

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006195.D
 Acq On : 28 Sep 2021 17:55
 Operator : SY/MD
 Sample : M3933-04
 Misc : 1.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0923-XYL-4

Quant Time: Sep 29 03:21:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

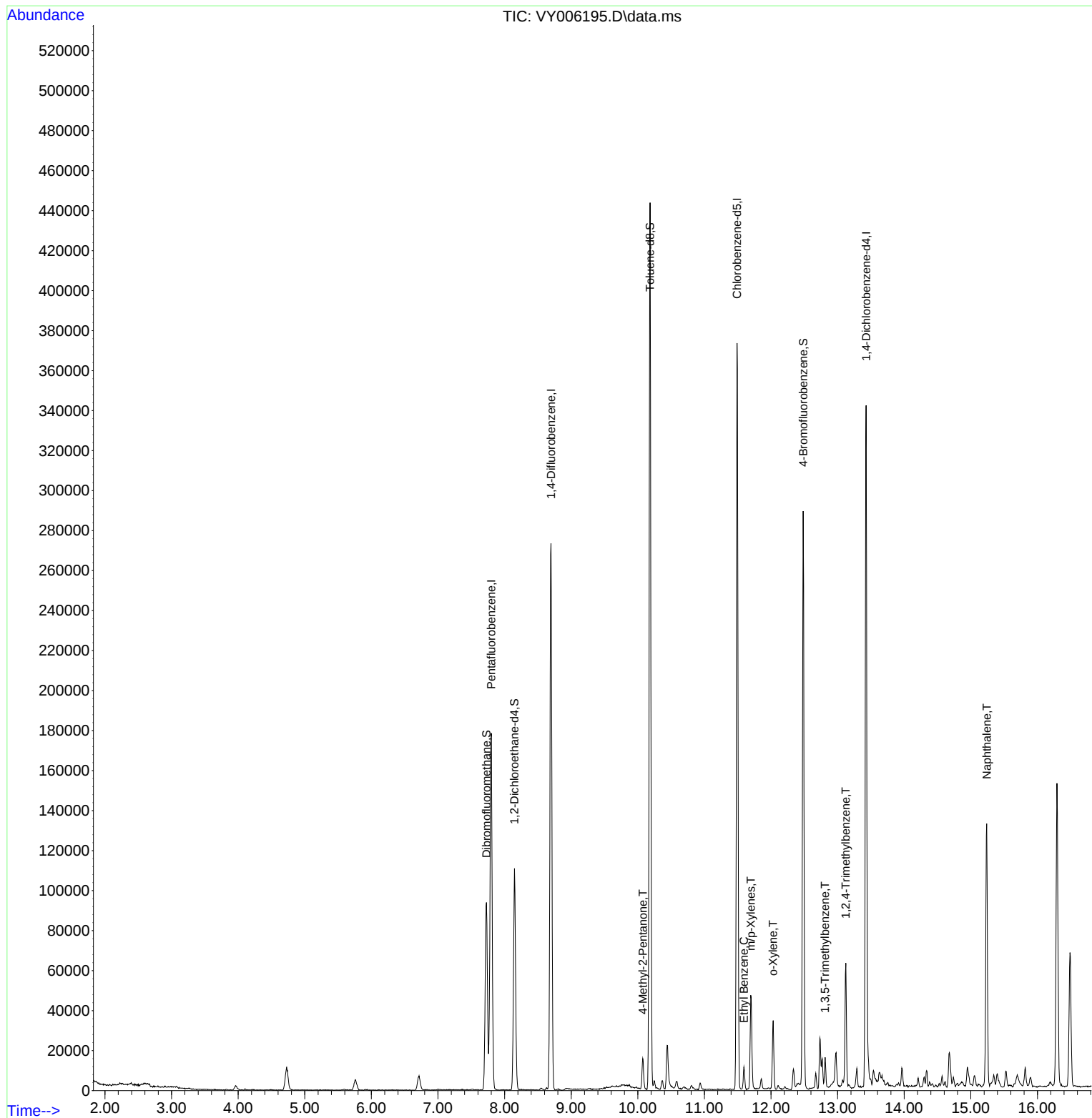
Internal Standards						
1) Pentafluorobenzene	7.801	168	139183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	86729	58.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.440%	
35) Dibromofluoromethane	7.728	113	64616	53.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.185	98	284511	56.717	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.440%	
62) 4-Bromofluorobenzene	12.483	95	80755	47.388	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.780%	
Target Compounds						
					Qvalue	
51) 4-Methyl-2-Pentanone	10.075	43	10665	8.236	ug/l	100
67) Ethyl Benzene	11.593	91	7293	1.011	ug/l	99
68) m/p-Xylenes	11.697	106	13454	4.916	ug/l	95
69) o-Xylene	12.032	106	8123	3.143	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	6537	1.291	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	31531	6.309	ug/l	99
95) Naphthalene	15.239	128	105247	32.602	ug/l	99

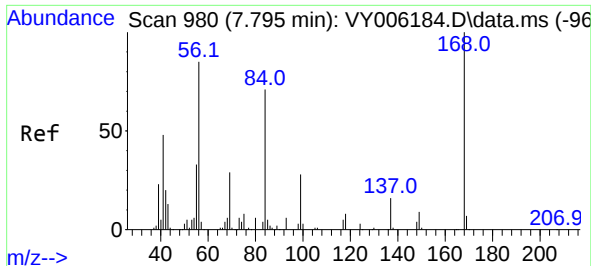
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006195.D
Acq On : 28 Sep 2021 17:55
Operator : SY/MD
Sample : M3933-04
Misc : 1.25G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0923-XYL-4

Quant Time: Sep 29 03:21:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

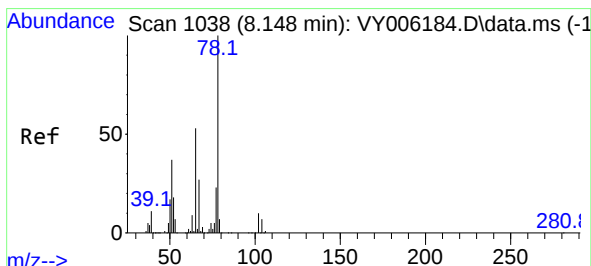
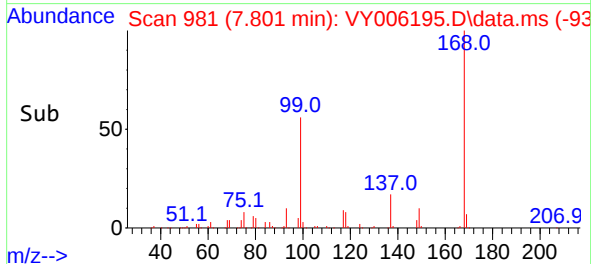
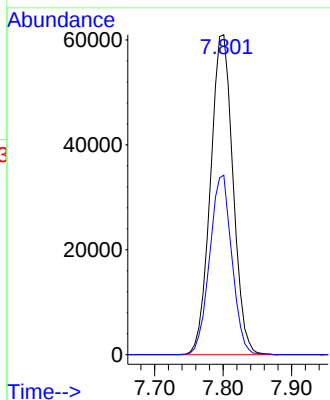
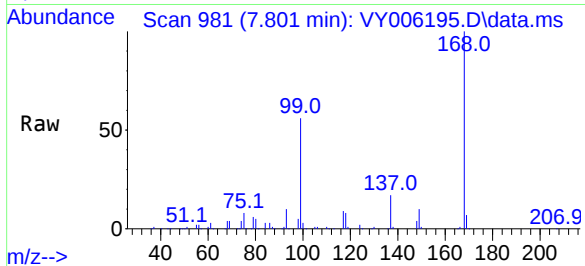




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

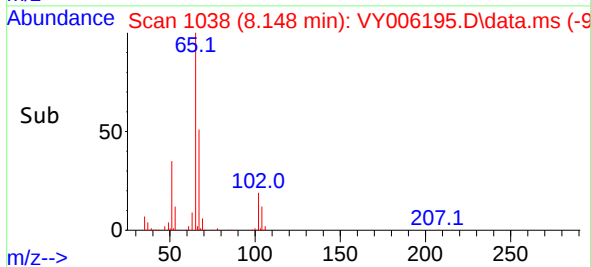
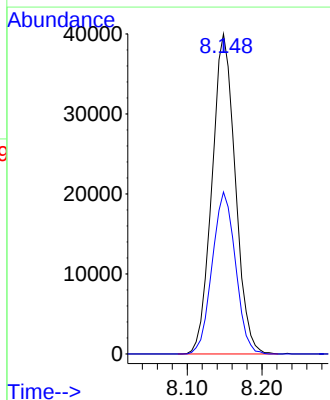
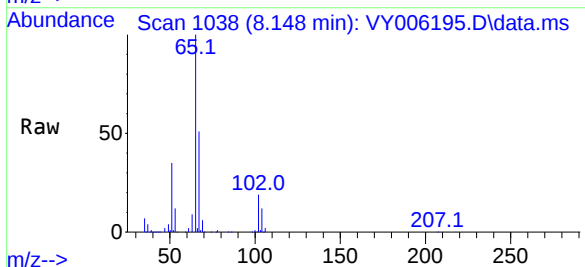
Instrument :
MSVOA_Y
ClientSampleId :
191-0923-XYL-4

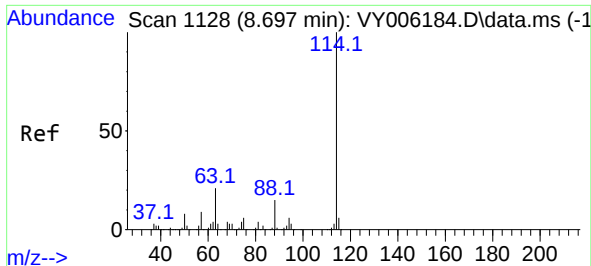
Tgt Ion:168 Resp: 139183
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.220 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

Tgt Ion: 65 Resp: 86729
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006195.D

Acq: 28 Sep 2021 17:55

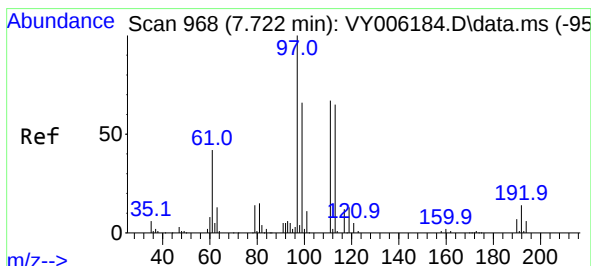
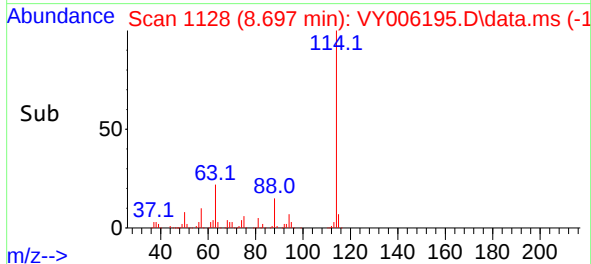
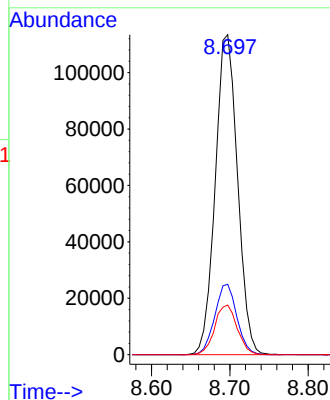
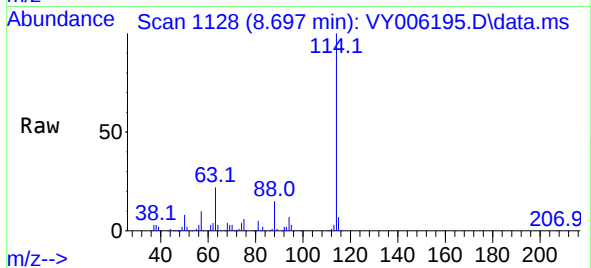
Tgt Ion:114 Resp: 224346

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.910 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006195.D

Acq: 28 Sep 2021 17:55

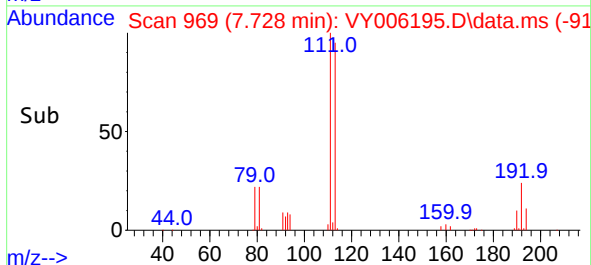
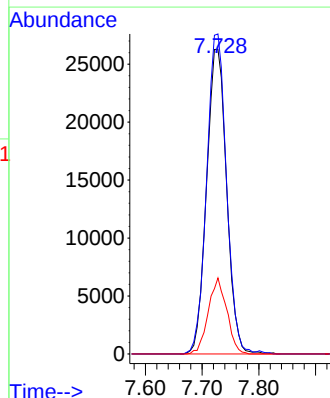
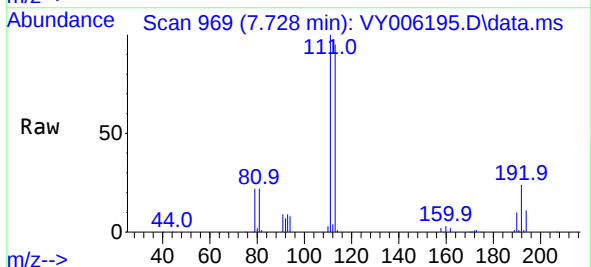
Tgt Ion:113 Resp: 64616

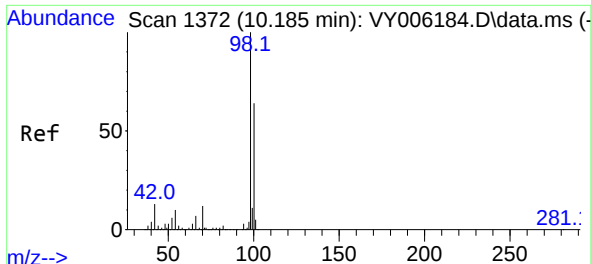
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 23.0 17.6 26.4

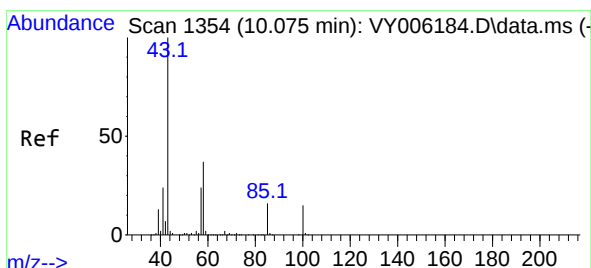
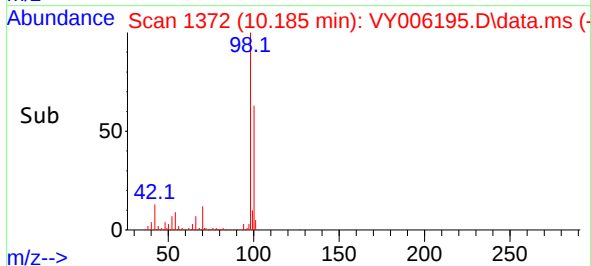
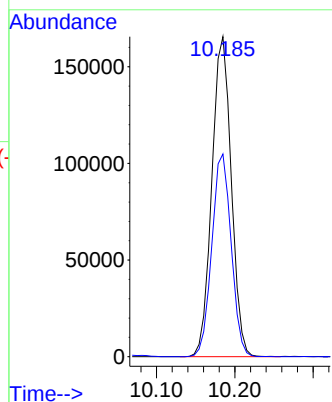
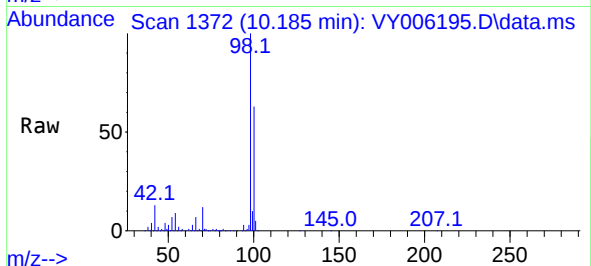




#50
Toluene-d8
Concen: 56.717 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

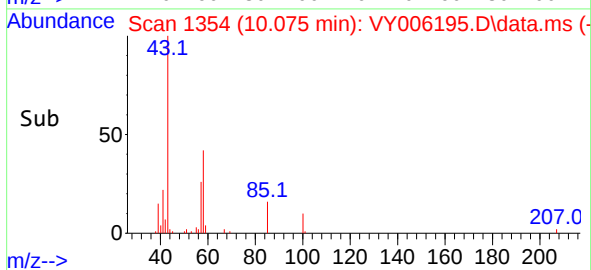
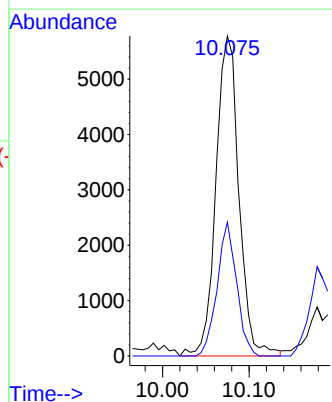
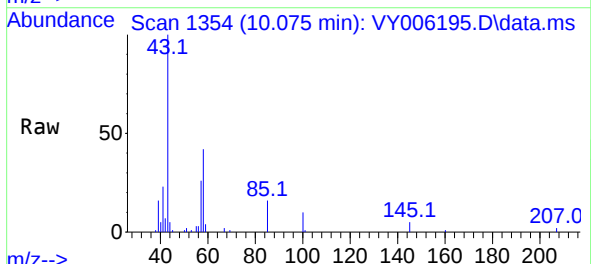
Instrument :
MSVOA_Y
ClientSampleId :
191-0923-XYL-4

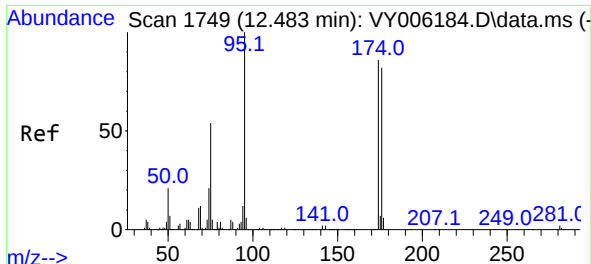
Tgt Ion: 98 Resp: 284511
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 8.236 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

Tgt Ion: 43 Resp: 10665
Ion Ratio Lower Upper
43 100
58 35.4 28.1 42.1

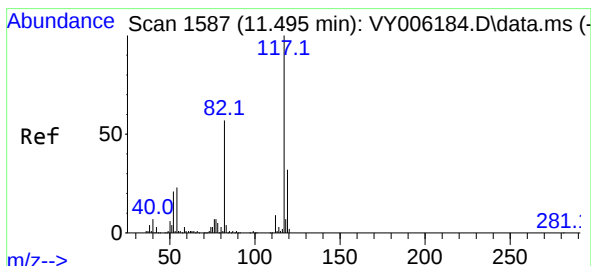
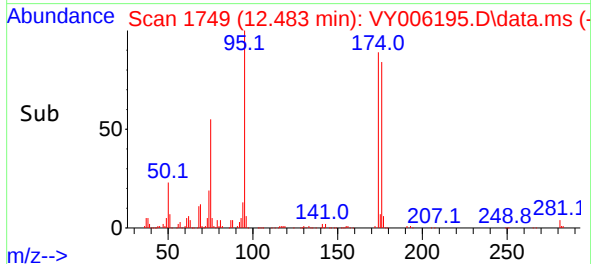
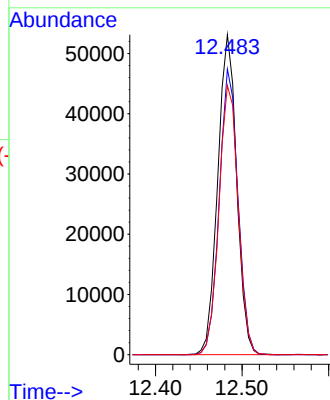
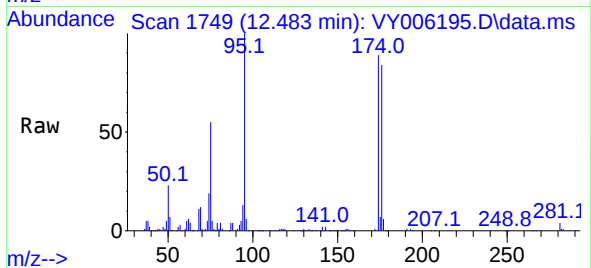




#62
4-Bromofluorobenzene
Concen: 47.388 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

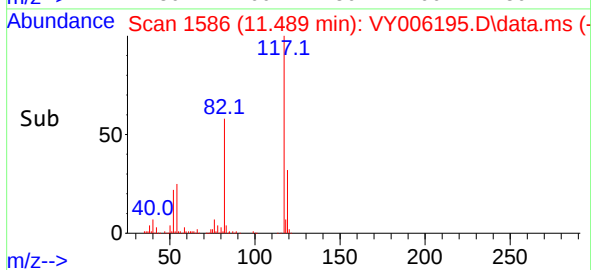
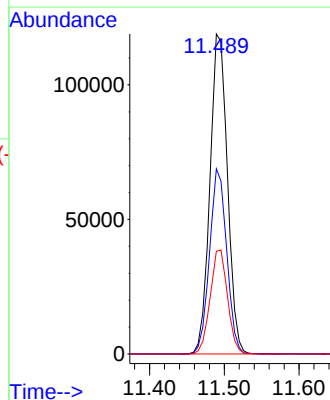
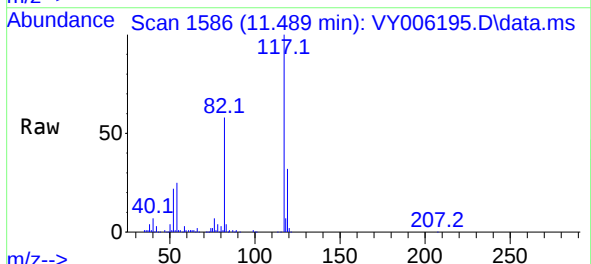
Instrument :
MSVOA_Y
ClientSampleId :
191-0923-XYL-4

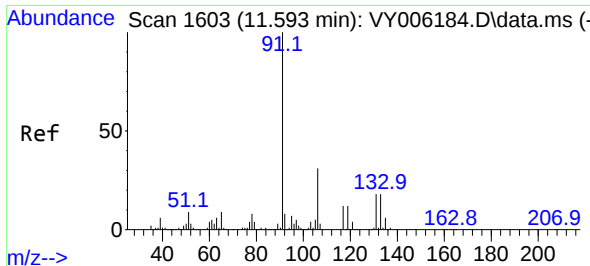
Tgt Ion:	95	Resp:	80755
Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	177.0
176	85.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

Tgt Ion:	117	Resp:	193085
Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.0	64.4
119	32.1	25.4	38.0

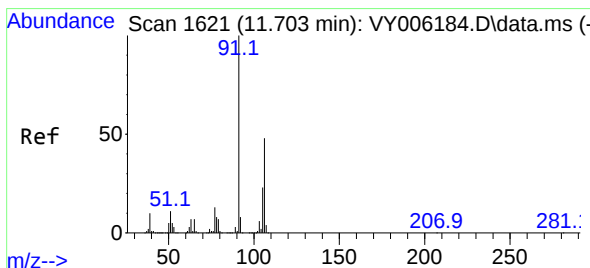
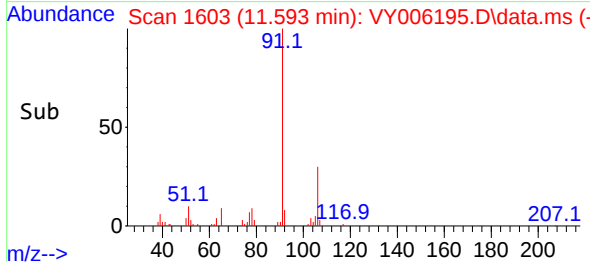
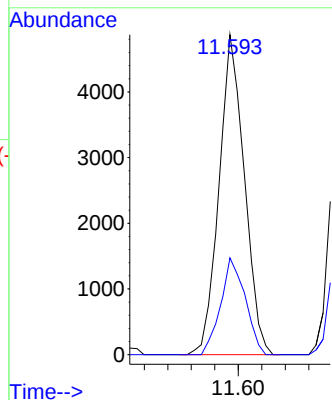
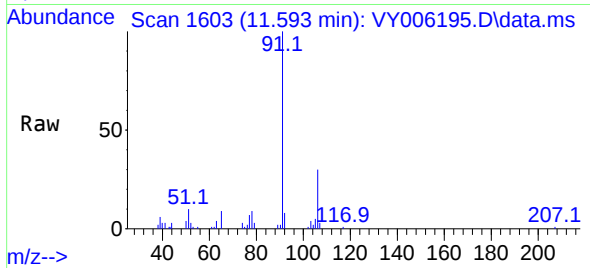




#67
Ethyl Benzene
Concen: 1.011 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

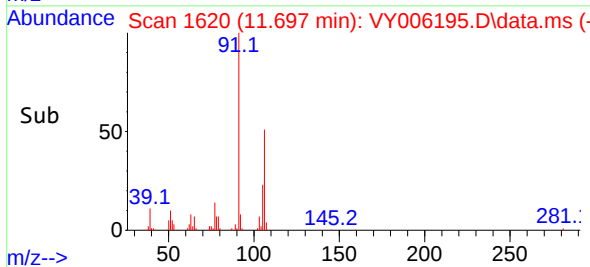
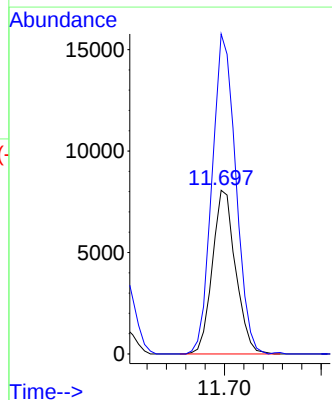
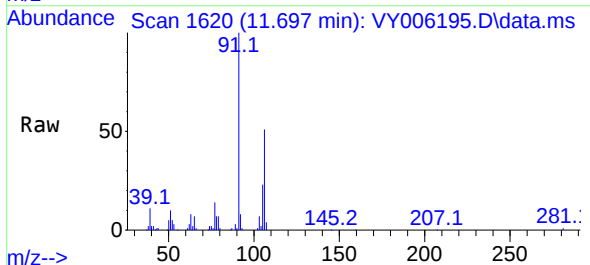
Instrument :
MSVOA_Y
ClientSampleId :
191-0923-XYL-4

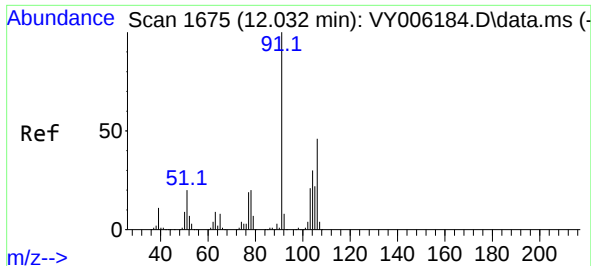
Tgt Ion: 91 Resp: 7293
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7



#68
m/p-Xylenes
Concen: 4.916 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

Tgt Ion: 106 Resp: 13454
Ion Ratio Lower Upper
106 100
91 199.7 166.6 249.8

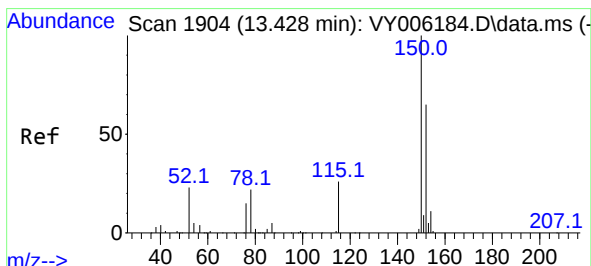
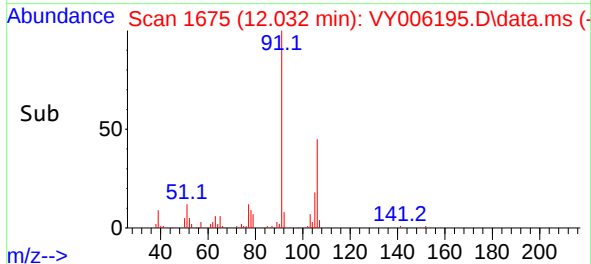
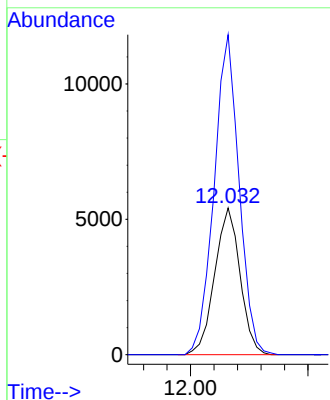
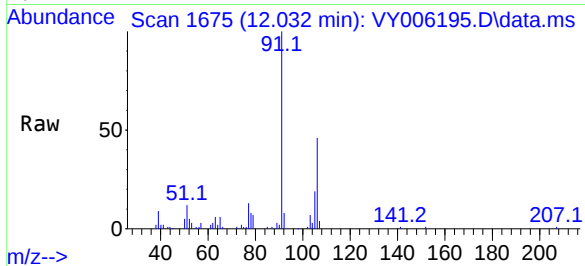




#69
o-Xylene
Concen: 3.143 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

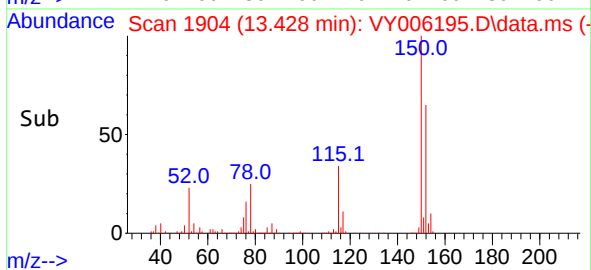
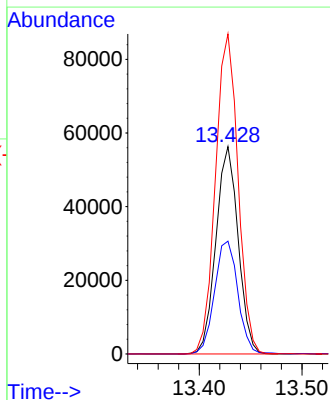
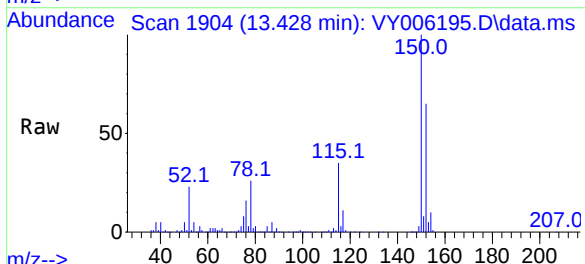
Instrument :
MSVOA_Y
ClientSampleId :
191-0923-XYL-4

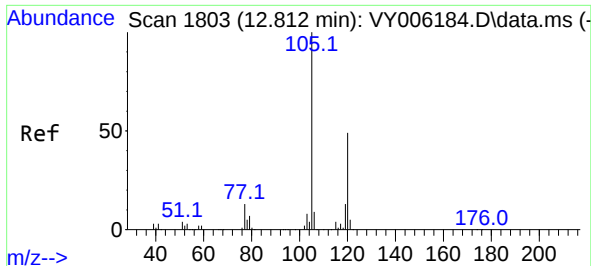
Tgt Ion:106 Resp: 8123
Ion Ratio Lower Upper
106 100
91 214.8 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

Tgt Ion:152 Resp: 84509
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.6 0.0 347.6

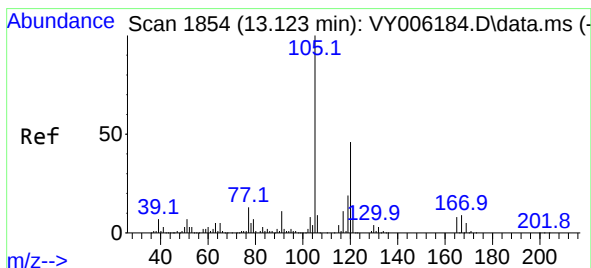
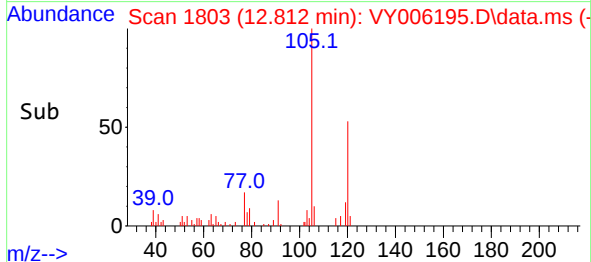
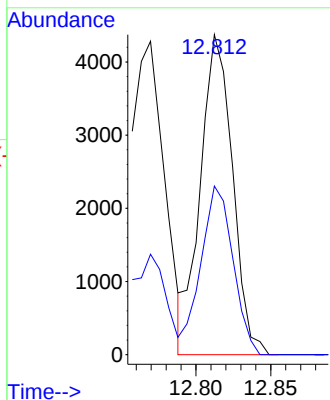
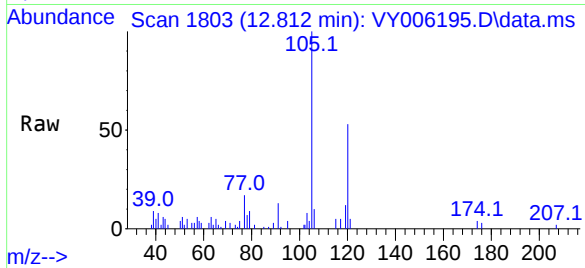




#80
1,3,5-Trimethylbenzene
Concen: 1.291 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

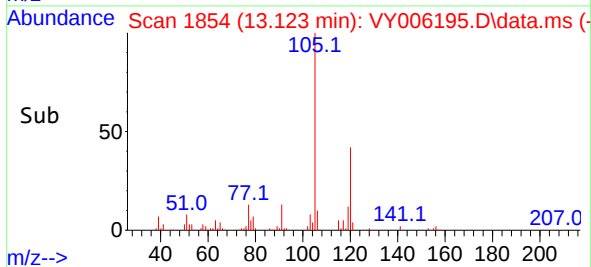
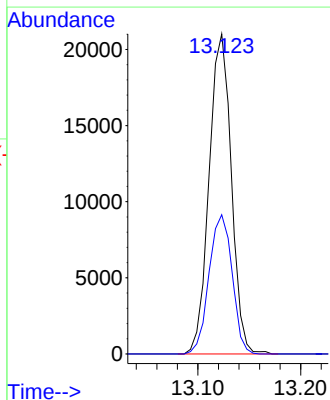
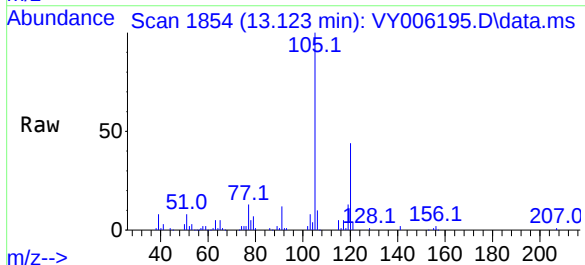
Instrument :
MSVOA_Y
ClientSampleId :
191-0923-XYL-4

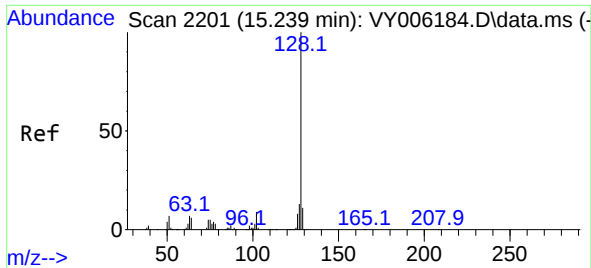
Tgt Ion:105 Resp: 6537
Ion Ratio Lower Upper
105 100
120 52.7 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 6.309 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

Tgt Ion:105 Resp: 31531
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





#95
Naphthalene
Concen: 32.602 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006195.D
Acq: 28 Sep 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :
191-0923-XYL-4

Tgt Ion:128 Resp: 105247

Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.0	16.4
129	11.1	8.4	12.6

