

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007378.D
 Acq On : 03 Feb 2022 16:04
 Operator : SY/MD
 Sample : N1381-03
 Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 04 08:40:45 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)

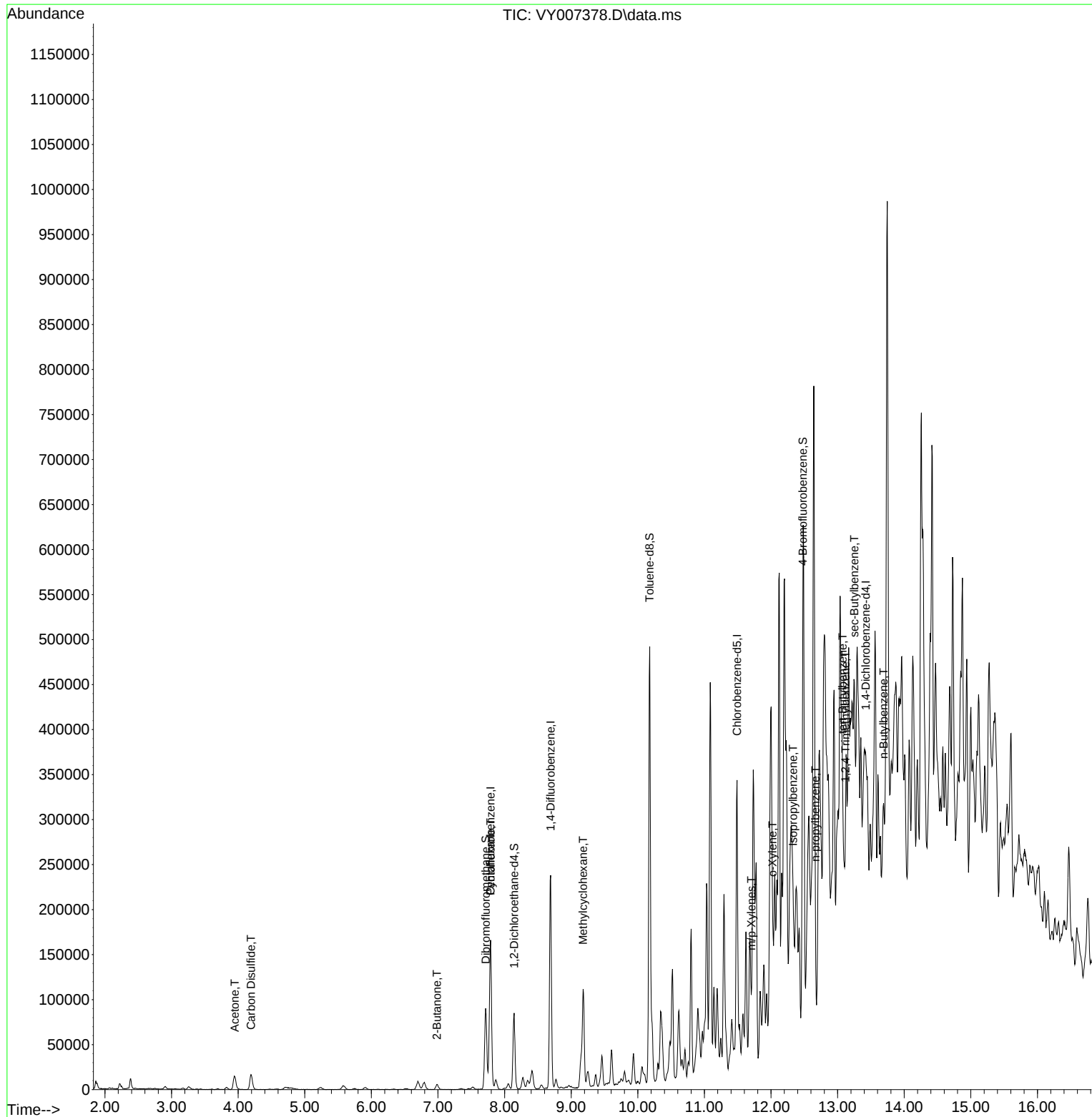
Internal Standards						
1) Pentafluorobenzene	7.789	168	108350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	156703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62217	49.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.840%			
35) Dibromofluoromethane	7.716	113	63078	50.212	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.420%			
50) Toluene-d8	10.179	98	239484	51.600	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.200%			
62) 4-Bromofluorobenzene	12.477	95	69557	44.094	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.180%			
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	26763	66.120	ug/l	98
17) Carbon Disulfide	4.192	76	33470	8.454	ug/l	97
25) 2-Butanone	6.984	43	8778	17.950	ug/l	97
31) Cyclohexane	7.789	56	12882	5.297	ug/l #	78
39) Methylcyclohexane	9.179	83	47595	17.257	ug/l	90
68) m/p-Xylenes	11.703	106	7147	2.917	ug/l	90
69) o-Xylene	12.026	106	4888	2.110	ug/l	63
73) Isopropylbenzene	12.331	105	9032	2.774	ug/l	99
78) n-propylbenzene	12.666	91	16516	4.188	ug/l	94
83) tert-Butylbenzene	13.075	119	14754	6.381	ug/l	83
84) 1,2,4-Trimethylbenzene	13.117	105	4322	1.653	ug/l	80
85) sec-Butylbenzene	13.251	105	40198	11.591	ug/l #	51
89) n-Butylbenzene	13.690	91	8117	2.985	ug/l	88

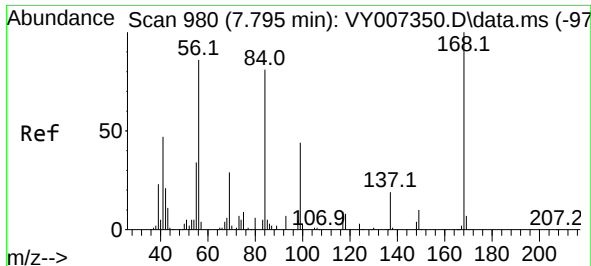
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007378.D
Acq On : 03 Feb 2022 16:04
Operator : SY/MD
Sample : N1381-03
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 04 08:40:45 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

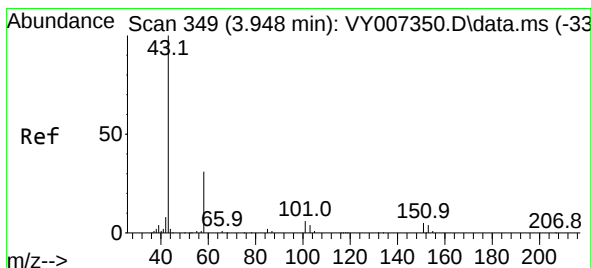
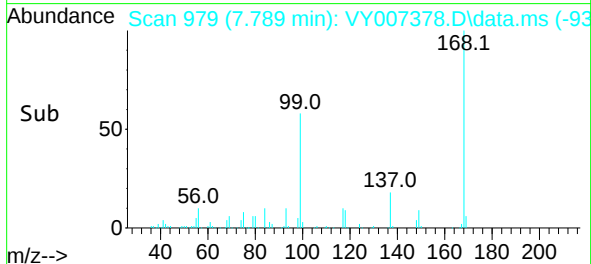
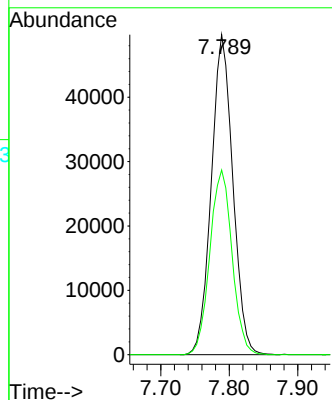
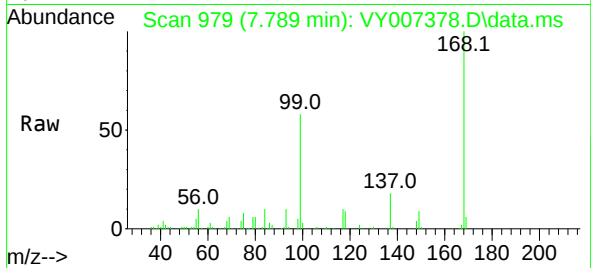




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

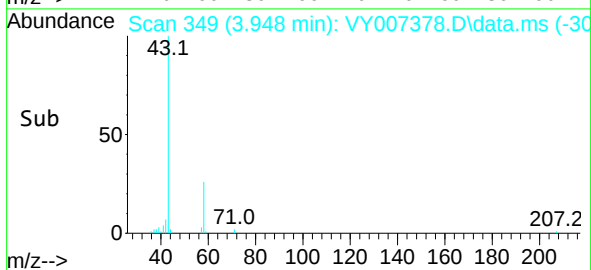
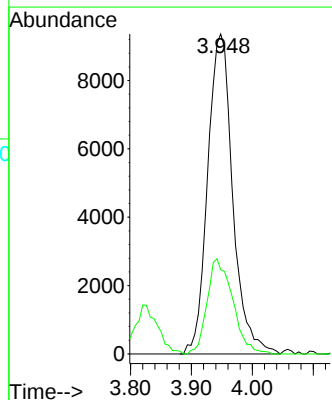
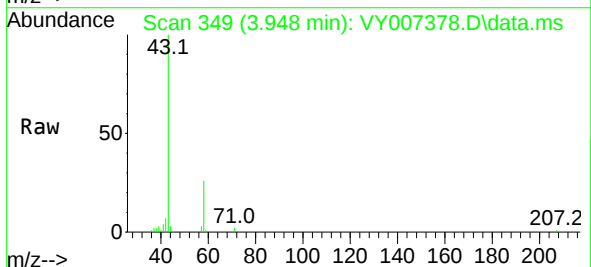
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22

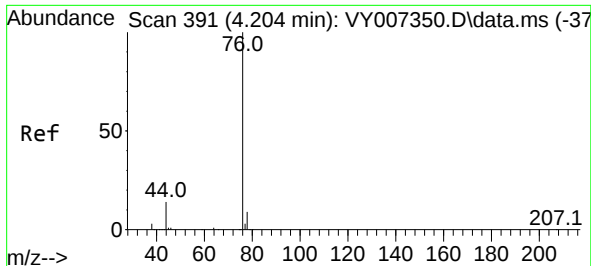
Tgt Ion:168 Resp: 108350
Ion Ratio Lower Upper
168 100
99 57.7 46.9 70.3



#16
Acetone
Concen: 66.120 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

Tgt Ion: 43 Resp: 26763
Ion Ratio Lower Upper
43 100
58 26.4 22.0 33.0

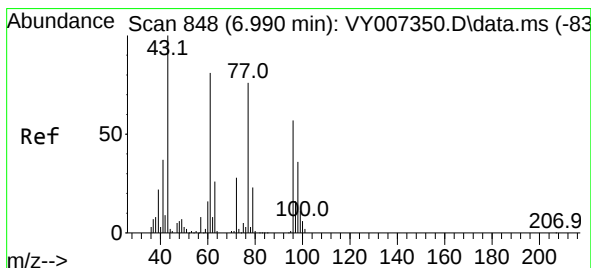
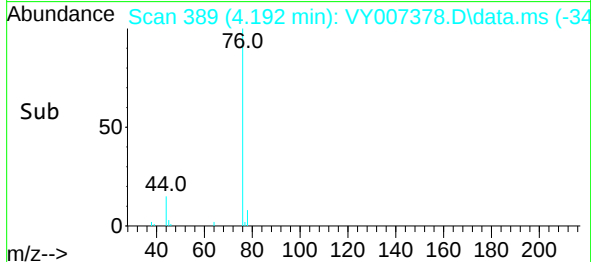
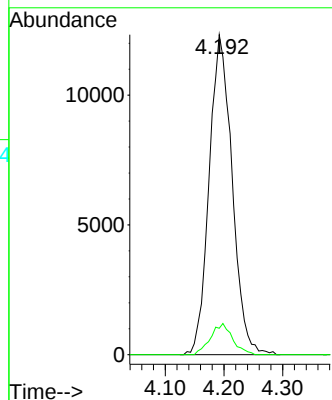
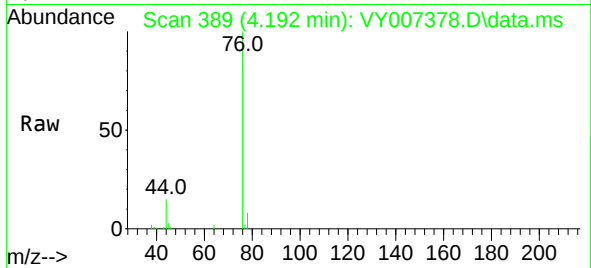




#17
Carbon Disulfide
Concen: 8.454 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

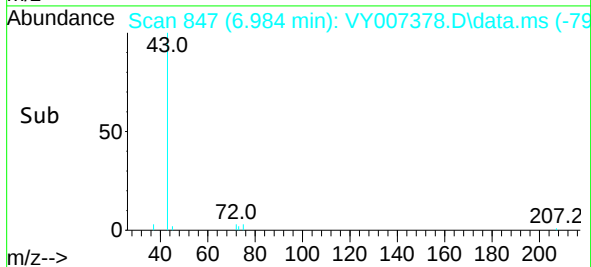
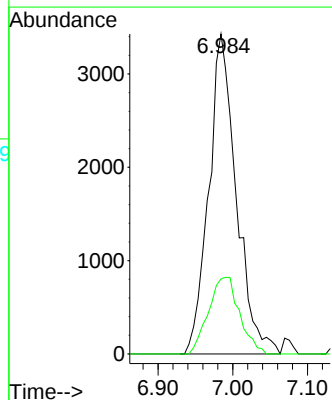
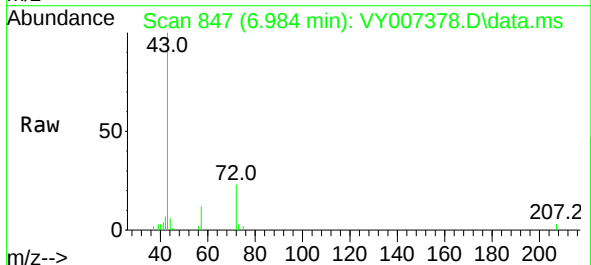
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22

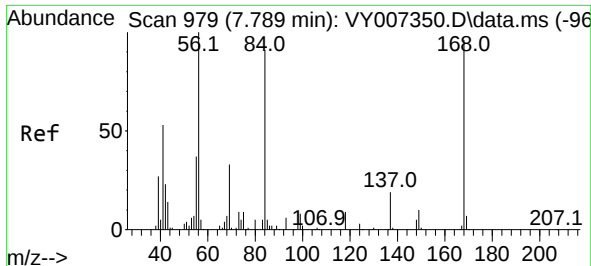
Tgt Ion: 76 Resp: 33470
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#25
2-Butanone
Concen: 17.950 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

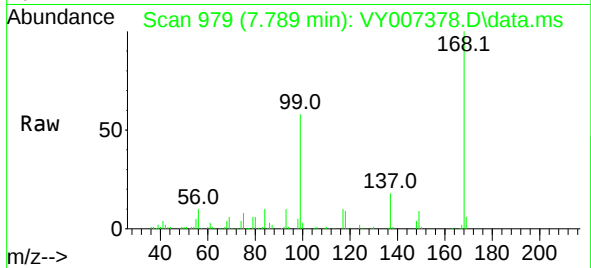
Tgt Ion: 43 Resp: 8778
Ion Ratio Lower Upper
43 100
72 23.4 17.7 26.5



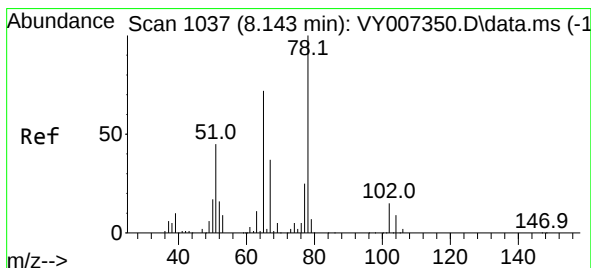
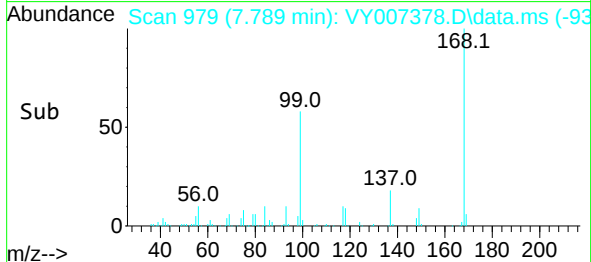
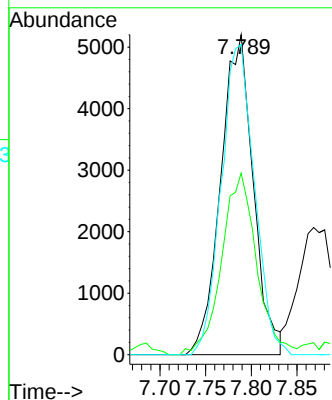


#31
Cyclohexane
Concen: 5.297 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

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

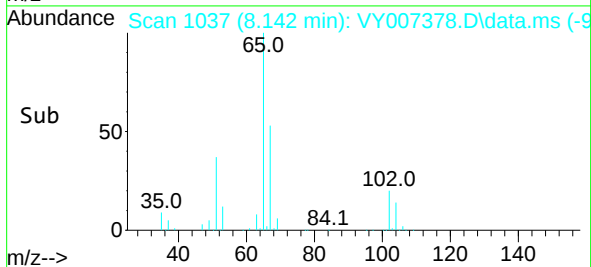
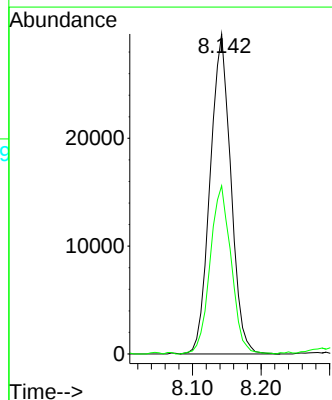
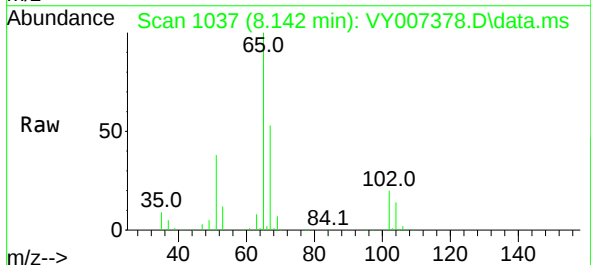


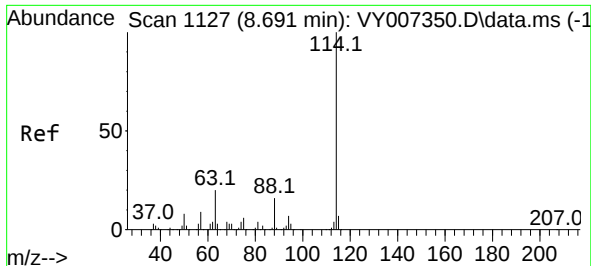
Tgt Ion: 56 Resp: 12882
Ion Ratio Lower Upper
56 100
69 56.8 26.7 40.1#
84 97.0 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 49.922 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

Tgt Ion: 65 Resp: 62217
Ion Ratio Lower Upper
65 100
67 53.5 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: VY007378.D

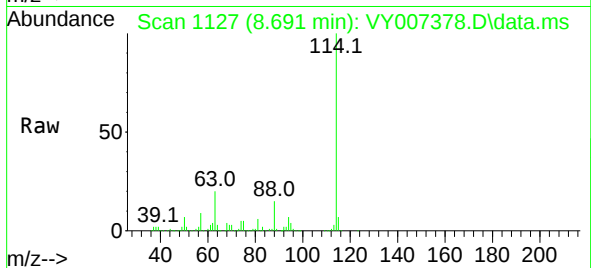
Acq: 03 Feb 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

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



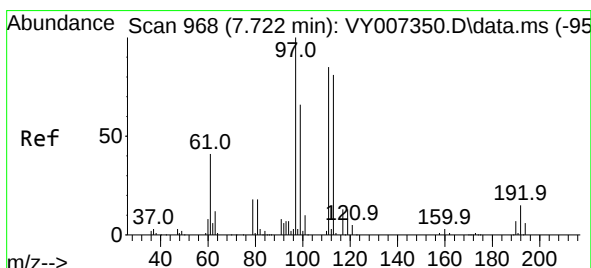
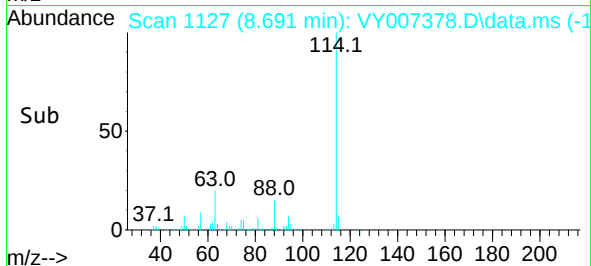
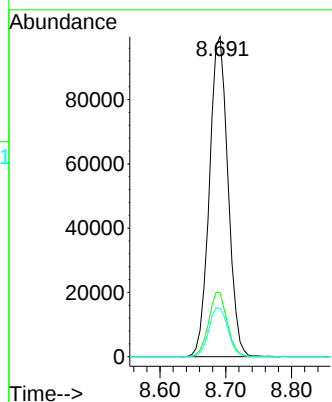
Tgt Ion:114 Resp: 195632

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.212 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

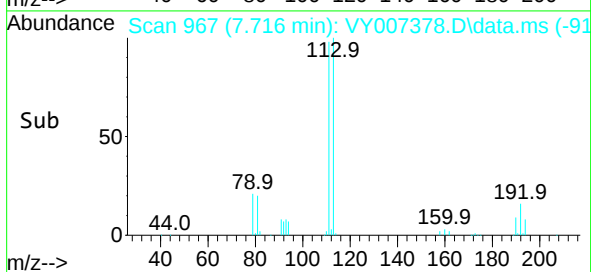
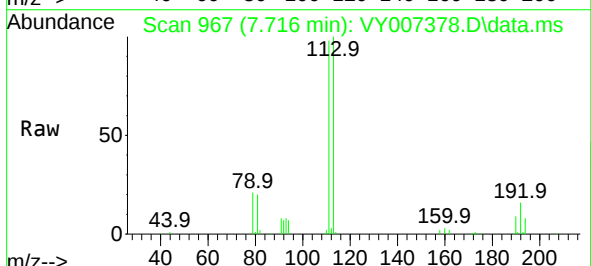
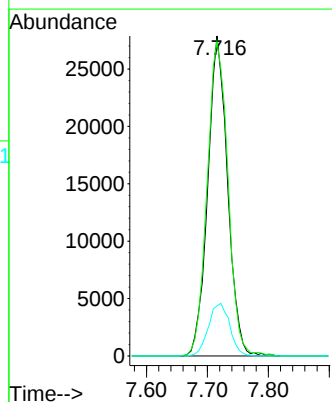
Tgt Ion:113 Resp: 63078

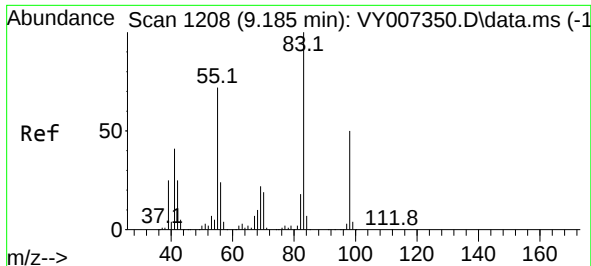
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 17.7 17.6 26.4





#39

Methylcyclohexane

Concen: 17.257 ug/l

RT: 9.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

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

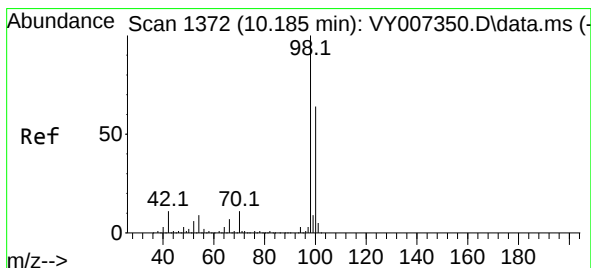
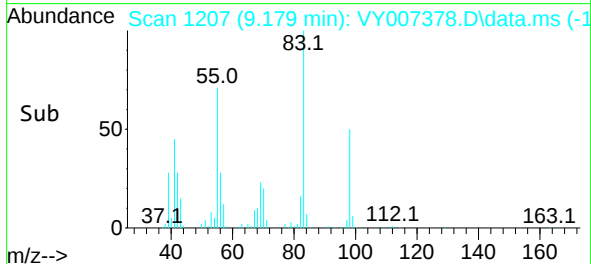
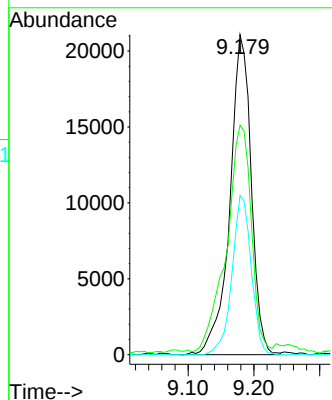
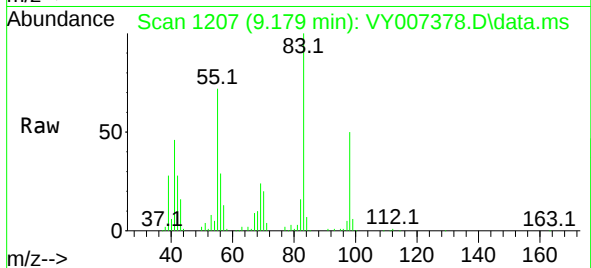
Tgt Ion: 83 Resp: 47595

Ion Ratio Lower Upper

83 100

55 70.6 66.5 99.7

98 49.8 37.9 56.9



#50

Toluene-d8

Concen: 51.600 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007378.D

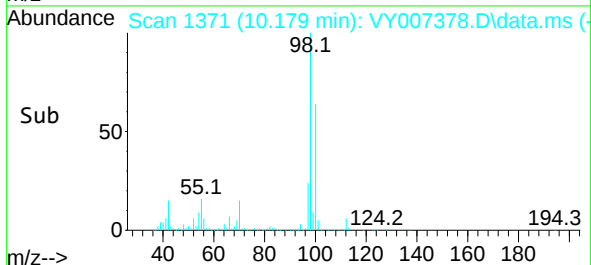
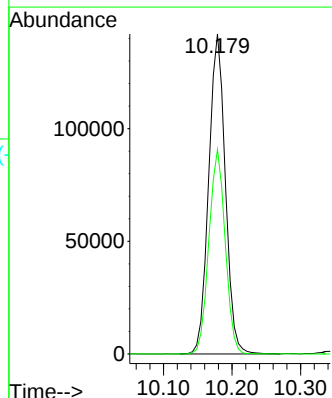
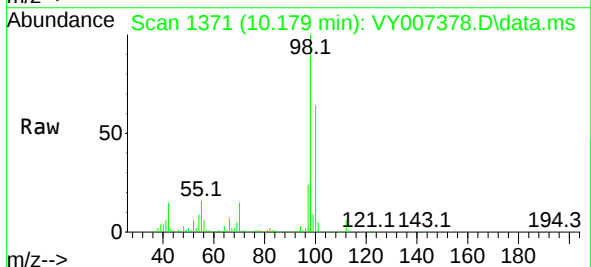
Acq: 03 Feb 2022 16:04

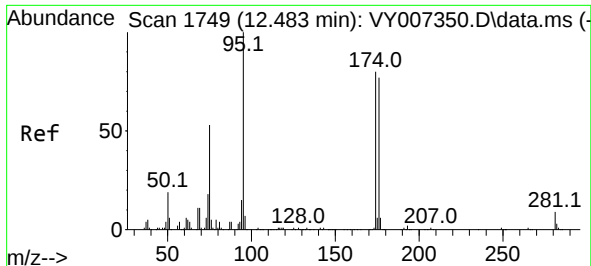
Tgt Ion: 98 Resp: 239484

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.2

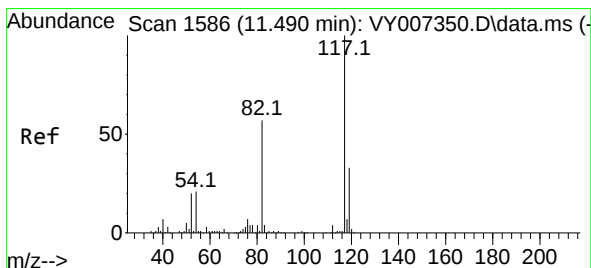
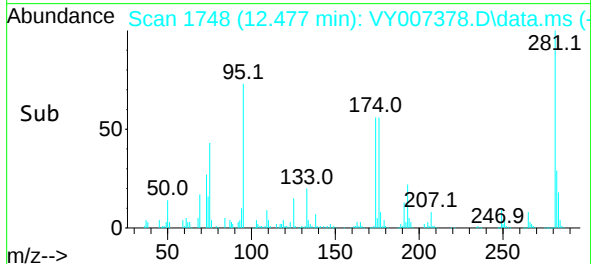
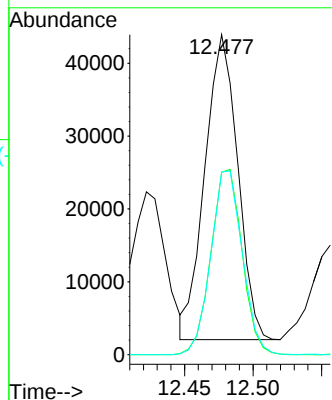
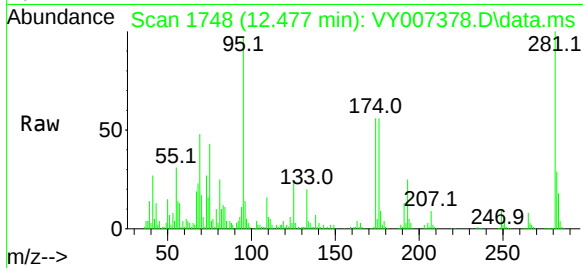




#62
4-Bromofluorobenzene
Concen: 44.094 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

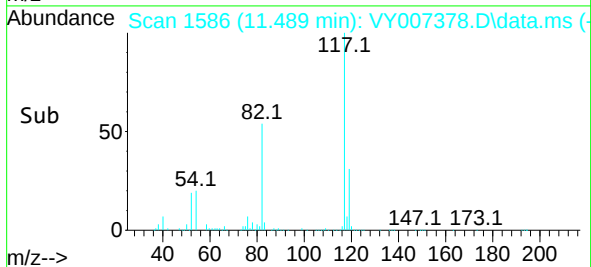
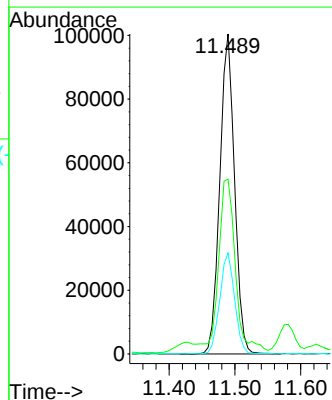
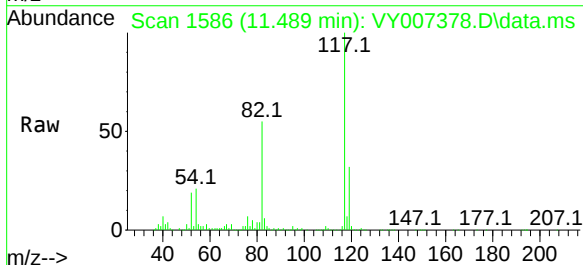
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22

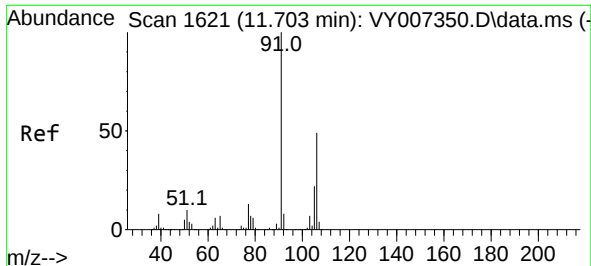
Tgt Ion: 95 Resp: 69557
Ion Ratio Lower Upper
95 100
174 57.9 0.0 177.0
176 58.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

Tgt Ion: 117 Resp: 156703
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 31.5 25.4 38.0

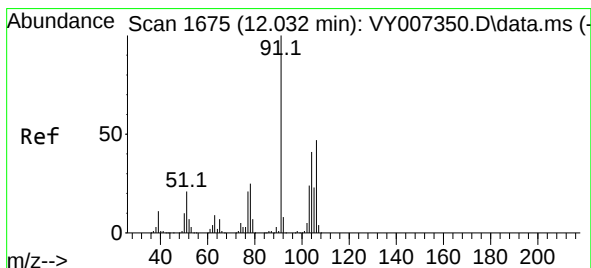
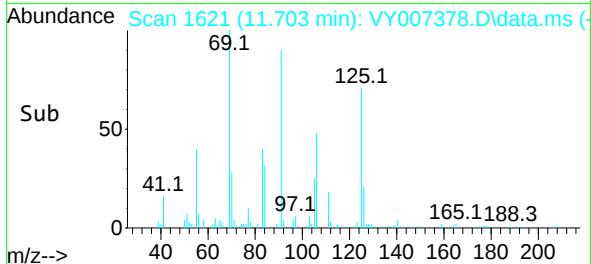
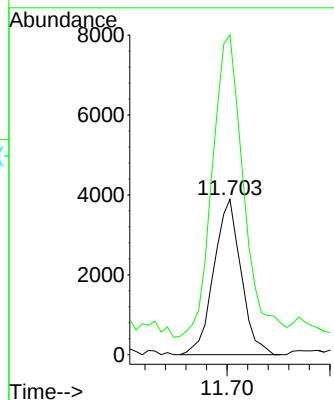
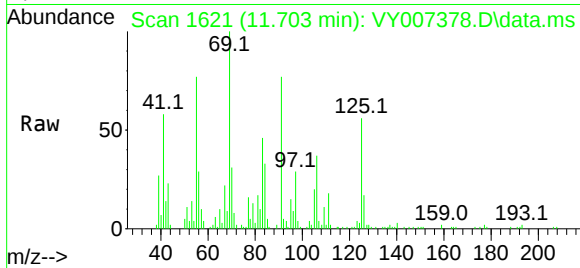




#68
m/p-Xylenes
Concen: 2.917 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

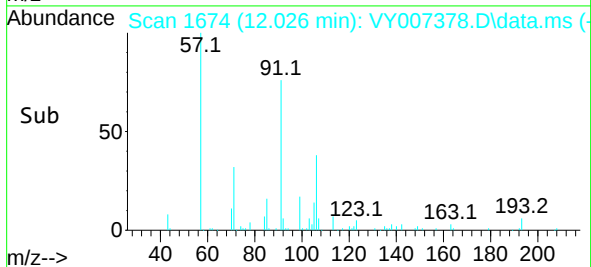
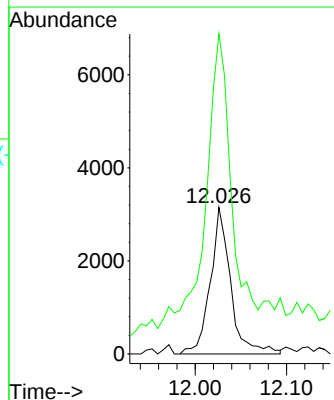
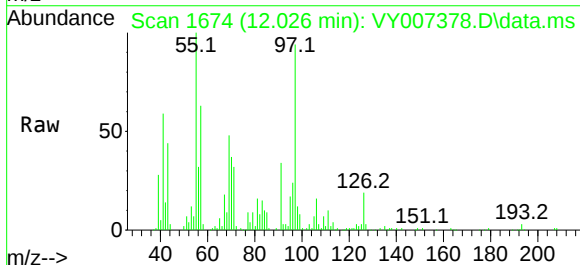
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22

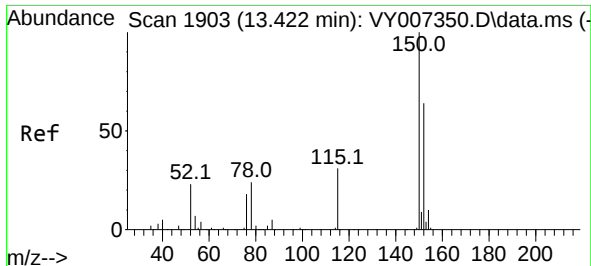
Tgt Ion:106 Resp: 7147
Ion Ratio Lower Upper
106 100
91 224.0 166.6 249.8



#69
o-Xylene
Concen: 2.110 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

Tgt Ion:106 Resp: 4888
Ion Ratio Lower Upper
106 100
91 280.9 110.3 331.0

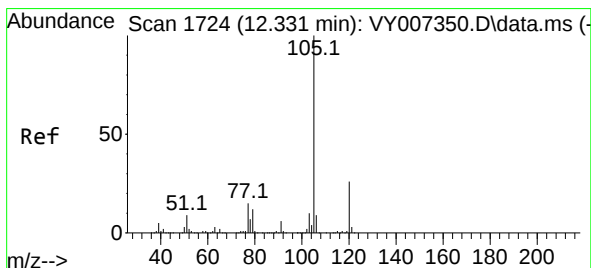
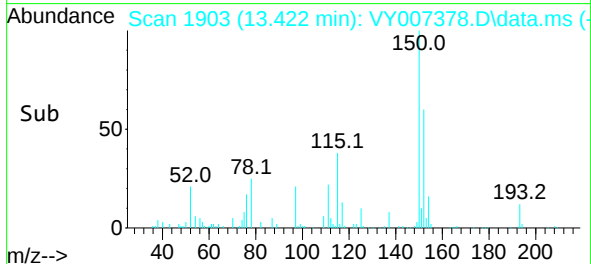
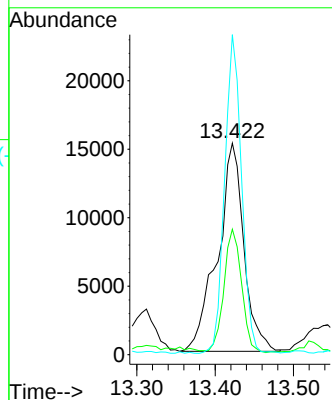
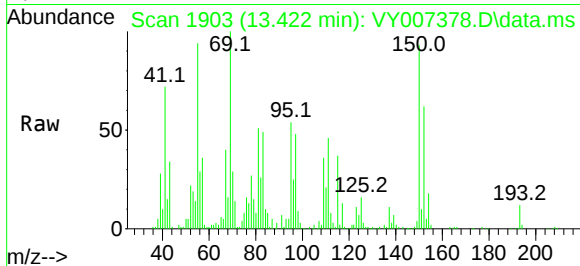




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

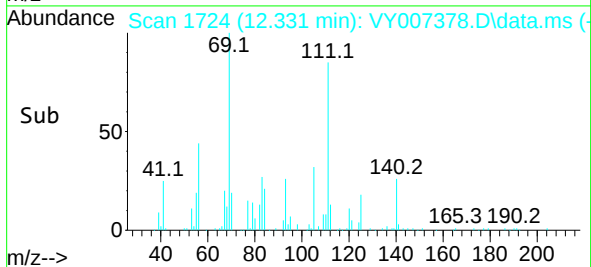
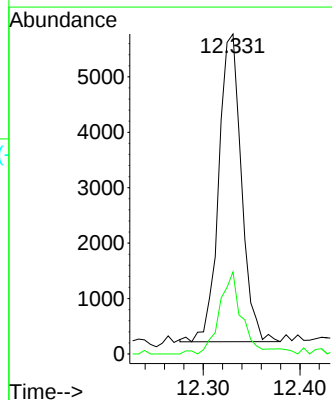
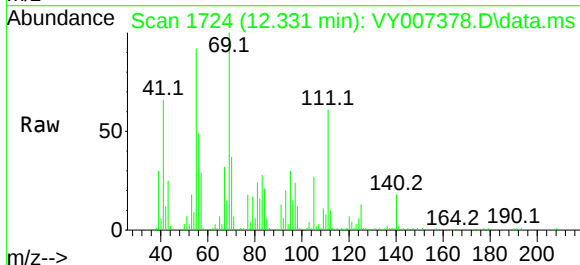
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22

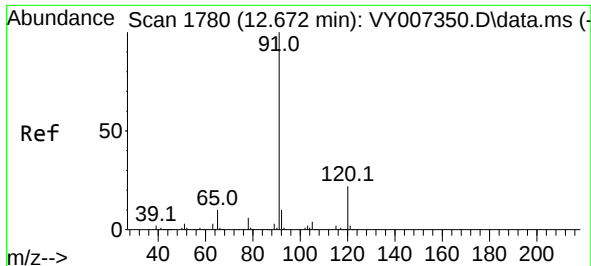
Tgt Ion:152 Resp: 35625
Ion Ratio Lower Upper
152 100
115 39.9 28.2 84.7
150 98.5 0.0 347.6



#73
Isopropylbenzene
Concen: 2.774 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

Tgt Ion:105 Resp: 9032
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

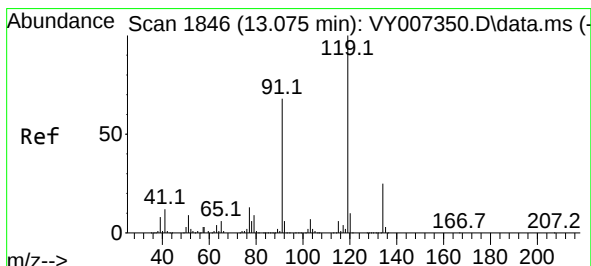
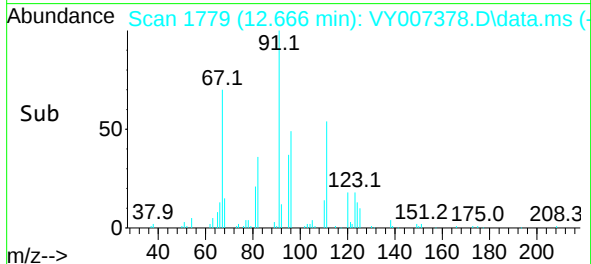
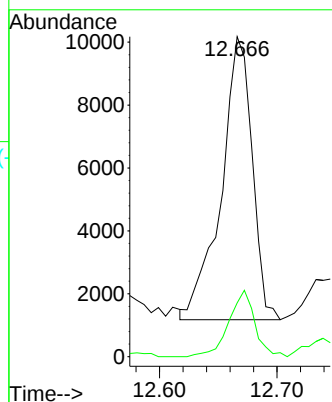
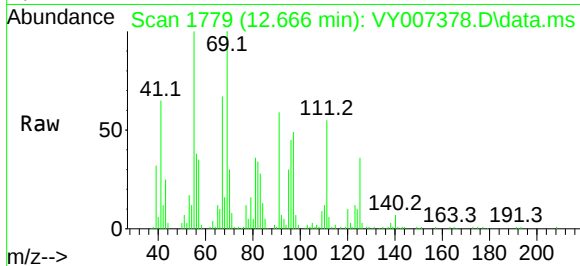




#78
n-propylbenzene
Concen: 4.188 ug/l
RT: 12.666 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

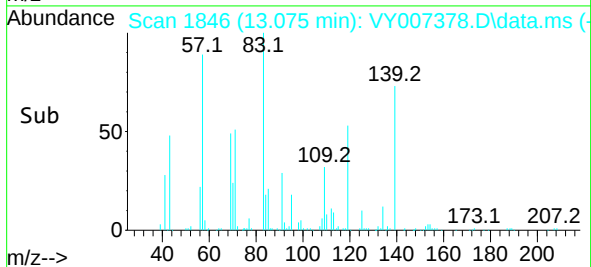
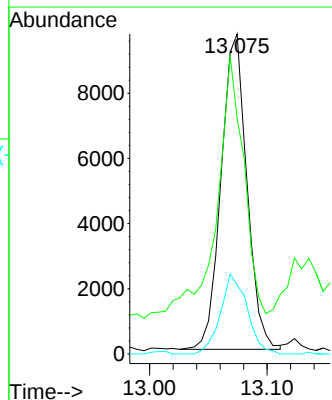
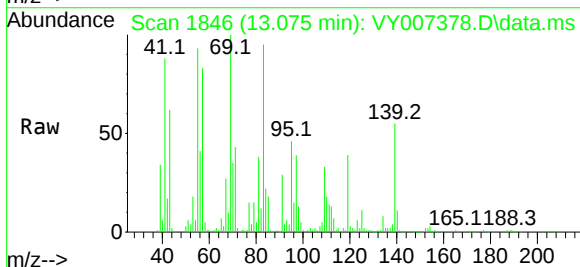
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(15-20)-02-01-22

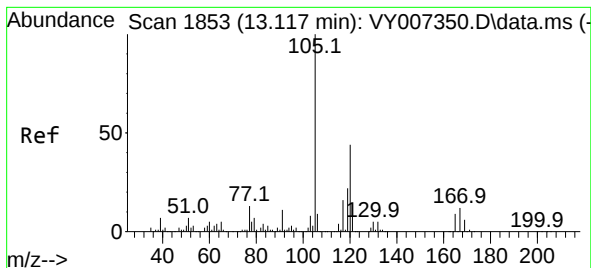
Tgt Ion: 91 Resp: 16516
Ion Ratio Lower Upper
91 100
120 19.7 11.3 33.9



#83
tert-Butylbenzene
Concen: 6.381 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007378.D
Acq: 03 Feb 2022 16:04

Tgt Ion: 119 Resp: 14754
Ion Ratio Lower Upper
119 100
91 88.9 34.8 104.4
134 26.2 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 1.653 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

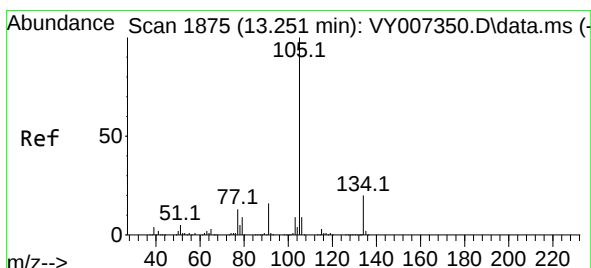
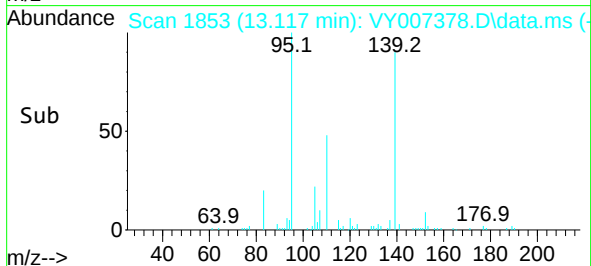
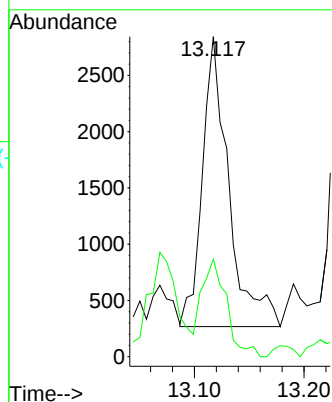
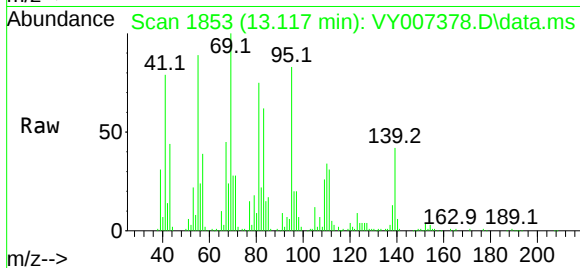
DB-06(15-20)-02-01-22

Tgt Ion:105 Resp: 4322

Ion Ratio Lower Upper

105 100

120 31.5 22.3 66.9



#85

sec-Butylbenzene

Concen: 11.591 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY007378.D

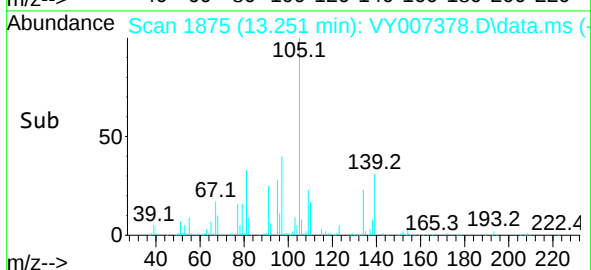
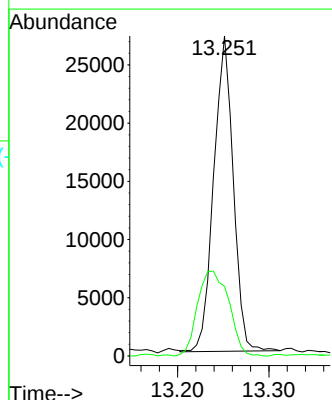
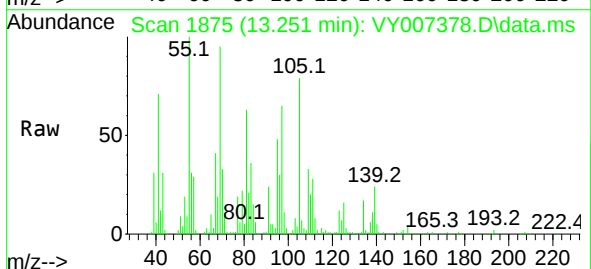
Acq: 03 Feb 2022 16:04

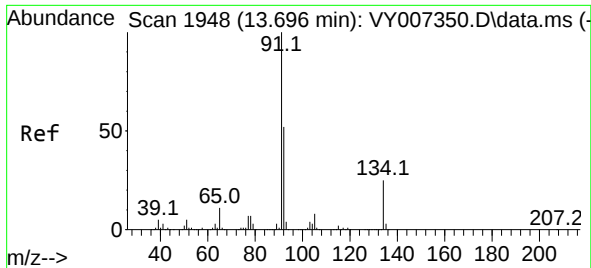
Tgt Ion:105 Resp: 40198

Ion Ratio Lower Upper

105 100

134 43.2 10.2 30.4#





#89

n-Butylbenzene

Concen: 2.985 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.006 min

Lab File: VY007378.D

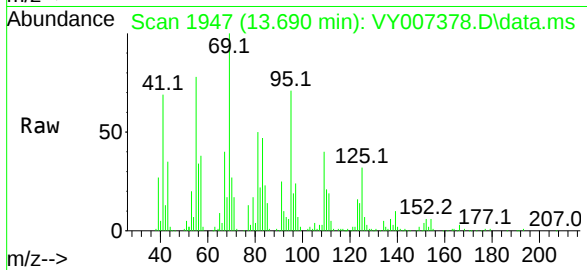
Acq: 03 Feb 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

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



Tgt Ion: 91 Resp: 8117

Ion Ratio Lower Upper

91 100

92 47.8 26.3 78.9

134 36.7 13.0 38.9

