

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004824.D
 Acq On : 18 May 2021 13:55
 Operator : SY/MD
 Sample : M2392-07
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-3.5-4.0

Quant Time: May 19 01:03:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

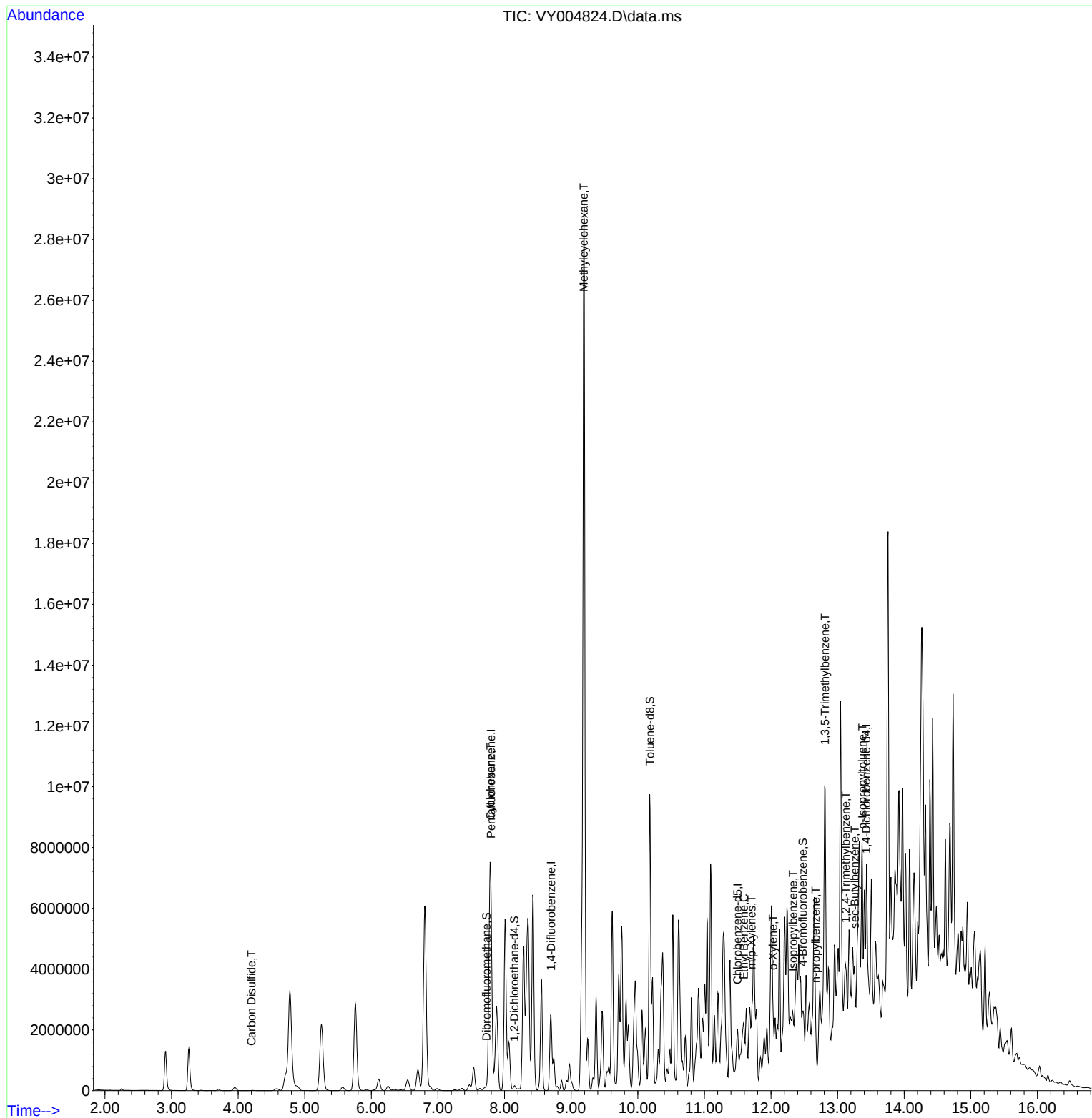
Internal Standards						
1) Pentafluorobenzene	7.795	168	174996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	323939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113610	54.54	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.08%			
35) Dibromofluoromethane	7.728	113	79361	44.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.24%			
50) Toluene-d8	10.185	98	818630	100.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 201.48%#			
62) 4-Bromofluorobenzene	12.477	95	301802	110.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 220.08%#			
Target Compounds						Qvalue
17) Carbon Disulfide	4.198	76	14612	2.77	ug/l	99
31) Cyclohexane	7.789	56	3736906	1108.30	ug/l	93
39) Methylcyclohexane	9.191	83	11108402	3025.03	ug/l	93
67) Ethyl Benzene	11.593	91	450508	36.37	ug/l	100
68) m/p-Xylenes	11.709	106	203923	43.82	ug/l	94
69) o-Xylene	12.032	106	89012	20.46	ug/l	83
73) Isopropylbenzene	12.331	105	258420	17.38	ug/l	100
78) n-propylbenzene	12.672	91	400081	22.05	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	145139	11.75	ug/l	97
84) 1,2,4-Trimethylbenzene	13.124	105	596065	48.23	ug/l	100
85) sec-Butylbenzene	13.258	105	140013	9.14	ug/l #	67
86) p-Isopropyltoluene	13.373	119	205106	15.44	ug/l	90

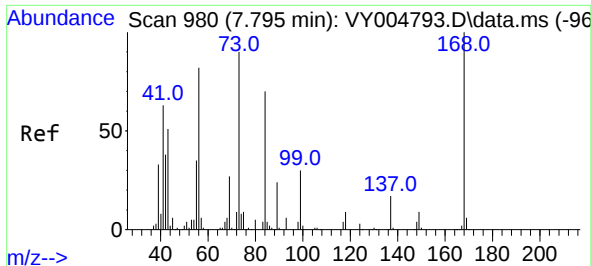
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
Data File : VY004824.D
Acq On : 18 May 2021 13:55
Operator : SY/MD
Sample : M2392-07
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-3.5-4.0

Quant Time: May 19 01:03:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

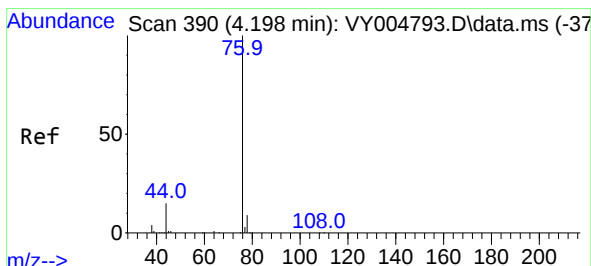
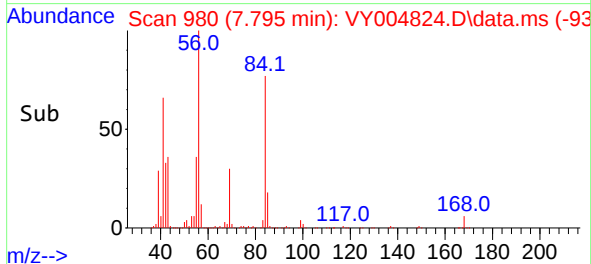
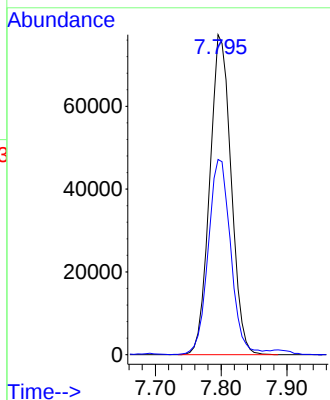
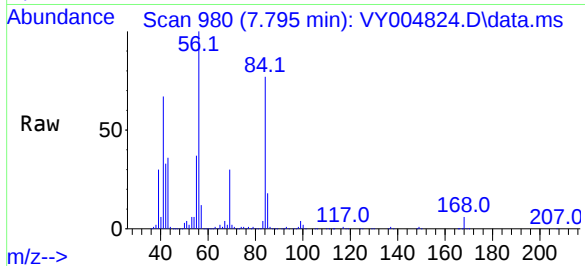




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

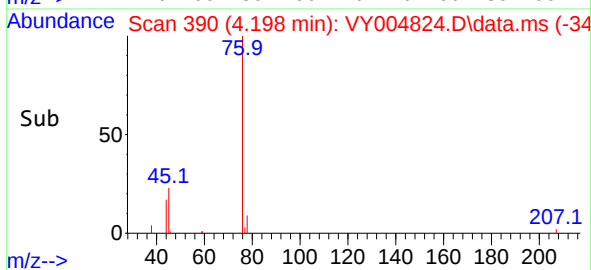
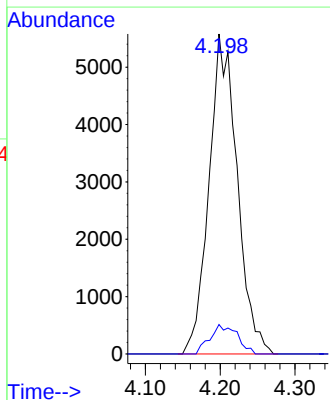
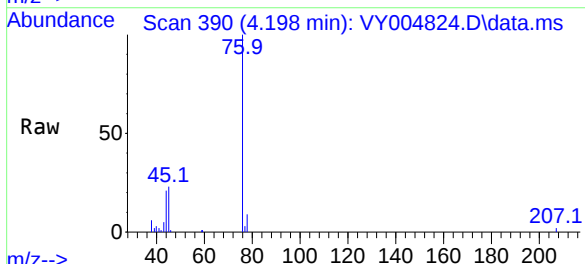
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-3.5-4.0

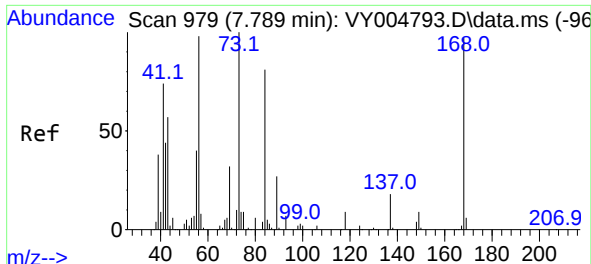
Tgt Ion:168 Resp: 174996
Ion Ratio Lower Upper
168 100
99 60.9 45.6 68.4



#17
Carbon Disulfide
Concen: 2.77 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

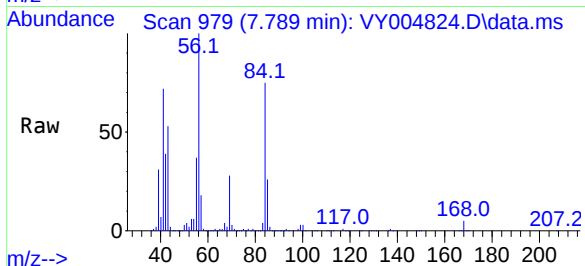
Tgt Ion: 76 Resp: 14612
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





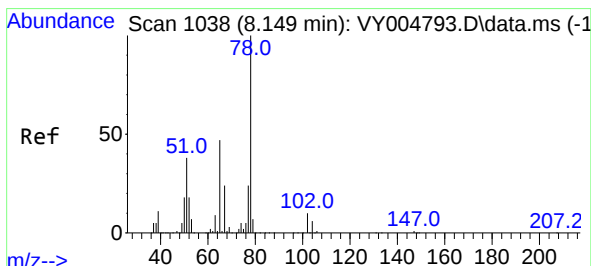
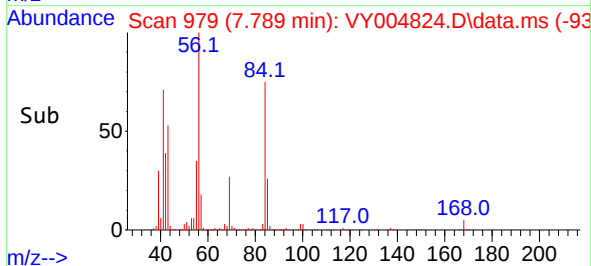
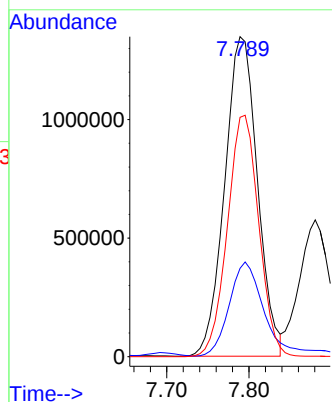
#31
Cyclohexane
Concen: 1108.30 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-3.5-4.0



Tgt Ion: 56 Resp: 3736906

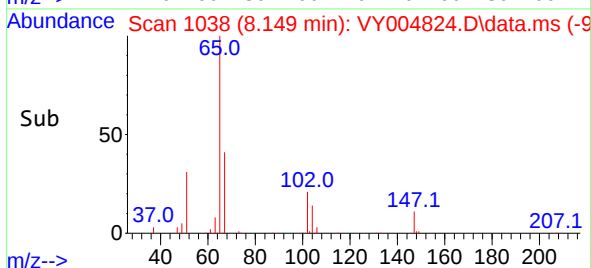
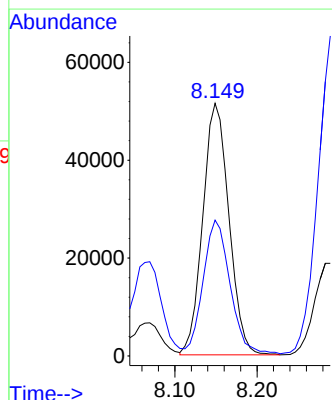
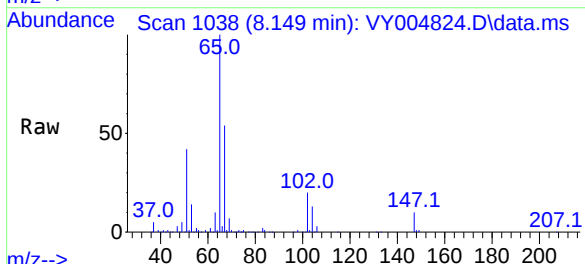
Ion	Ratio	Lower	Upper
56	100		
69	27.1	24.4	36.6
84	74.9	64.8	97.2

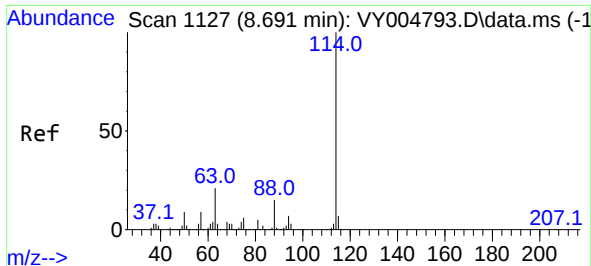


#33
1,2-Dichloroethane-d4
Concen: 54.54 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 65 Resp: 113610

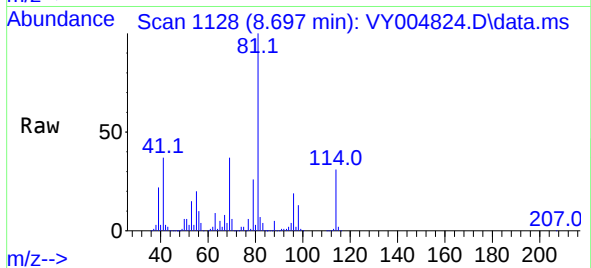
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.0



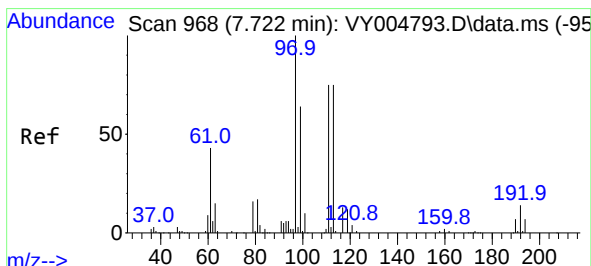
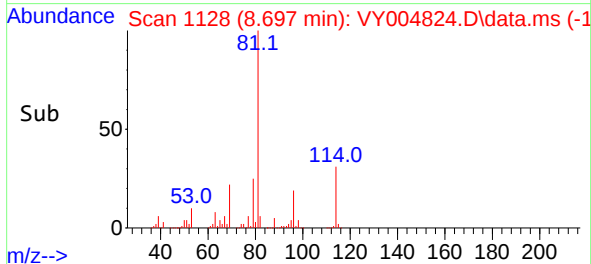
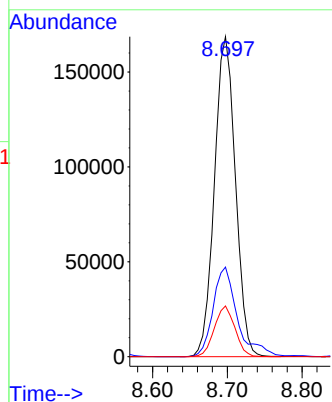


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-3.5-4.0

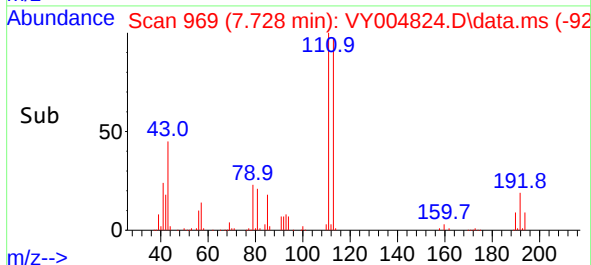
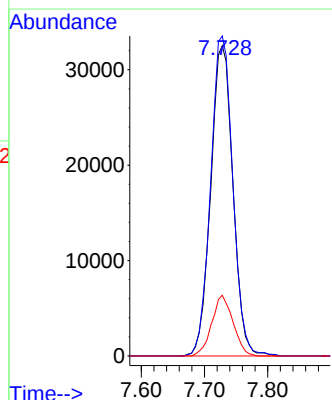
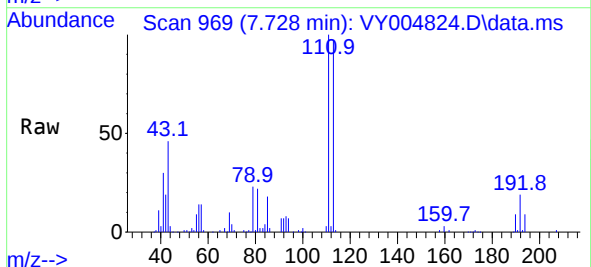


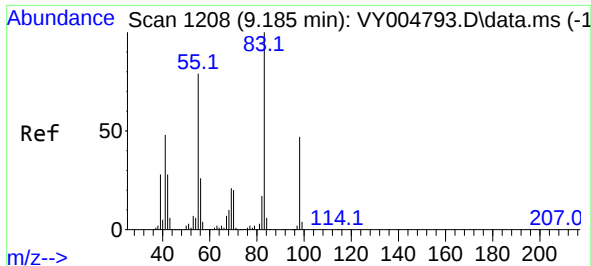
Tgt Ion:114 Resp: 328576
Ion Ratio Lower Upper
114 100
63 28.0 0.0 42.8
88 15.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 44.12 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:113 Resp: 79361
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 18.7 15.0 22.6

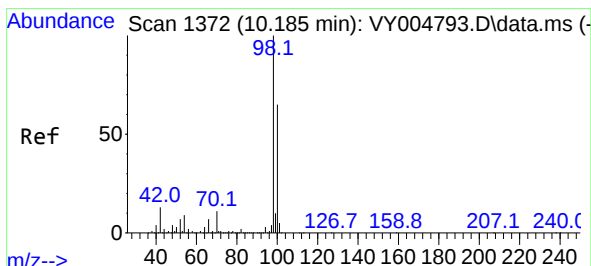
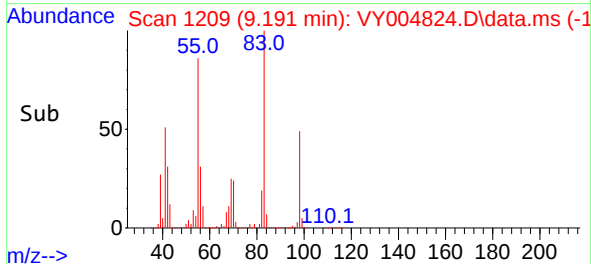
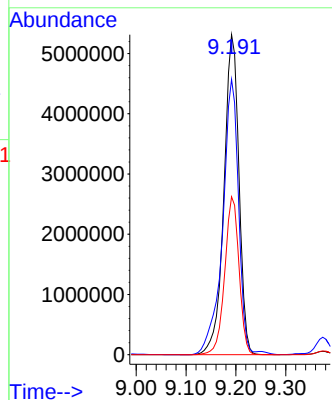
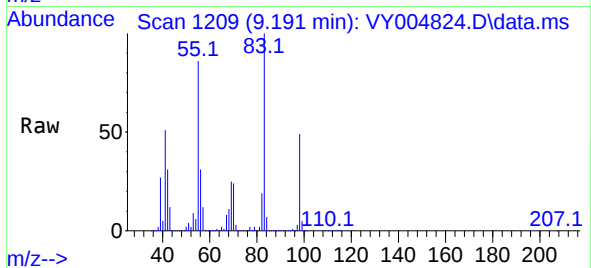




#39
Methylcyclohexane
Concen: 3025.03 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

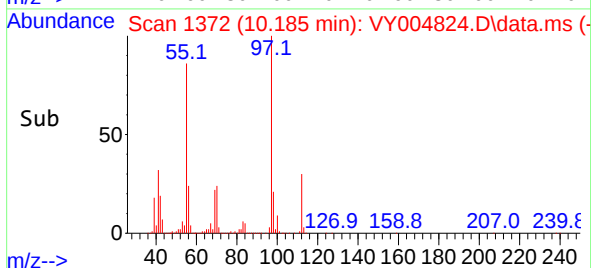
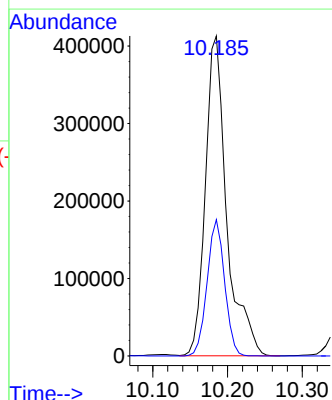
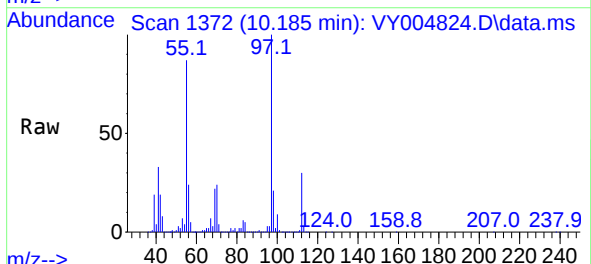
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-3.5-4.0

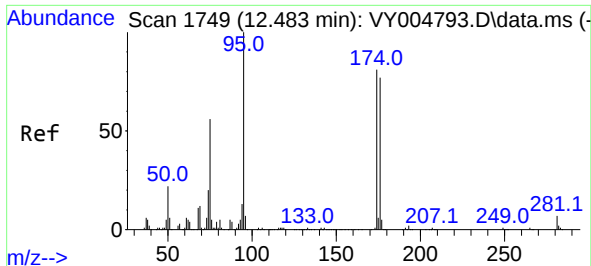
Tgt Ion: 83 Resp:11108402
Ion Ratio Lower Upper
83 100
55 86.0 62.6 94.0
98 49.3 37.8 56.6



#50
Toluene-d8
Concen: 100.74 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 98 Resp: 818630
Ion Ratio Lower Upper
98 100
100 34.9 51.5 77.3#

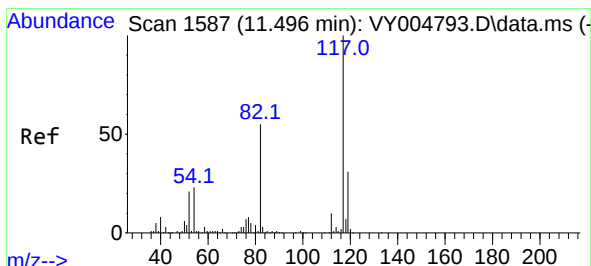
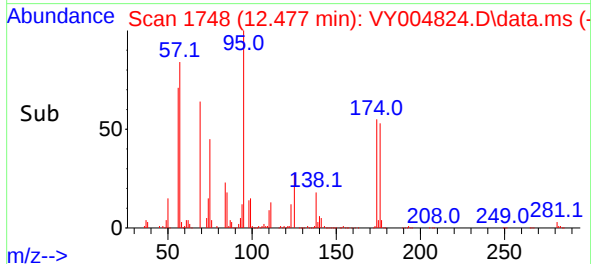
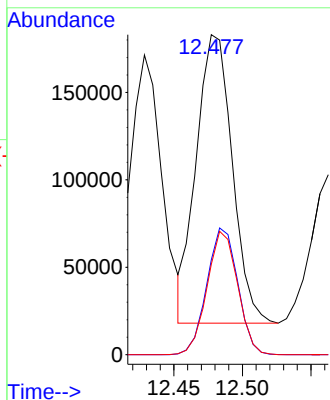
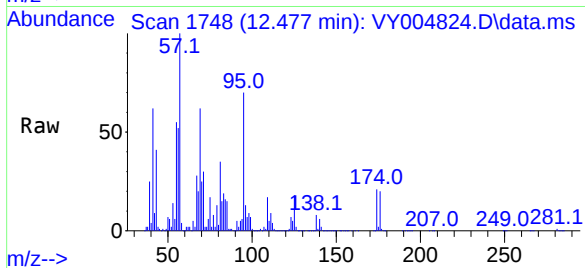




#62
4-Bromofluorobenzene
Concen: 110.04 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

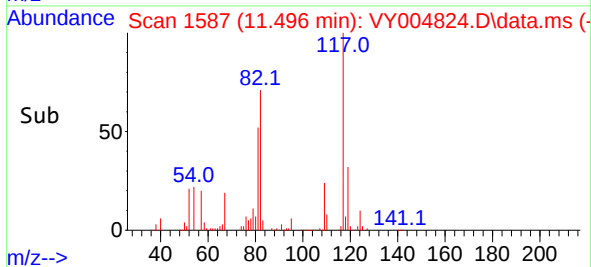
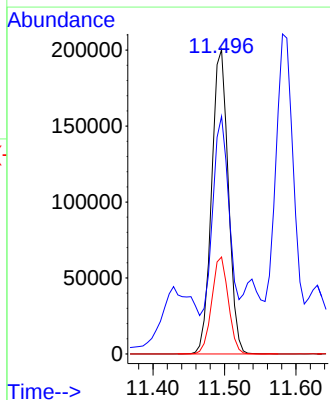
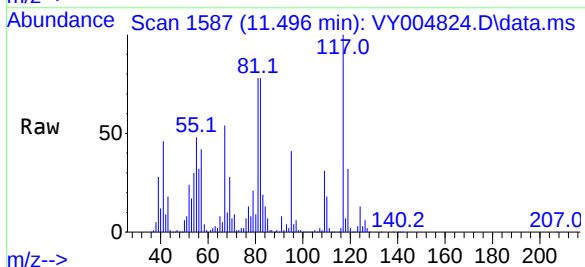
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-3.5-4.0

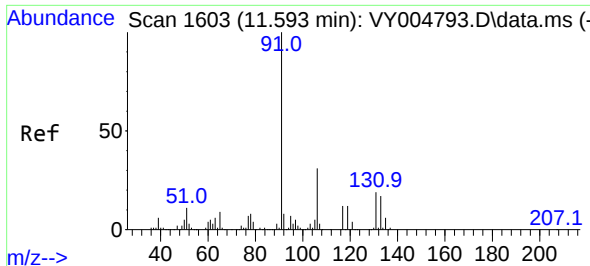
Tgt Ion: 95 Resp: 301802
Ion Ratio Lower Upper
95 100
174 37.6 0.0 164.2
176 36.3 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 117 Resp: 323939
Ion Ratio Lower Upper
117 100
82 58.6 45.4 68.2
119 31.9 25.8 38.6

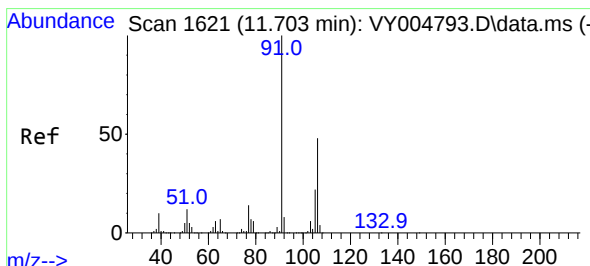
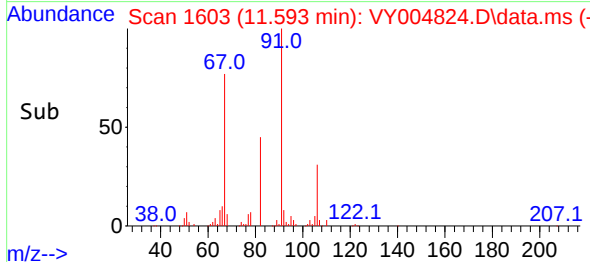
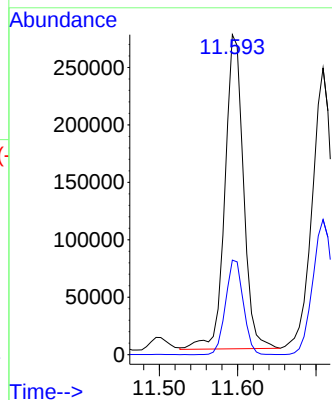
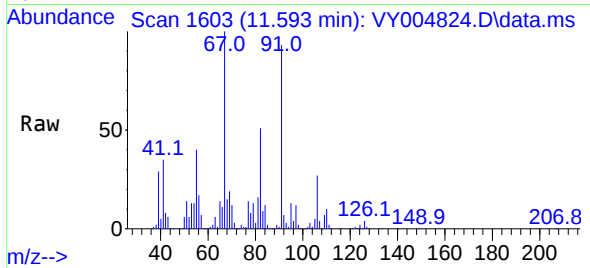




#67
Ethyl Benzene
Concen: 36.37 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

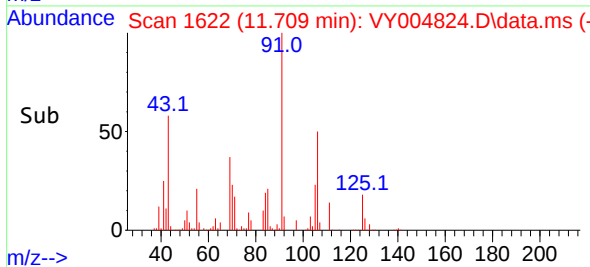
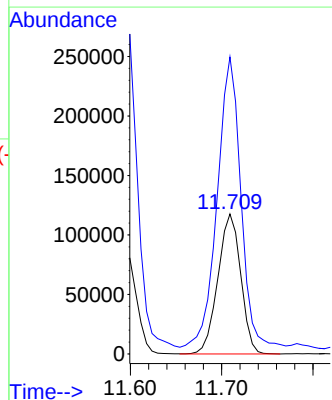
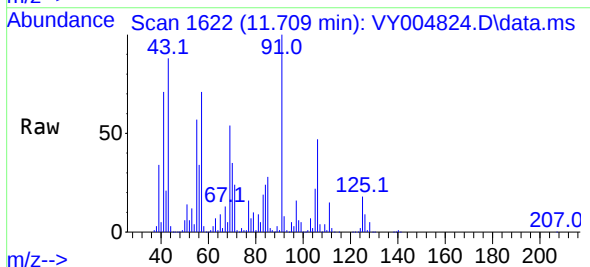
Instrument :
MSVOA_Y
ClientSampled :
SB-03-3.5-4.0

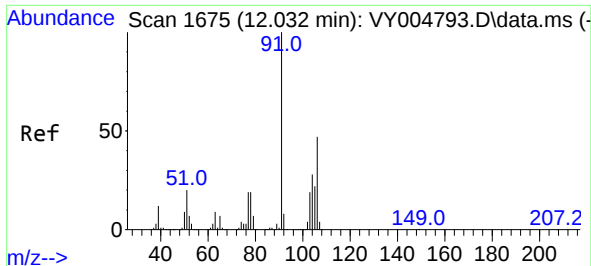
Tgt Ion: 91 Resp: 450508
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 43.82 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:106 Resp: 203923
Ion Ratio Lower Upper
106 100
91 213.5 163.6 245.4

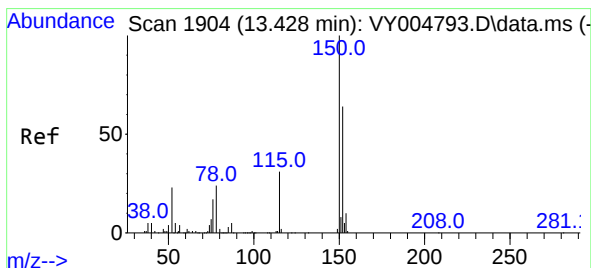
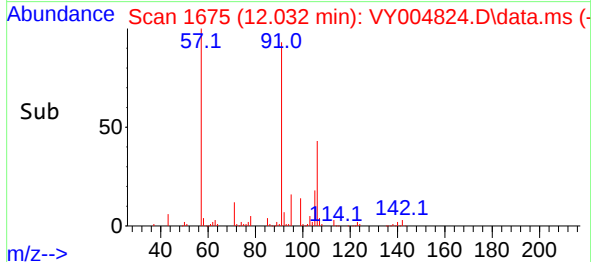
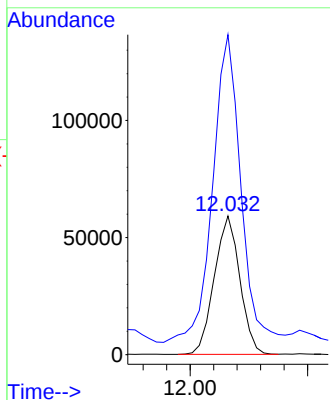
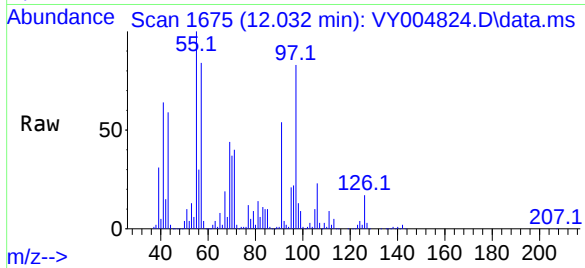




#69
o-Xylene
Concen: 20.46 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

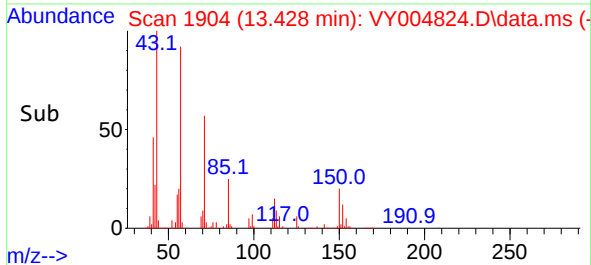
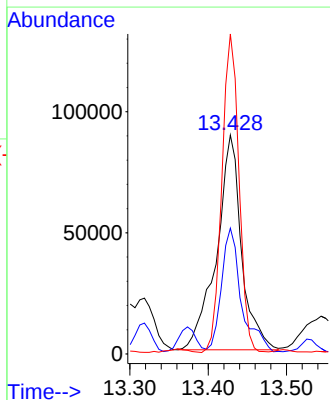
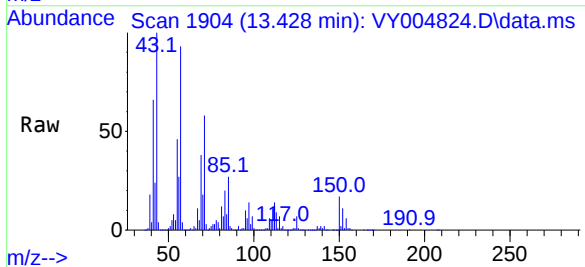
Instrument :
MSVOA_Y
ClientSampled :
SB-03-3.5-4.0

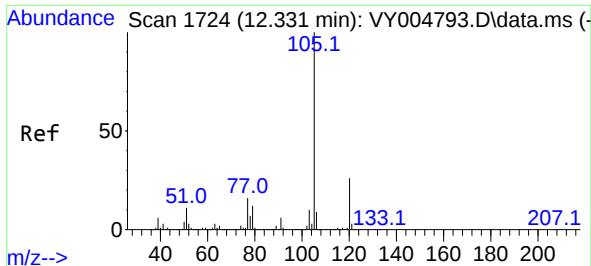
Tgt Ion:106 Resp: 89012
Ion Ratio Lower Upper
106 100
91 245.4 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:152 Resp: 197093
Ion Ratio Lower Upper
152 100
115 45.8 29.4 88.3
150 101.4 0.0 349.8

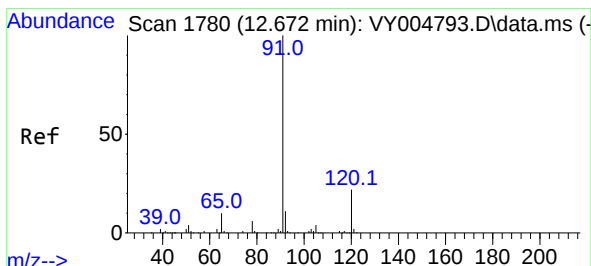
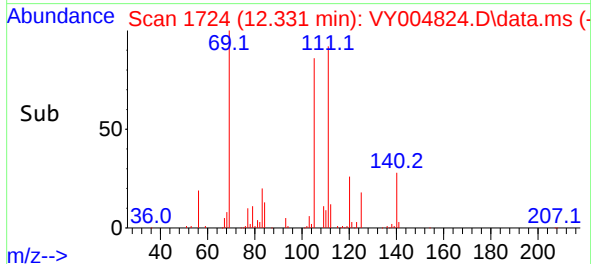
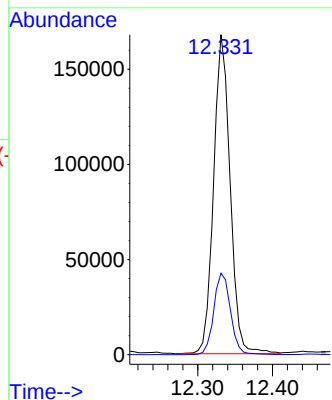
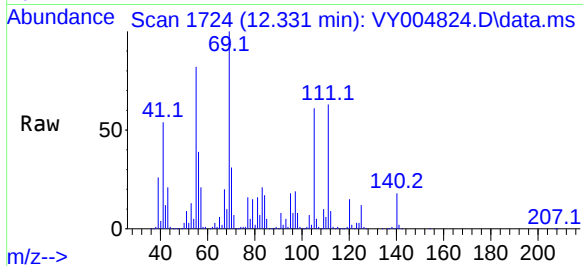




#73
Isopropylbenzene
Concen: 17.38 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

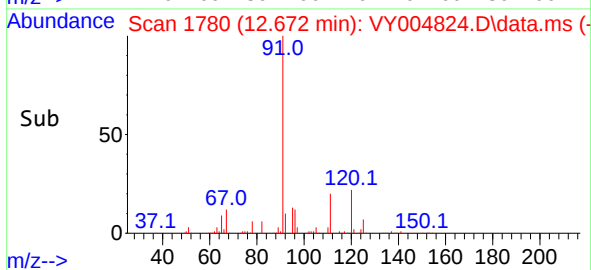
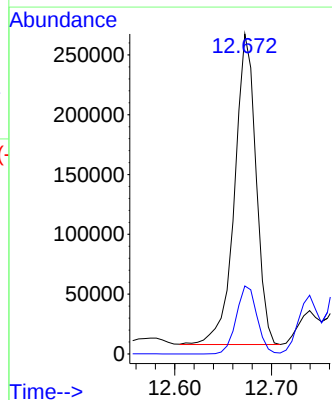
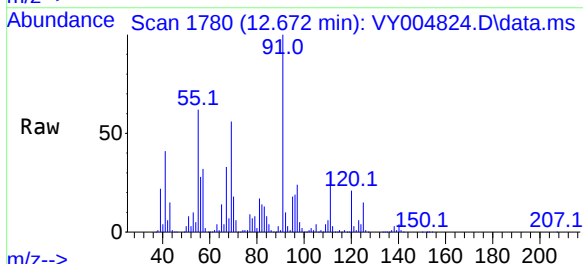
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-3.5-4.0

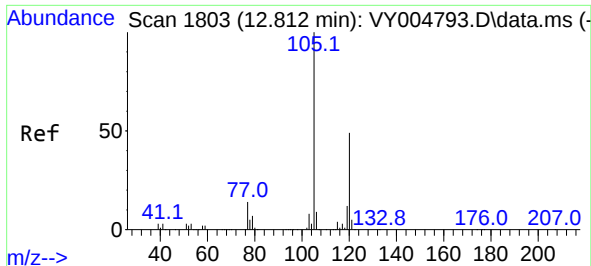
Tgt Ion:105 Resp: 258420
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#78
n-propylbenzene
Concen: 22.05 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 91 Resp: 400081
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.3

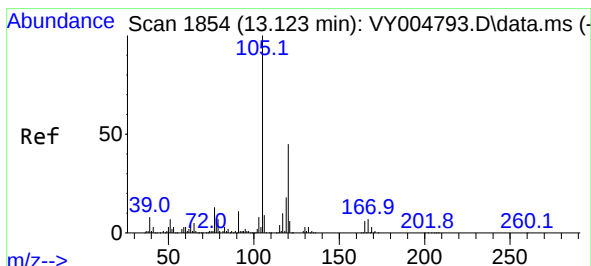
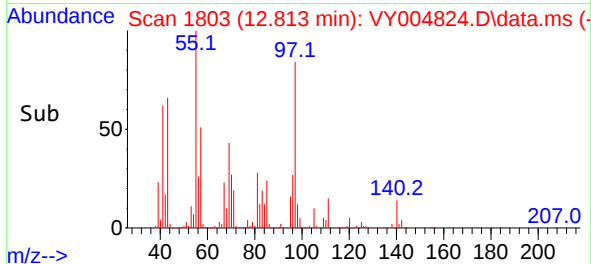
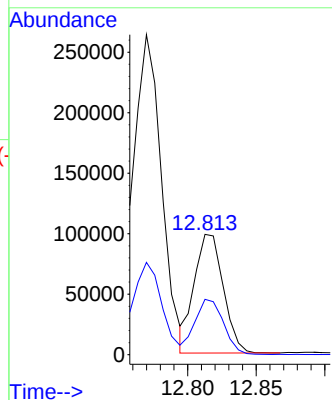
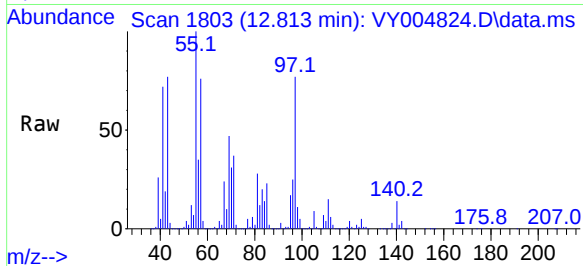




#80
1,3,5-Trimethylbenzene
Concen: 11.75 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

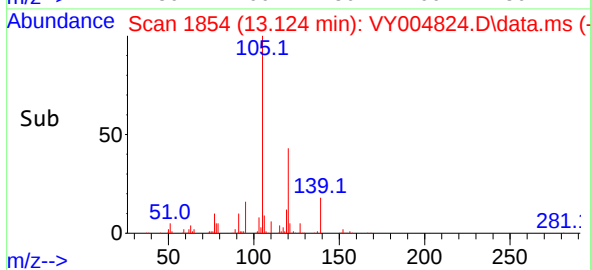
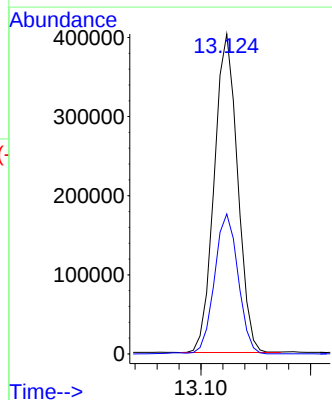
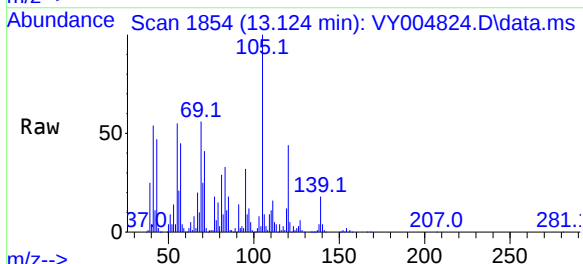
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-3.5-4.0

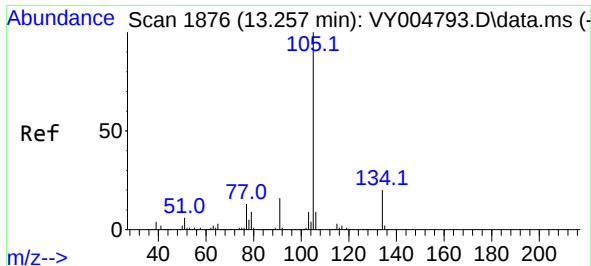
Tgt Ion:105 Resp: 145139
Ion Ratio Lower Upper
105 100
120 46.1 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 48.23 ug/l
RT: 13.124 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:105 Resp: 596065
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5

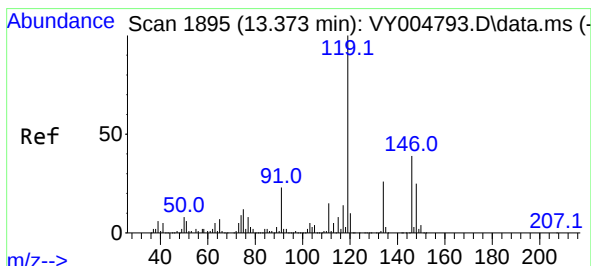
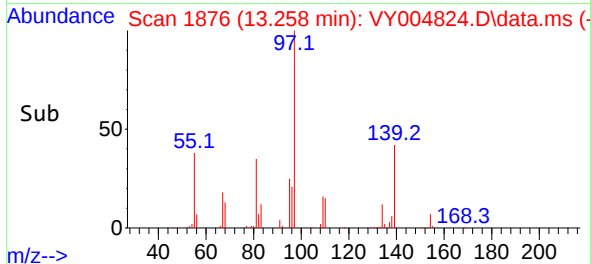
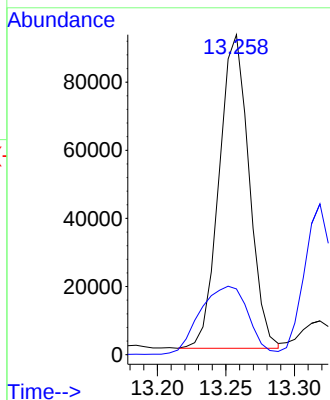
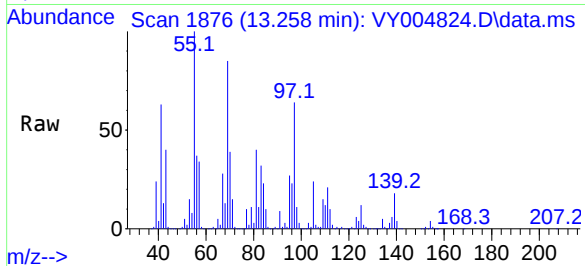




#85
sec-Butylbenzene
Concen: 9.14 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Instrument :
MSVOA_Y
ClientSampled :
SB-03-3.5-4.0

Tgt Ion:105 Resp: 140013
Ion Ratio Lower Upper
105 100
134 34.9 10.0 29.8#



#86
p-Isopropyltoluene
Concen: 15.44 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:119 Resp: 205106
Ion Ratio Lower Upper
119 100
134 25.4 12.9 38.7
91 34.1 12.0 36.1

