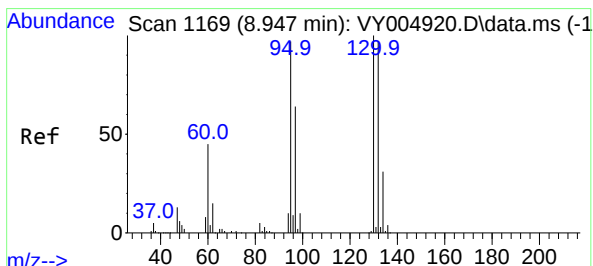
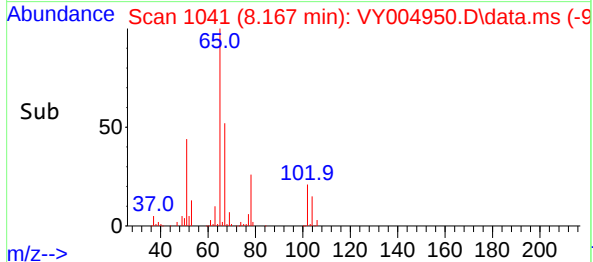
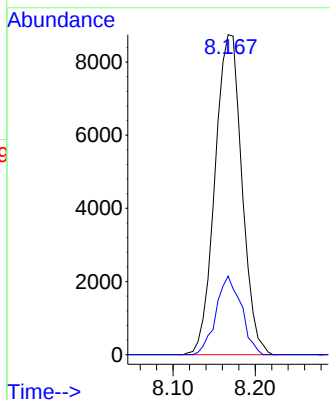
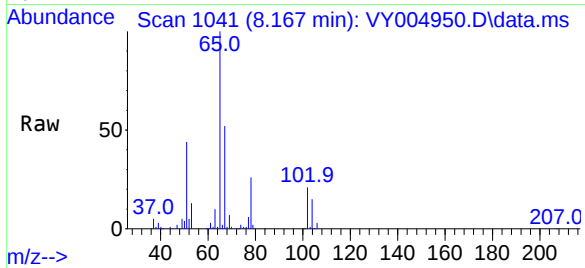




#40
Benzene
Concen: 1.834 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

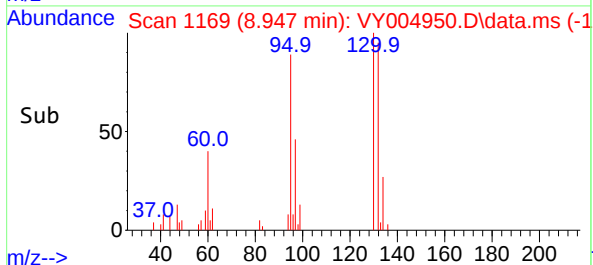
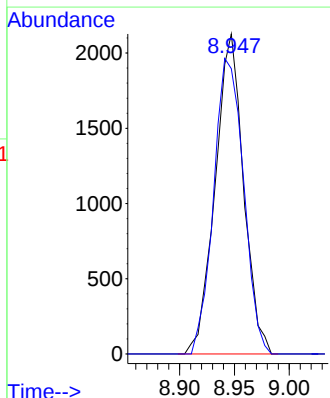
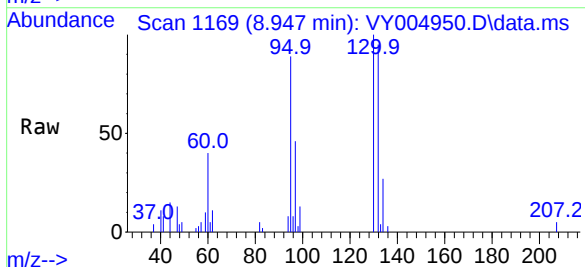
Instrument :
MSVOA_Y
ClientSampled :
18-B12(4-6)

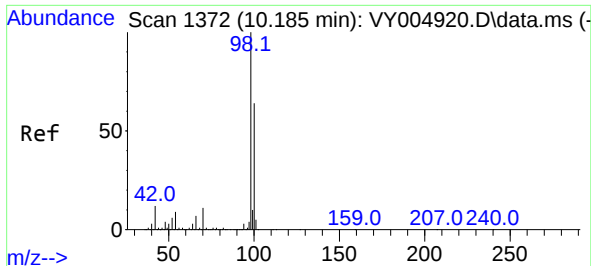
Tgt Ion: 78 Resp: 19973
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.2



#44
Trichloroethene
Concen: 1.339 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Tgt Ion:130 Resp: 3818
Ion Ratio Lower Upper
130 100
95 89.1 0.0 194.0

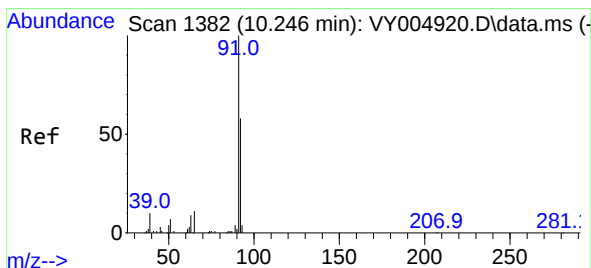
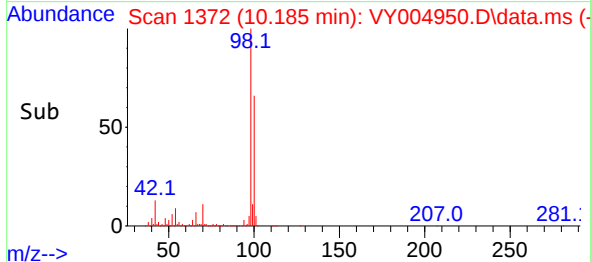
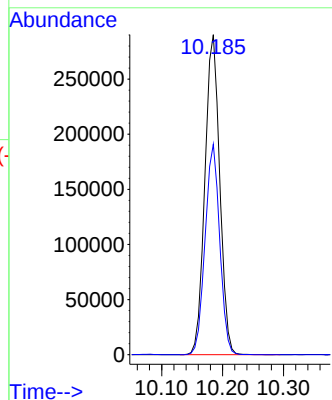
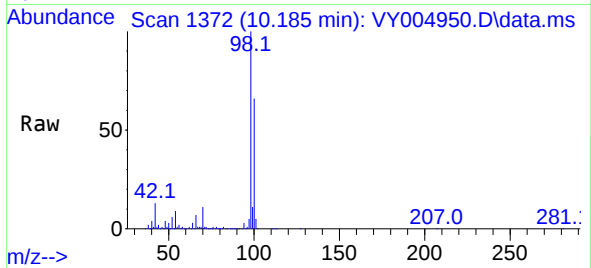




#50
Toluene-d8
Concen: 56.496 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

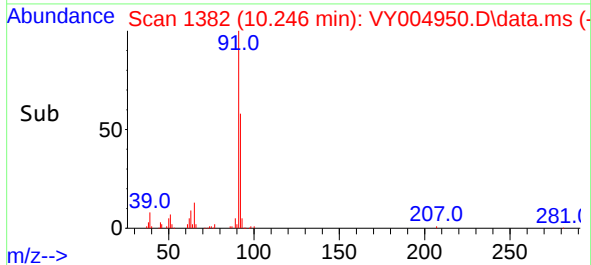
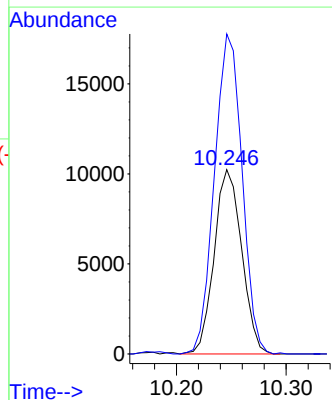
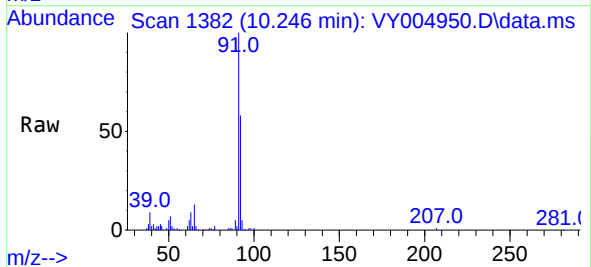
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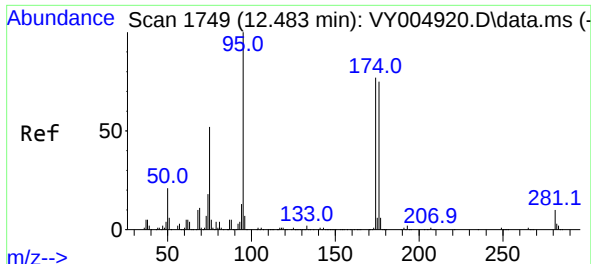
Tgt Ion: 98 Resp: 491057
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#52
Toluene
Concen: 2.709 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Tgt Ion: 92 Resp: 17856
Ion Ratio Lower Upper
92 100
91 174.4 139.3 208.9

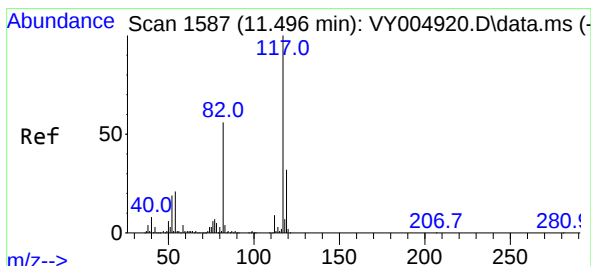
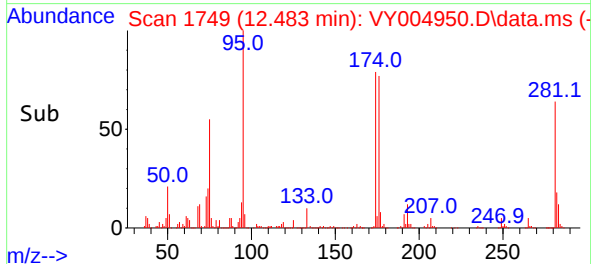
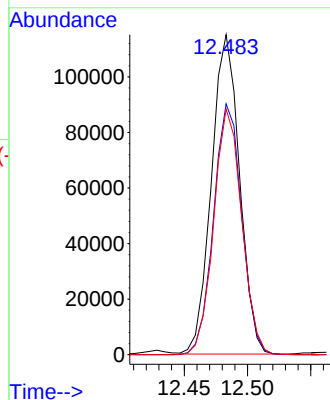
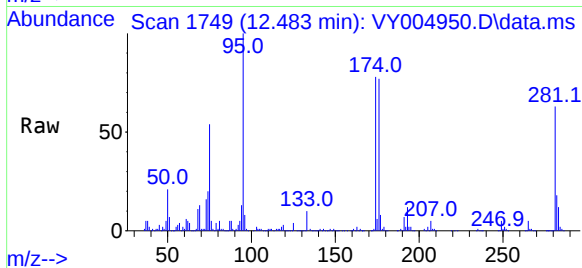




#62
4-Bromofluorobenzene
Concen: 59.413 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

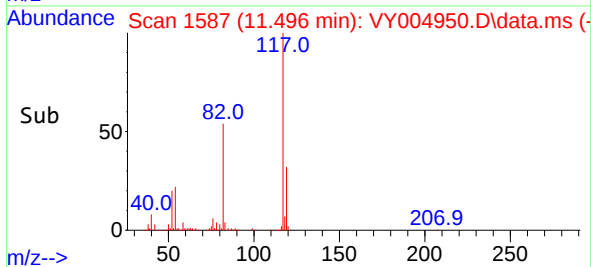
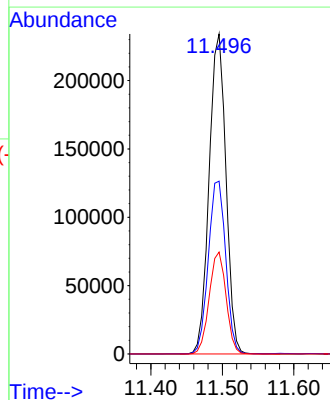
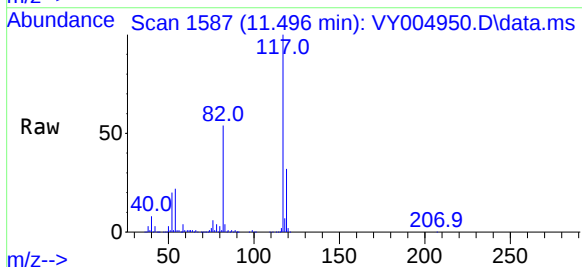
Instrument :
MSVOA_Y
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18-B12(4-6)

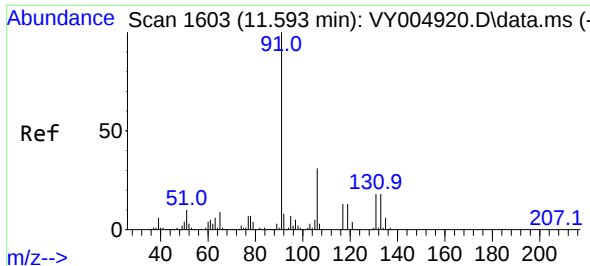
Tgt Ion: 95 Resp: 177603
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.8
176 76.6 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Tgt Ion: 117 Resp: 382444
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 31.9 25.2 37.8

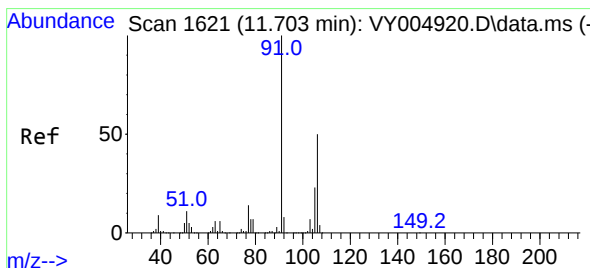
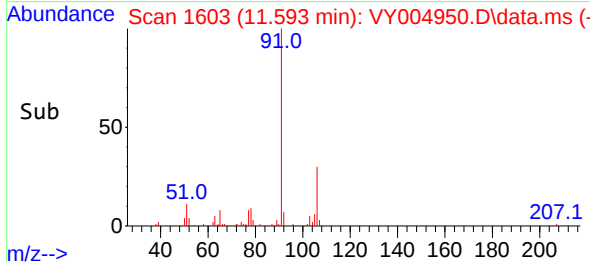
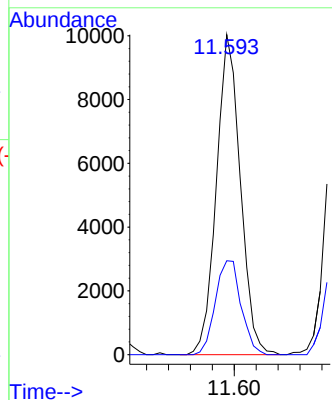
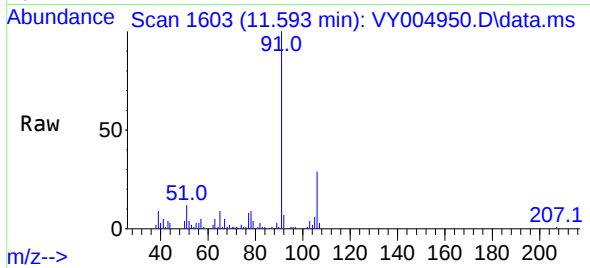




#67
Ethyl Benzene
Concen: 1.088 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

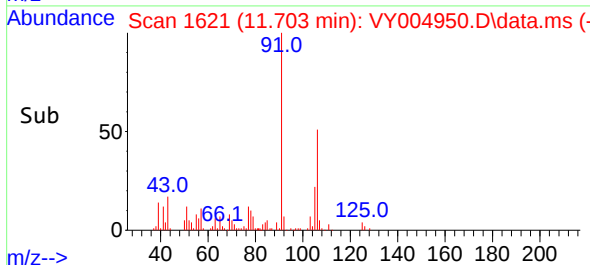
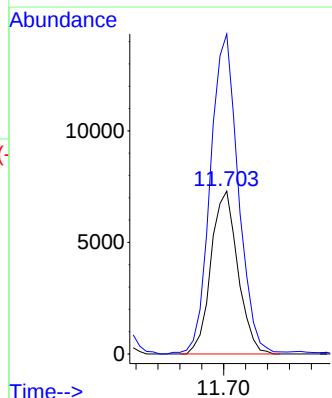
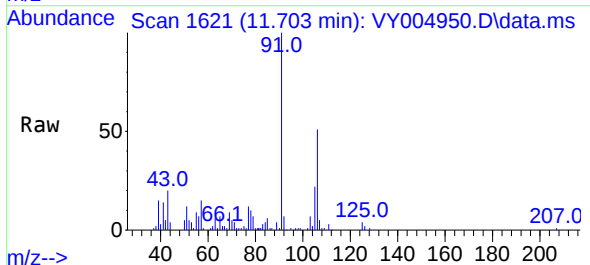
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(4-6)

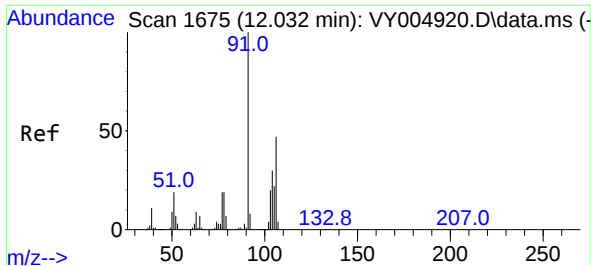
Tgt Ion: 91 Resp: 15230
Ion Ratio Lower Upper
91 100
106 29.4 24.6 36.8



#68
m/p-Xylenes
Concen: 2.358 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Tgt Ion: 106 Resp: 12371
Ion Ratio Lower Upper
106 100
91 205.2 161.9 242.9

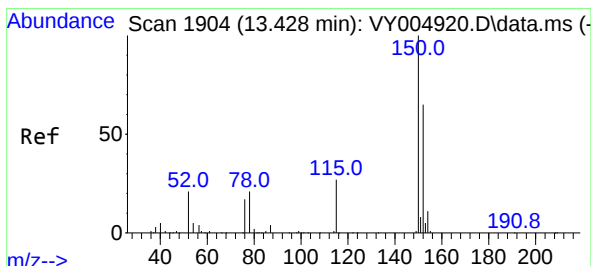
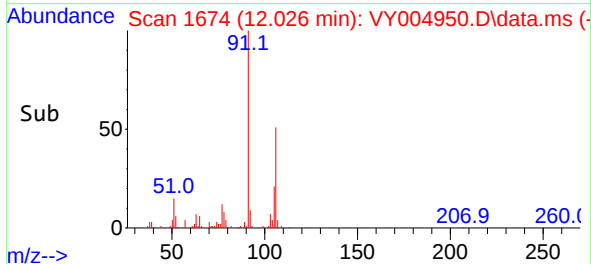
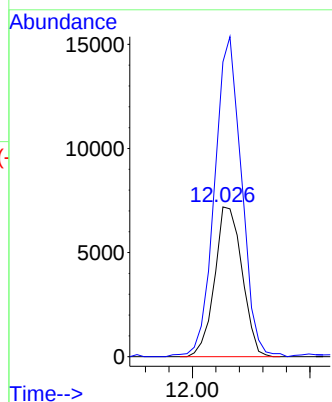
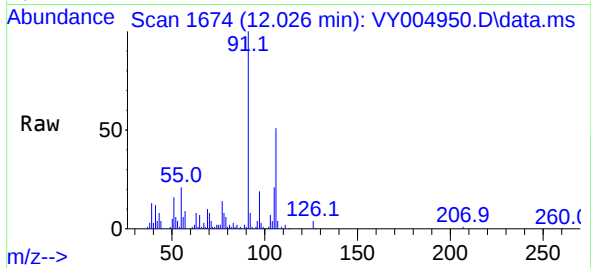




#69
o-Xylene
Concen: 2.389 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

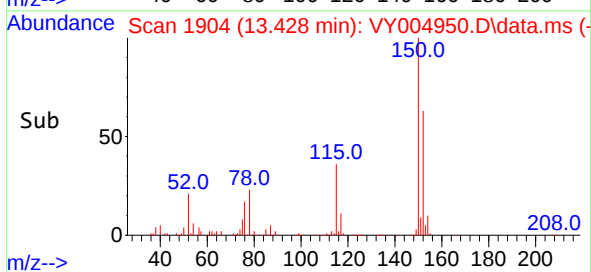
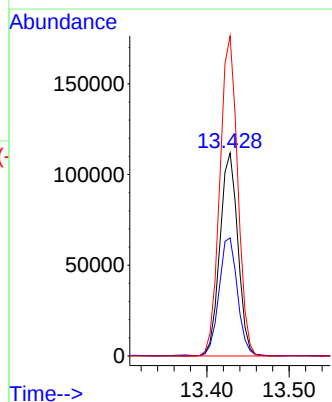
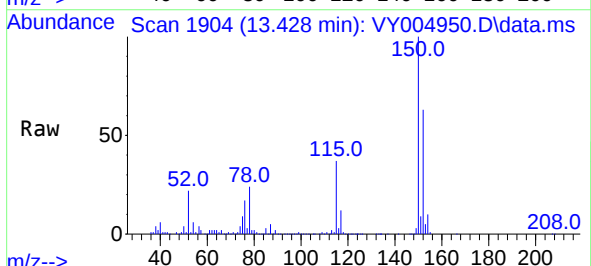
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(4-6)

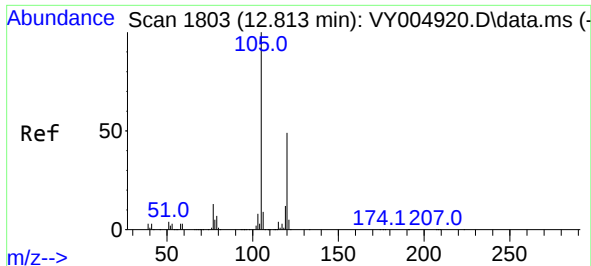
Tgt Ion:106 Resp: 11670
Ion Ratio Lower Upper
106 100
91 210.0 108.0 324.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Tgt Ion:152 Resp: 170087
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.7
150 156.7 0.0 347.8

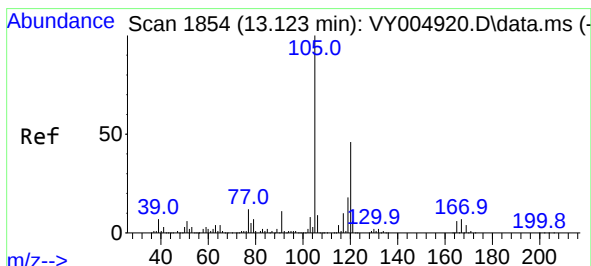
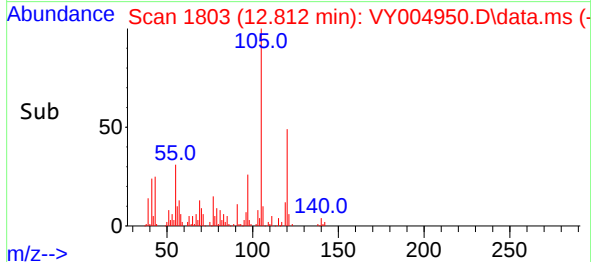
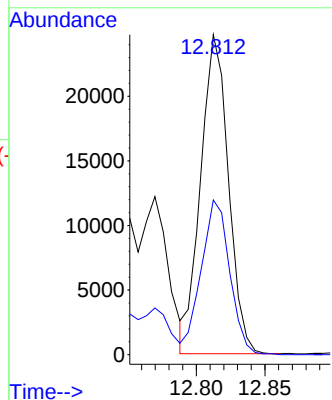
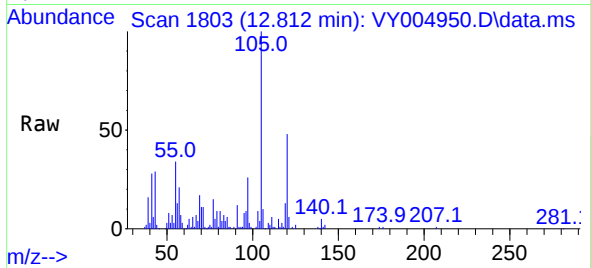




#80
1,3,5-Trimethylbenzene
Concen: 3.278 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

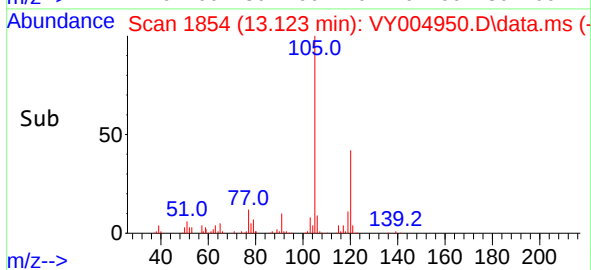
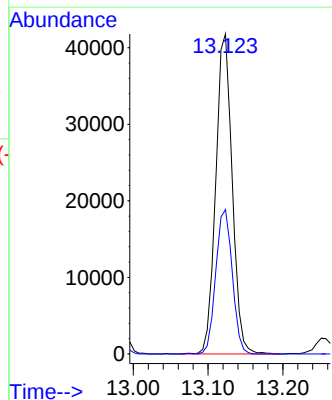
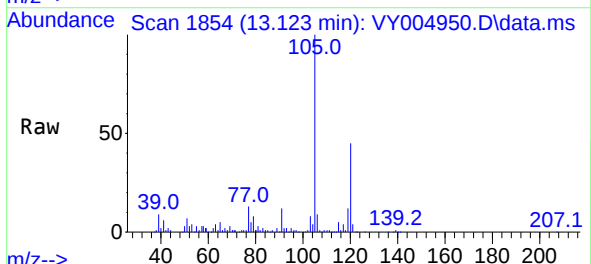
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(4-6)

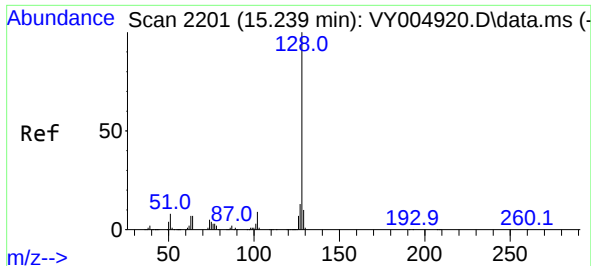
Tgt Ion:105 Resp: 34742
Ion Ratio Lower Upper
105 100
120 50.1 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 6.064 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Tgt Ion:105 Resp: 63876
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.7





#95
Naphthalene
Concen: 111.561 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004950.D
Acq: 03 Jun 2021 20:28

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(4-6)

Tgt Ion:128 Resp: 743692
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.1 8.7 13.1

