

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007390.D
 Acq On : 04 Feb 2022 13:28
 Operator : SY/MD
 Sample : N1381-03RE
 Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-06(15-20)-02-01-22RE

Quant Time: Feb 06 23:34:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

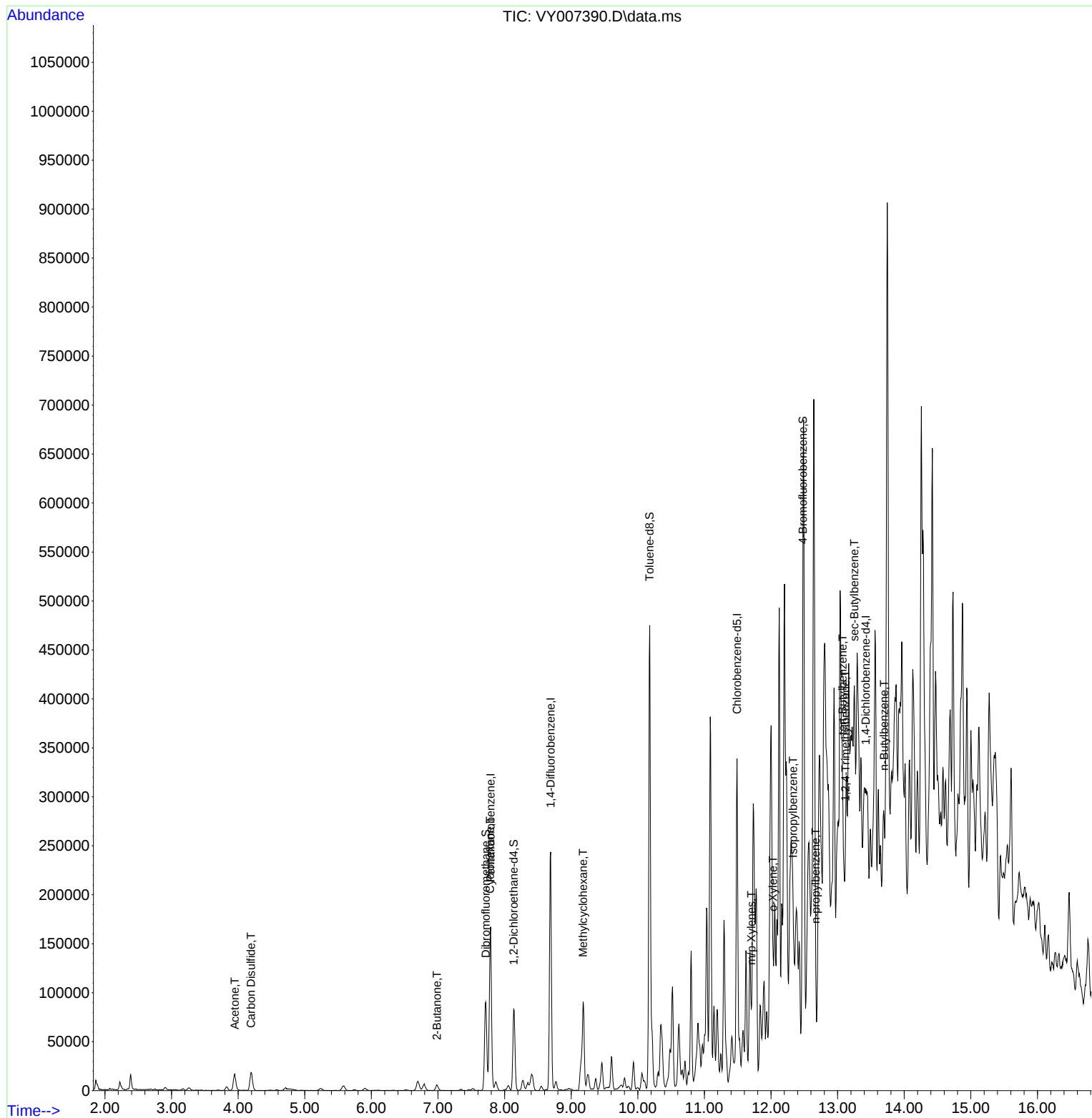
Internal Standards						
1) Pentafluorobenzene	7.789	168	110537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66229	52.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.180%	
35) Dibromofluoromethane	7.716	113	65473	50.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.460%	
50) Toluene-d8	10.179	98	243076	50.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.477	95	69147	42.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.500%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	28275	68.474	ug/l #	88
17) Carbon Disulfide	4.192	76	36615	9.065	ug/l	99
25) 2-Butanone	6.984	43	9402	18.845	ug/l #	84
31) Cyclohexane	7.783	56	10533	4.246	ug/l #	65
39) Methylcyclohexane	9.179	83	38580	13.481	ug/l	91
68) m/p-Xylenes	11.703	106	5558	2.193	ug/l	76
69) o-Xylene	12.032	106	3535	1.475	ug/l	52
73) Isopropylbenzene	12.331	105	8517	2.914	ug/l	93
78) n-propylbenzene	12.672	91	14481	4.090	ug/l	89
83) tert-Butylbenzene	13.075	119	12555	6.048	ug/l	82
84) 1,2,4-Trimethylbenzene	13.117	105	4315	1.838	ug/l	82
85) sec-Butylbenzene	13.251	105	40626	13.047	ug/l #	55
89) n-Butylbenzene	13.696	91	8173	3.348	ug/l	88

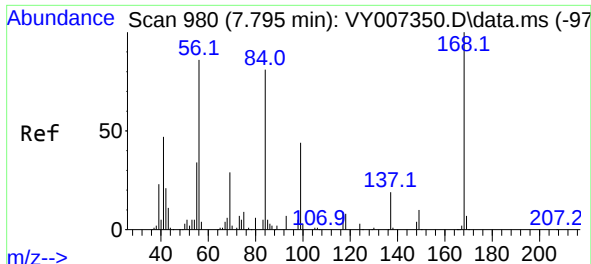
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
Data File : VY007390.D
Acq On : 04 Feb 2022 13:28
Operator : SY/MD
Sample : N1381-03RE
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22RE

Quant Time: Feb 06 23:34:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

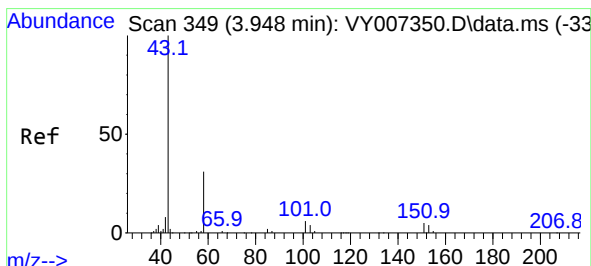
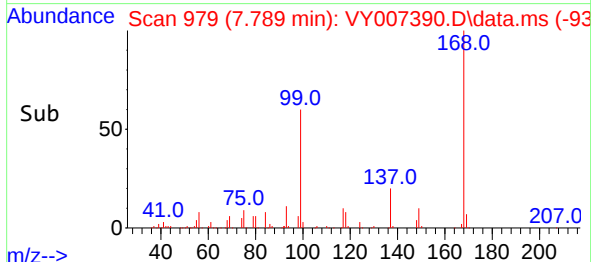
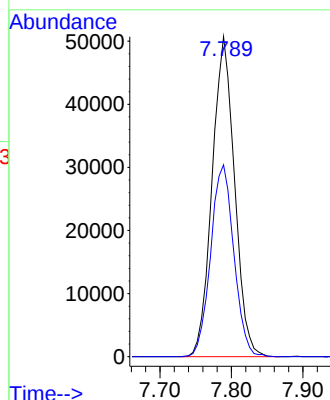
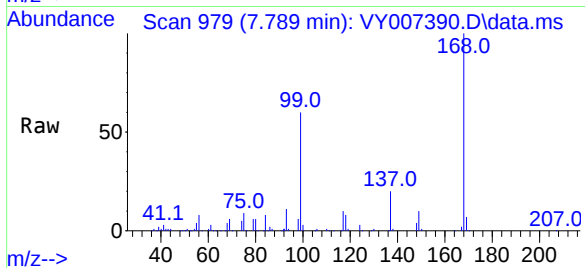




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

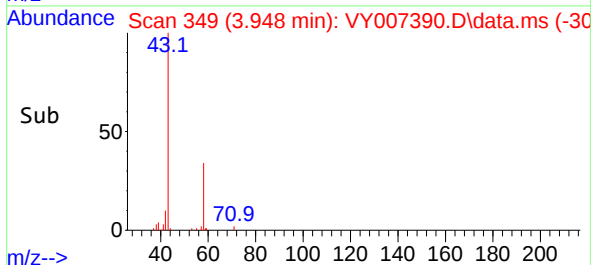
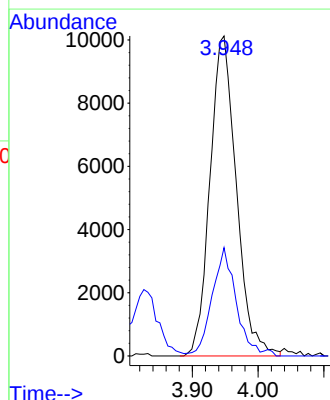
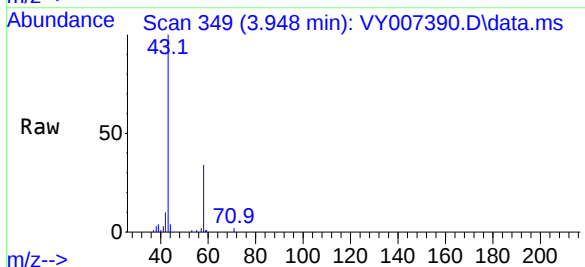
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22RE

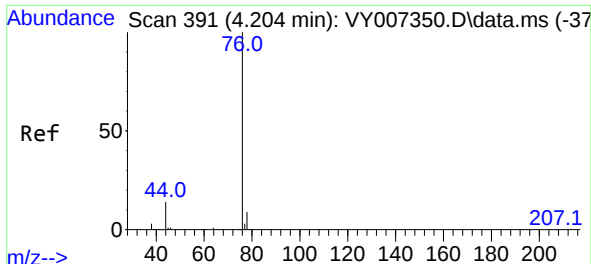
Tgt Ion:168 Resp: 110537
Ion Ratio Lower Upper
168 100
99 60.0 46.9 70.3



#16
Acetone
Concen: 68.474 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

Tgt Ion: 43 Resp: 28275
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#

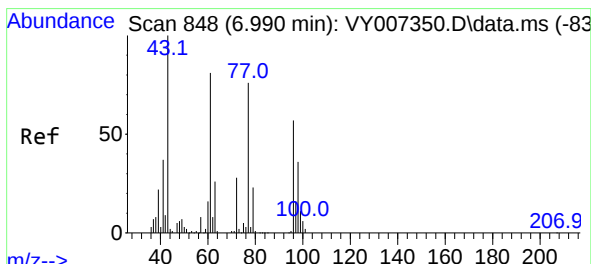
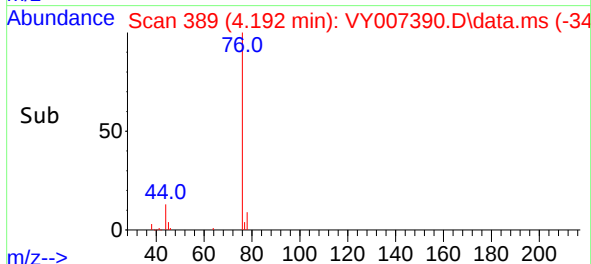
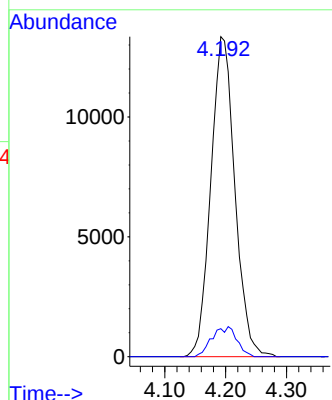
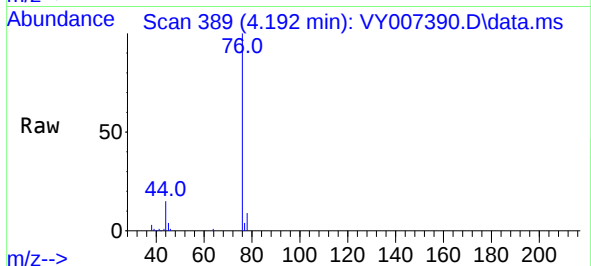




#17
Carbon Disulfide
Concen: 9.065 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

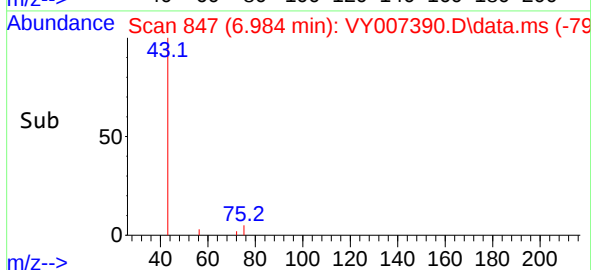
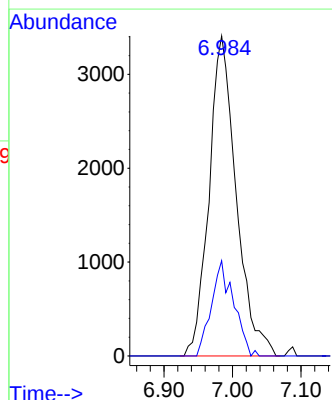
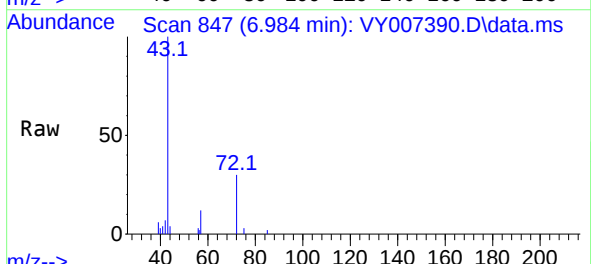
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22RE

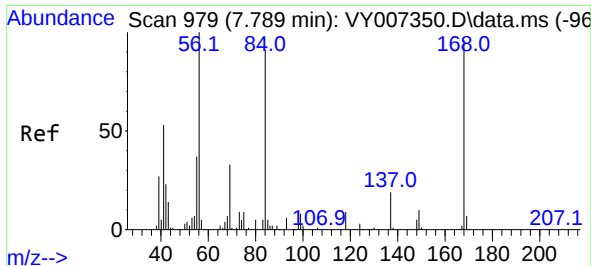
Tgt Ion: 76 Resp: 36615
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#25
2-Butanone
Concen: 18.845 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

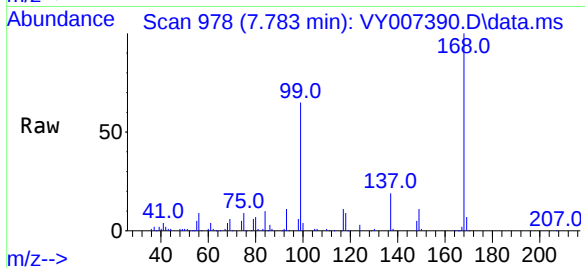
Tgt Ion: 43 Resp: 9402
Ion Ratio Lower Upper
43 100
72 29.7 17.7 26.5#



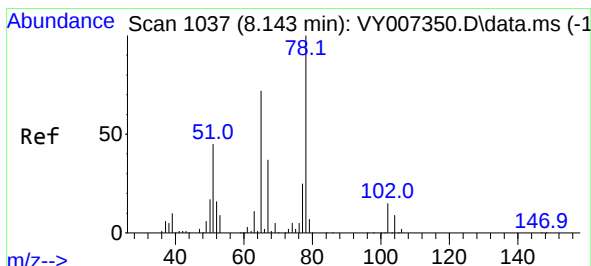
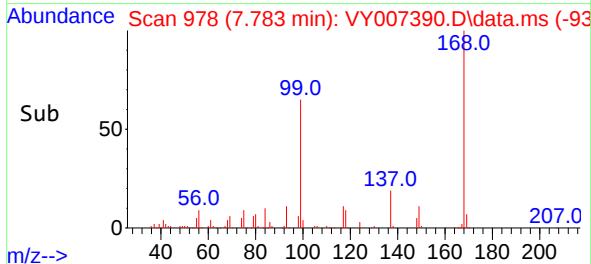
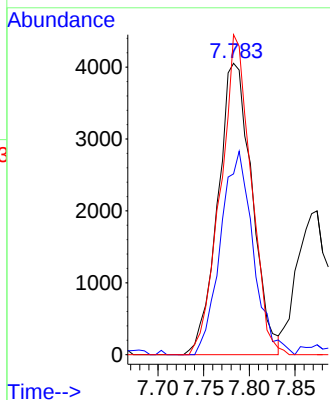


#31
Cyclohexane
Concen: 4.246 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22RE

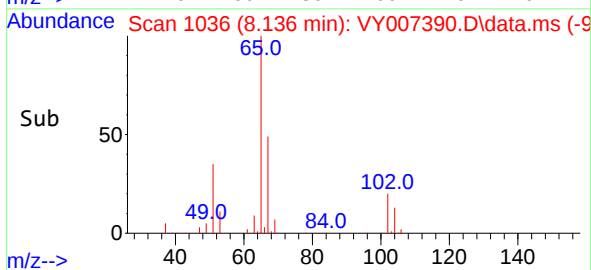
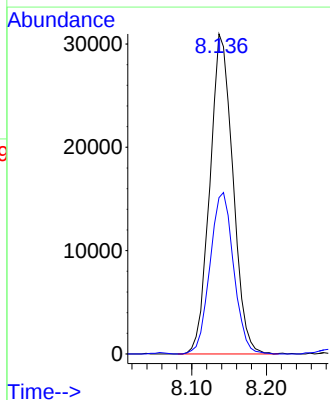
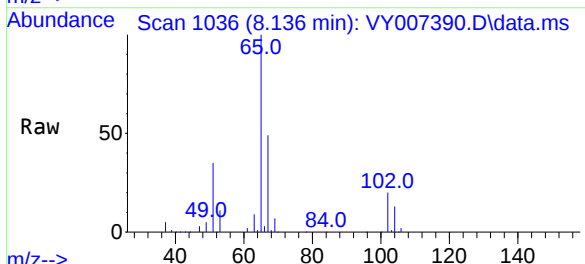


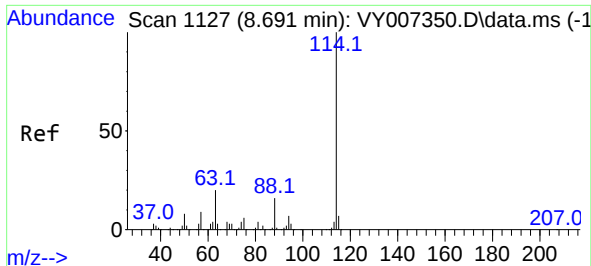
Tgt Ion: 56 Resp: 10533
Ion Ratio Lower Upper
56 100
69 62.0 26.7 40.1#
84 109.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.089 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

Tgt Ion: 65 Resp: 66229
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007390.D

Acq: 04 Feb 2022 13:28

Instrument :

MSVOA_Y

ClientSampleId :

DB-06(15-20)-02-01-22RE

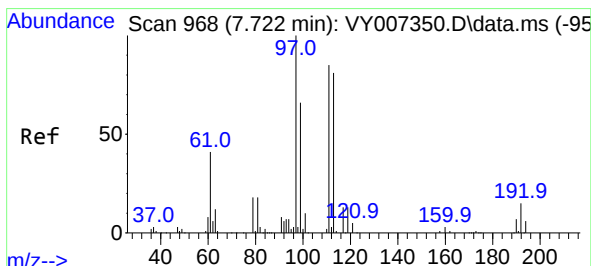
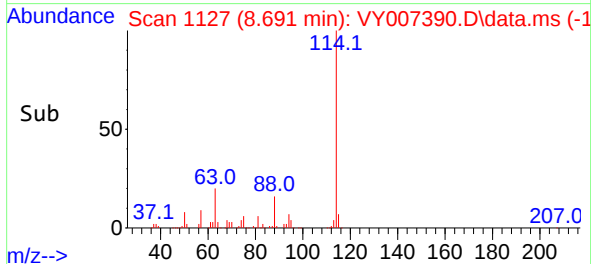
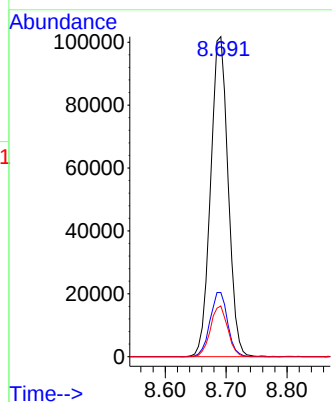
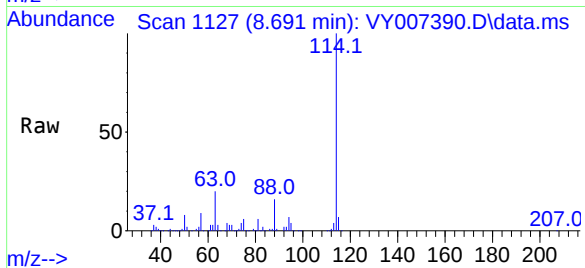
Tgt Ion:114 Resp: 202986

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.231 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007390.D

Acq: 04 Feb 2022 13:28

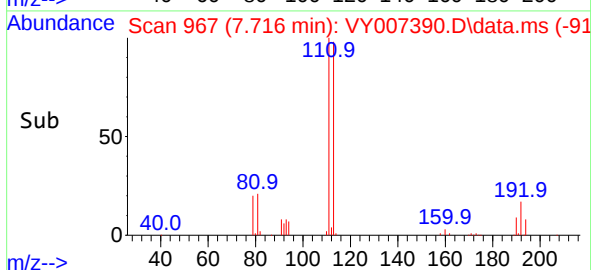
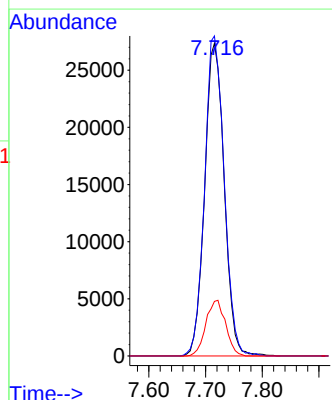
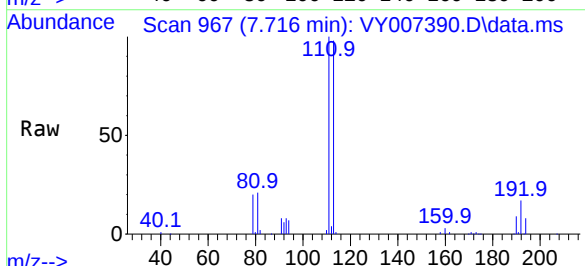
Tgt Ion:113 Resp: 65473

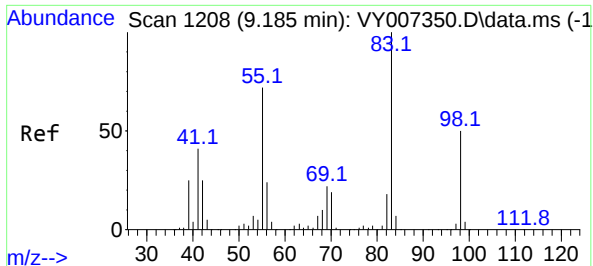
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.0 17.6 26.4





#39

Methylcyclohexane

Concen: 13.481 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007390.D

Acq: 04 Feb 2022 13:28

Instrument :

MSVOA_Y

ClientSampleId :

DB-06(15-20)-02-01-22RE

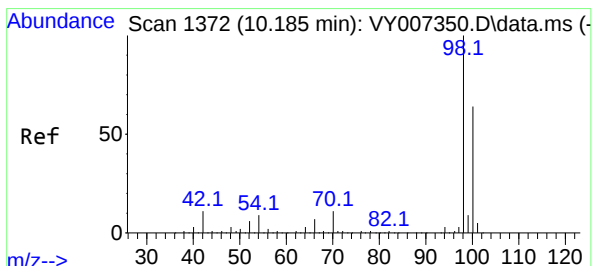
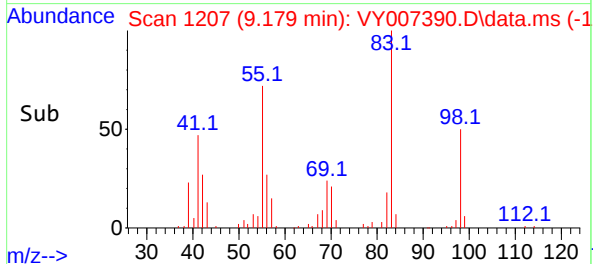
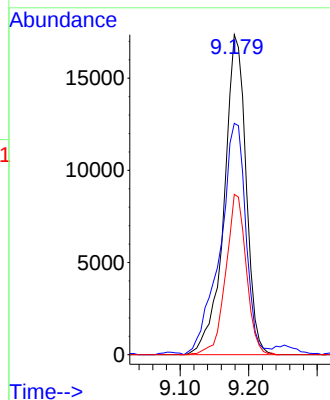
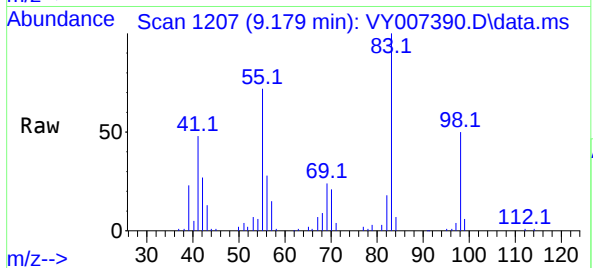
Tgt Ion: 83 Resp: 38580

Ion Ratio Lower Upper

83 100

55 71.8 66.5 99.7

98 50.1 37.9 56.9



#50

Toluene-d8

Concen: 50.477 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007390.D

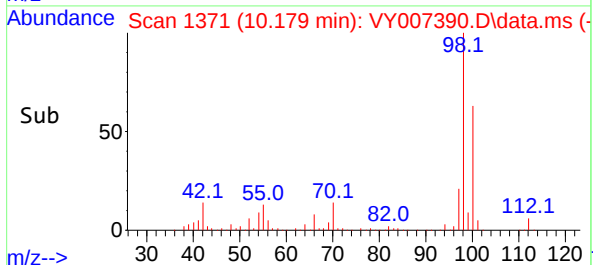
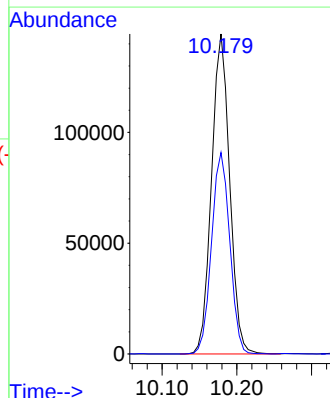
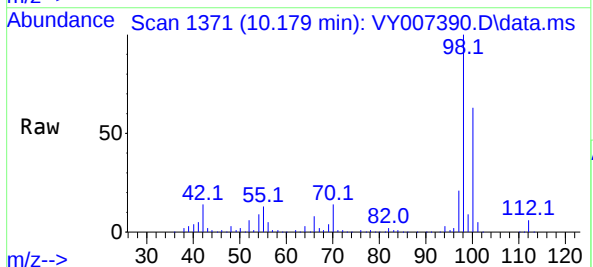
Acq: 04 Feb 2022 13:28

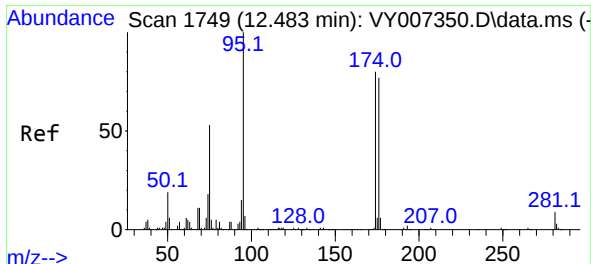
Tgt Ion: 98 Resp: 243076

Ion Ratio Lower Upper

98 100

100 63.3 50.2 75.2

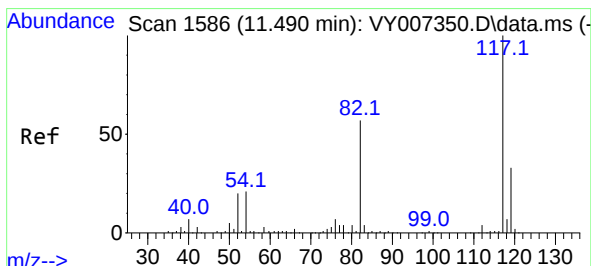
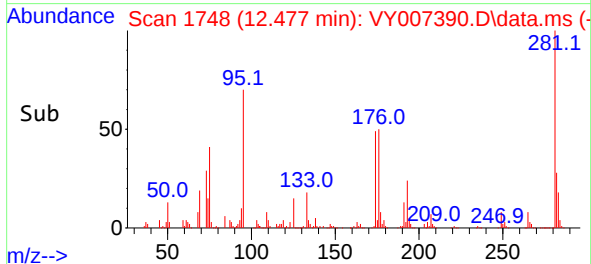
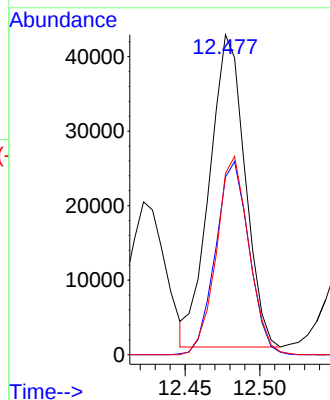
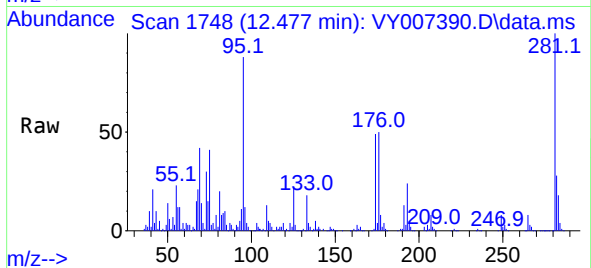




#62
4-Bromofluorobenzene
Concen: 42.246 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

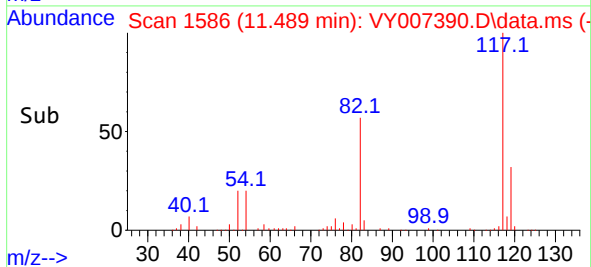
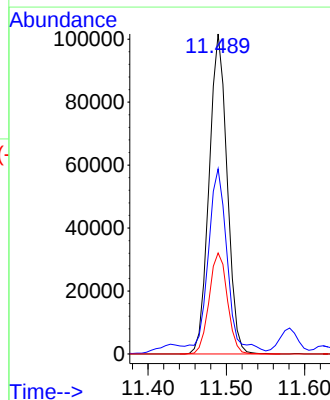
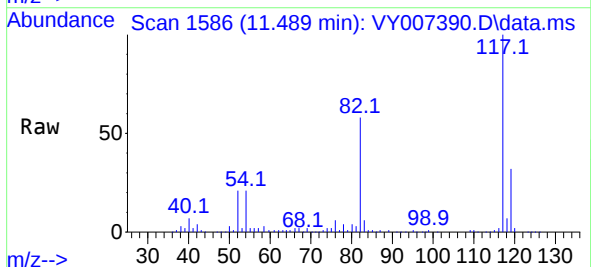
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22RE

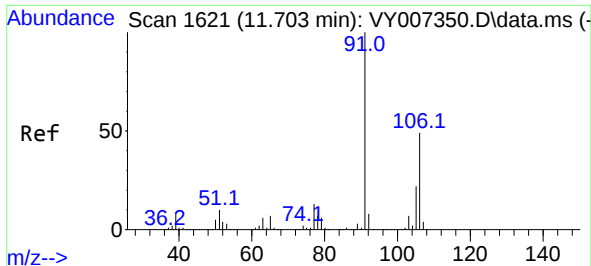
Tgt Ion: 95 Resp: 69147
Ion Ratio Lower Upper
95 100
174 58.4 0.0 177.0
176 58.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

Tgt Ion: 117 Resp: 162107
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 31.6 25.4 38.0

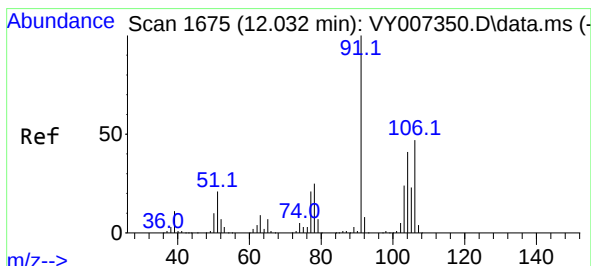
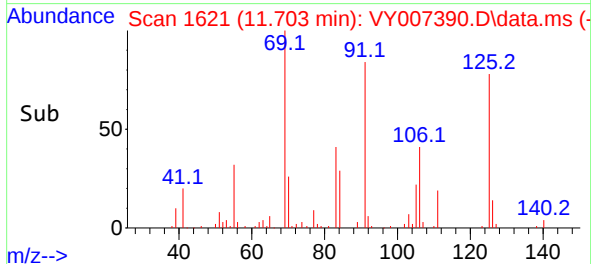
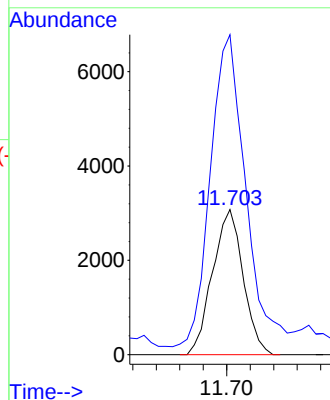
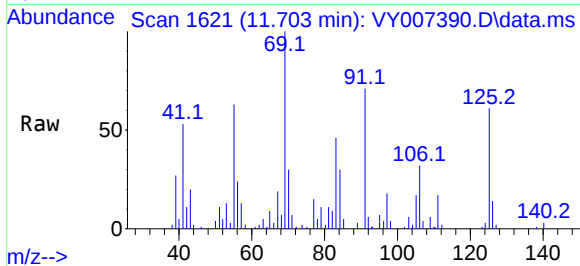




#68
m/p-Xylenes
Concen: 2.193 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

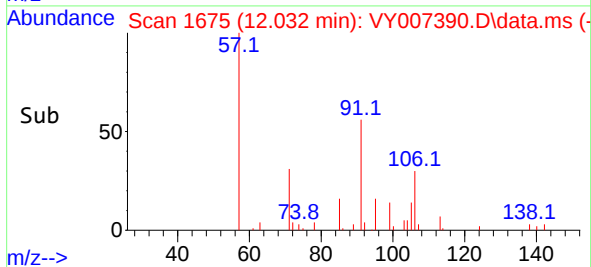
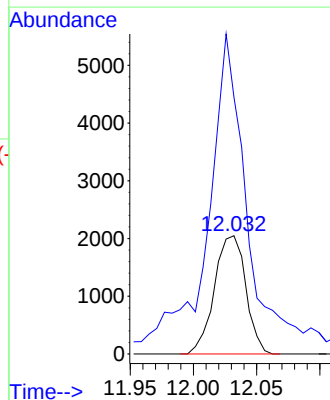
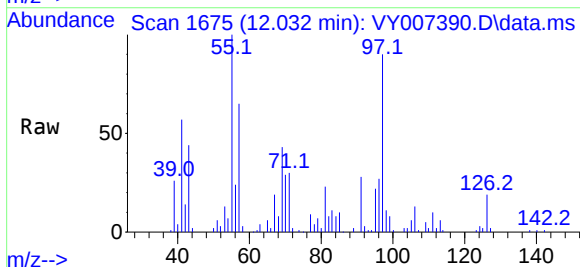
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22RE

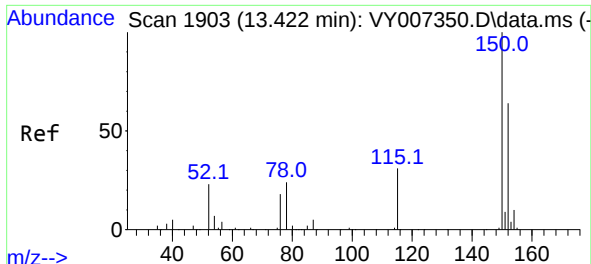
Tgt Ion:106 Resp: 5558
Ion Ratio Lower Upper
106 100
91 245.6 166.6 249.8



#69
o-Xylene
Concen: 1.475 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

Tgt Ion:106 Resp: 3535
Ion Ratio Lower Upper
106 100
91 297.9 110.3 331.0

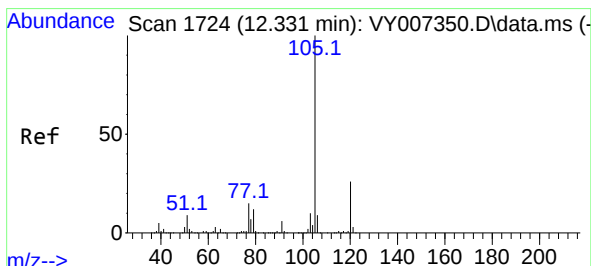
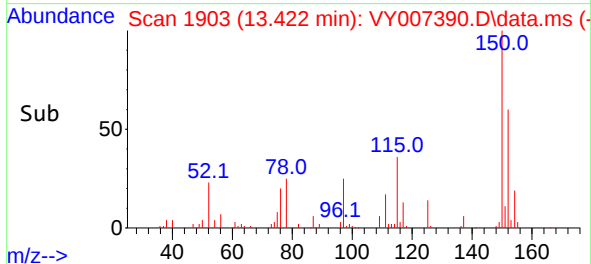
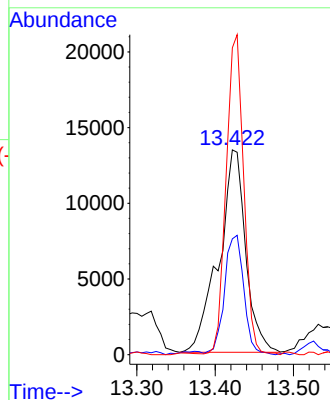
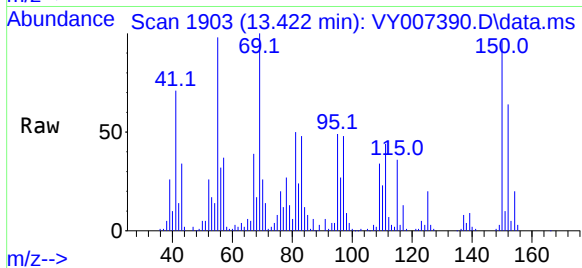




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

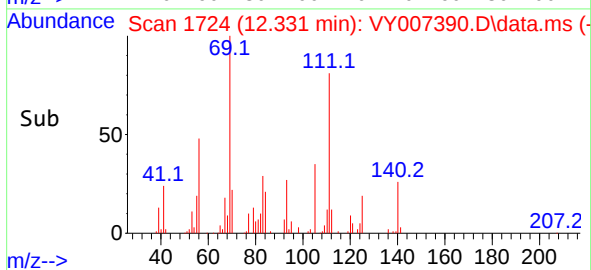
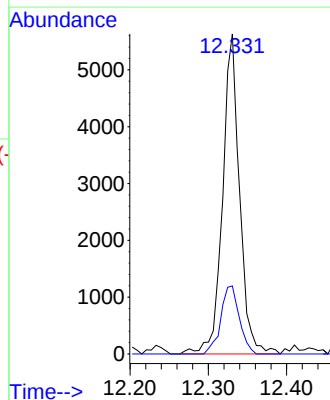
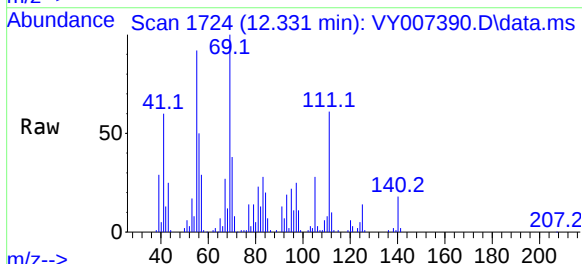
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22RE

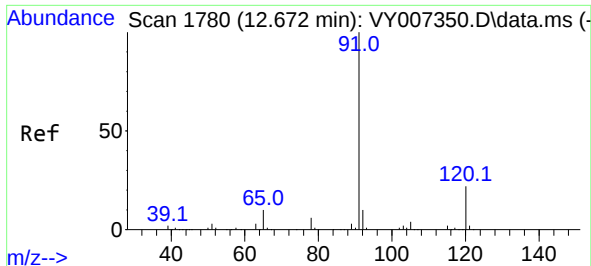
Tgt Ion:152 Resp: 31986
Ion Ratio Lower Upper
152 100
115 42.4 28.2 84.7
150 103.4 0.0 347.6



#73
Isopropylbenzene
Concen: 2.914 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

Tgt Ion:105 Resp: 8517
Ion Ratio Lower Upper
105 100
120 23.2 13.4 40.2

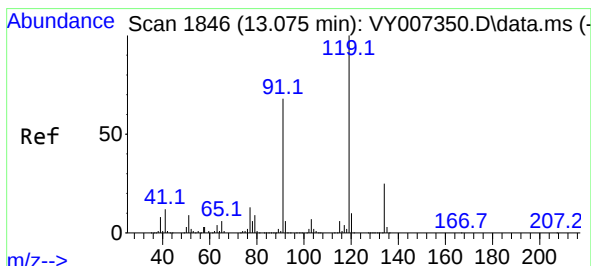
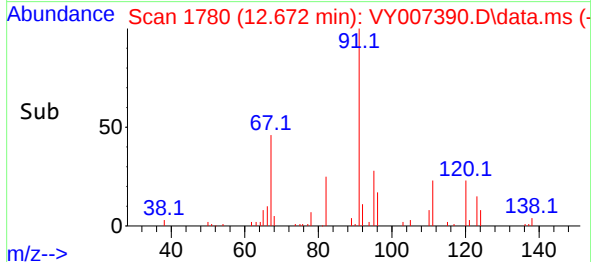
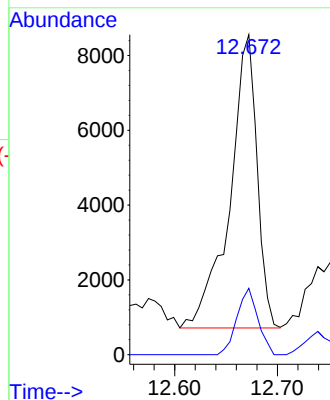
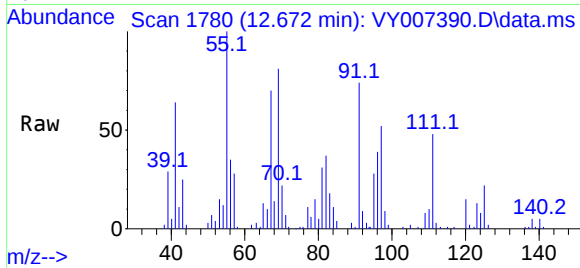




#78
n-propylbenzene
Concen: 4.090 ug/l
RT: 12.672 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

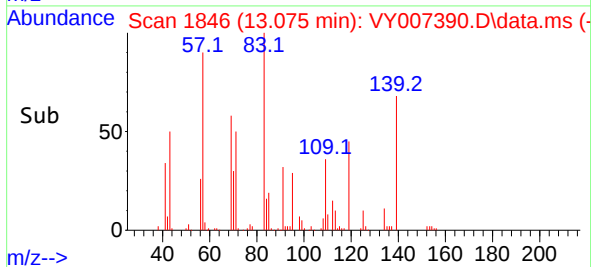
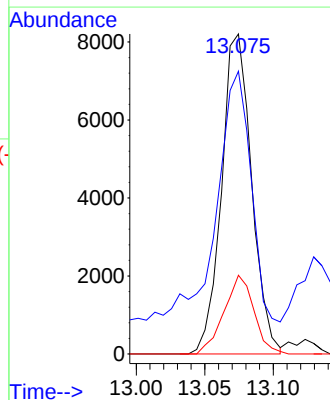
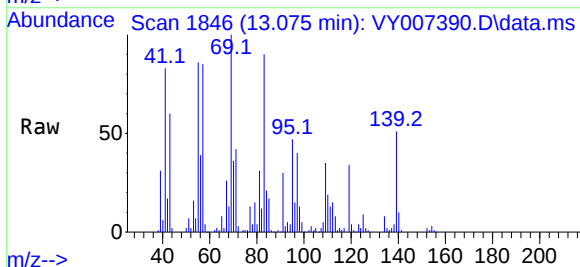
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22RE

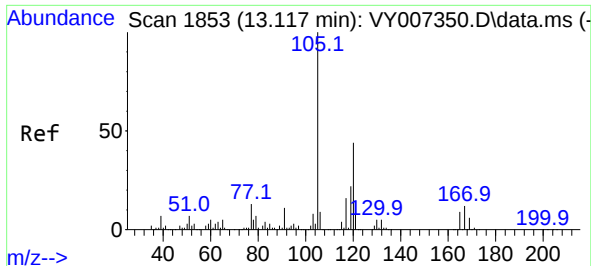
Tgt Ion: 91 Resp: 14481
Ion Ratio Lower Upper
91 100
120 17.4 11.3 33.9



#83
tert-Butylbenzene
Concen: 6.048 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

Tgt Ion: 119 Resp: 12555
Ion Ratio Lower Upper
119 100
91 88.4 34.8 104.4
134 24.5 13.3 39.9

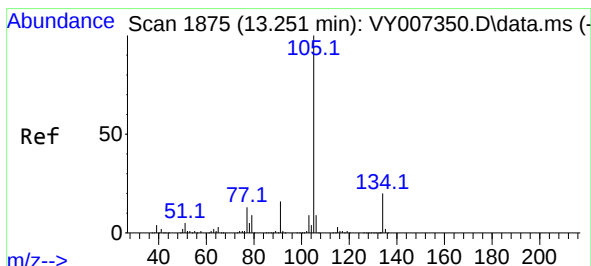
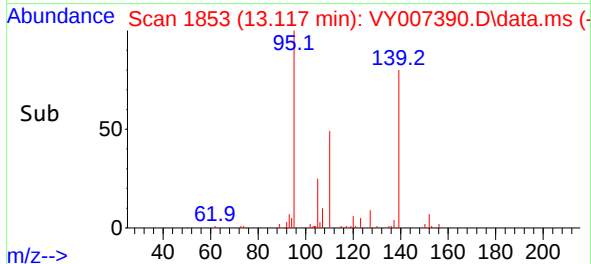
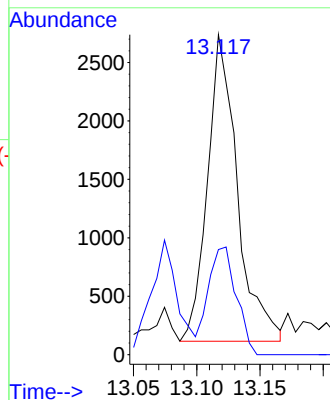
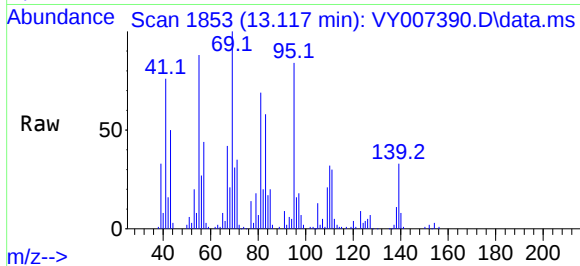




#84
1,2,4-Trimethylbenzene
Concen: 1.838 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

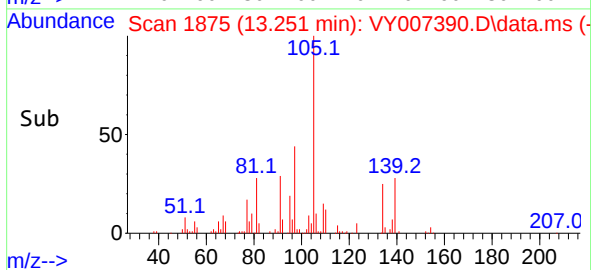
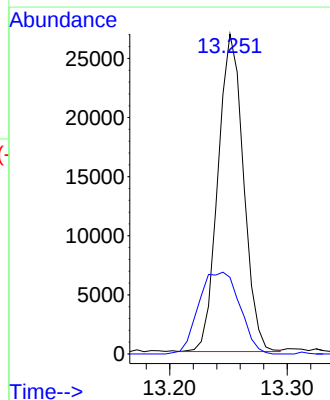
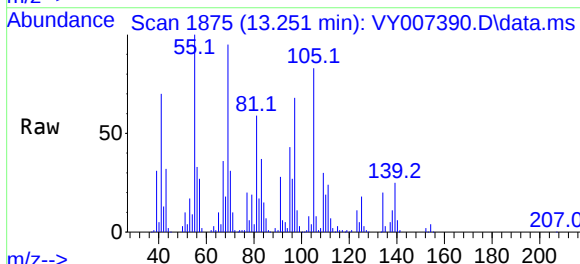
Instrument : MSVOA_Y
ClientSampleId : DB-06(15-20)-02-01-22RE

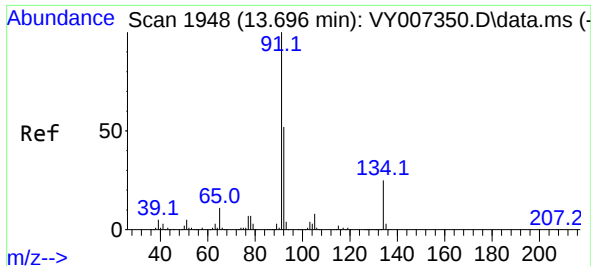
Tgt Ion:105 Resp: 4315
Ion Ratio Lower Upper
105 100
120 32.9 22.3 66.9



#85
sec-Butylbenzene
Concen: 13.047 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY007390.D
Acq: 04 Feb 2022 13:28

Tgt Ion:105 Resp: 40626
Ion Ratio Lower Upper
105 100
134 41.2 10.2 30.4#





#89

n-Butylbenzene

Concen: 3.348 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY007390.D

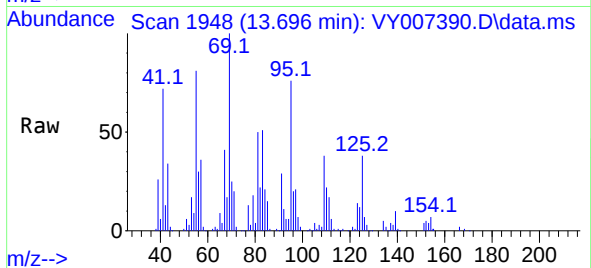
Acq: 04 Feb 2022 13:28

Instrument :

MSVOA_Y

ClientSampleId :

DB-06(15-20)-02-01-22RE



Tgt Ion: 91 Resp: 8173

Ion Ratio Lower Upper

91 100

92 44.6 26.3 78.9

134 32.3 13.0 38.9

