

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008545.D
 Acq On : 28 Apr 2022 14:12
 Operator : KP/MD
 Sample : N2577-08RE
 Misc : 11.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-11-(15-20)RE

Quant Time: Apr 29 02:00:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

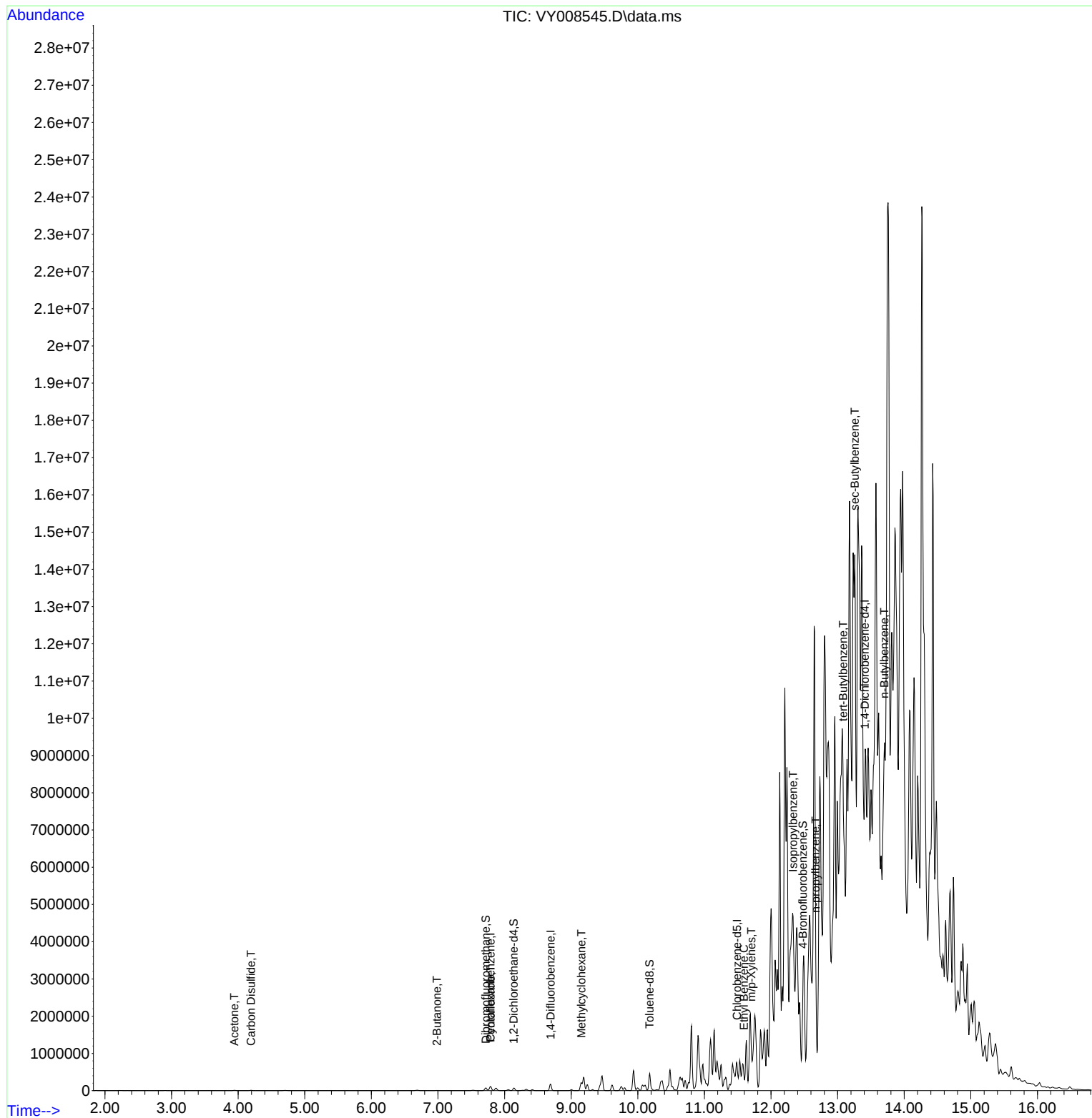
Internal Standards						
1) Pentafluorobenzene	7.789	168	87830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208491	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	394201	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52867	51.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.320%	
35) Dibromofluoromethane	7.716	113	51202	49.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.380%	
50) Toluene-d8	10.179	98	212434	51.655	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.477	95	374480	269.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 539.760%#	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	13369	55.541	ug/l	92
17) Carbon Disulfide	4.192	76	18688	6.511	ug/l	99
25) 2-Butanone	6.984	43	5443	14.616	ug/l	91
31) Cyclohexane	7.789	56	3439	2.024	ug/l #	54
39) Methylcyclohexane	9.154	83	67108	31.975	ug/l #	54
67) Ethyl Benzene	11.593	91	9465	1.157	ug/l	91
68) m/p-Xylenes	11.703	106	5199	1.586	ug/l #	1
73) Isopropylbenzene	12.331	105	259333	8.677	ug/l	98
78) n-propylbenzene	12.672	91	267999	7.476	ug/l	95
83) tert-Butylbenzene	13.081	119	171414	7.959	ug/l	84
85) sec-Butylbenzene	13.257	105	1521903	46.826	ug/l #	64
89) n-Butylbenzene	13.702	91	273706	11.079	ug/l #	71

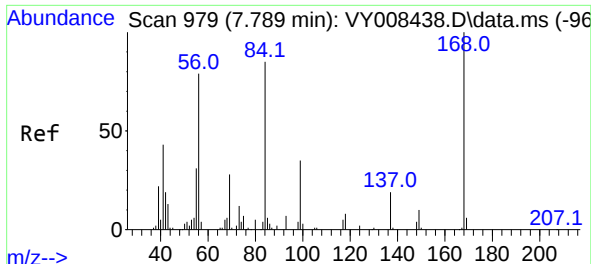
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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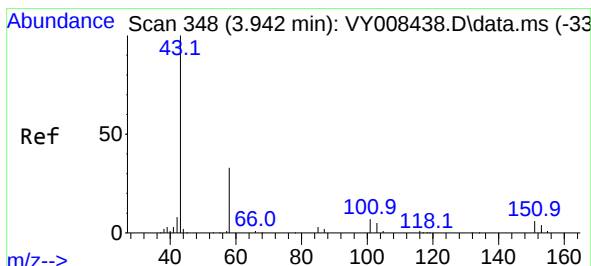
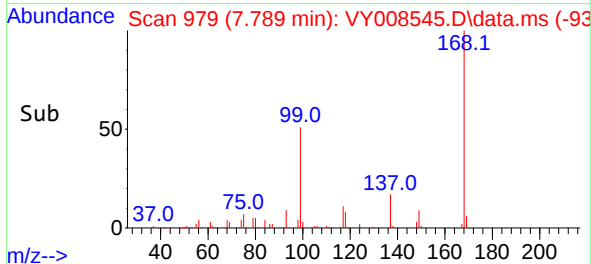
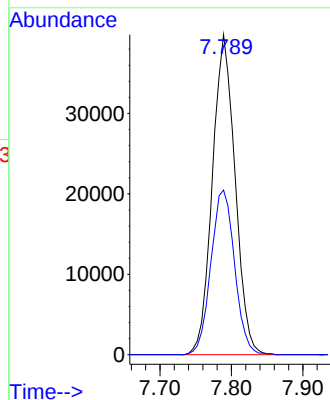
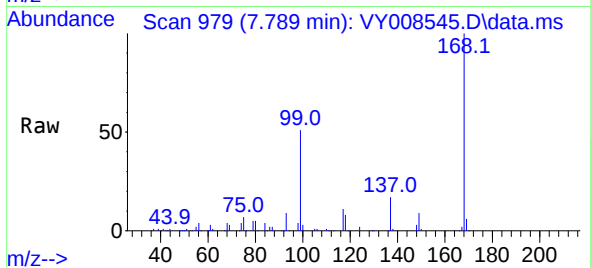




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

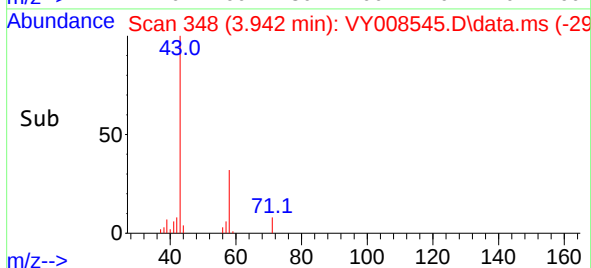
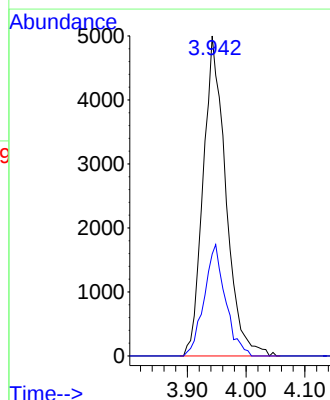
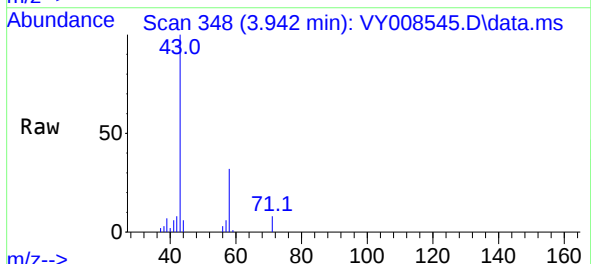
Instrument :
MSVOA_Y
ClientSampleId :
GT-11-(15-20)RE

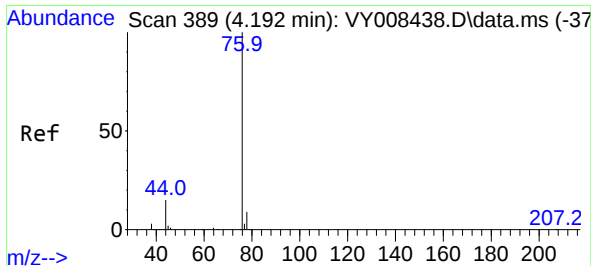
Tgt Ion:168 Resp: 87830
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#16
Acetone
Concen: 55.541 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

Tgt Ion: 43 Resp: 13369
Ion Ratio Lower Upper
43 100
58 31.9 22.0 33.0

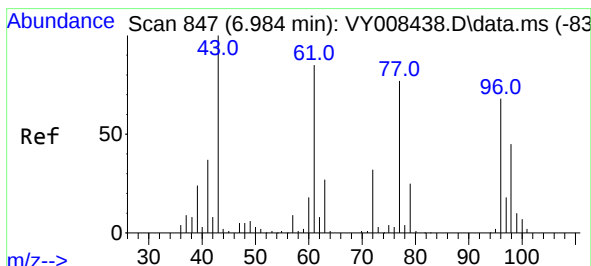
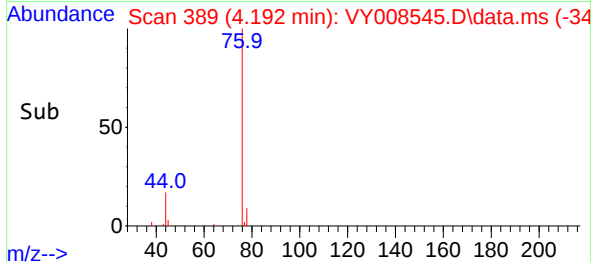
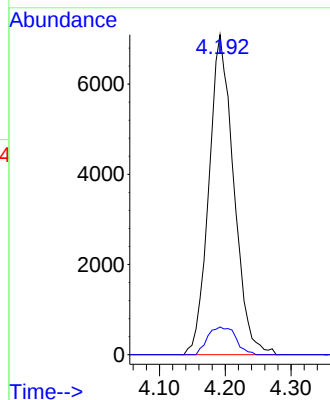
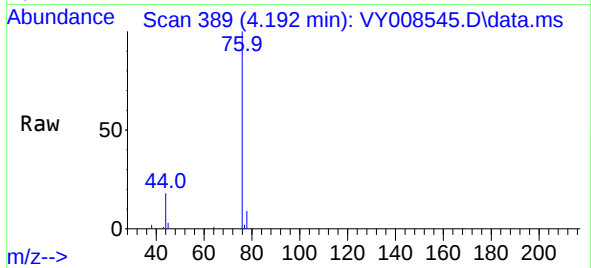




#17
Carbon Disulfide
Concen: 6.511 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

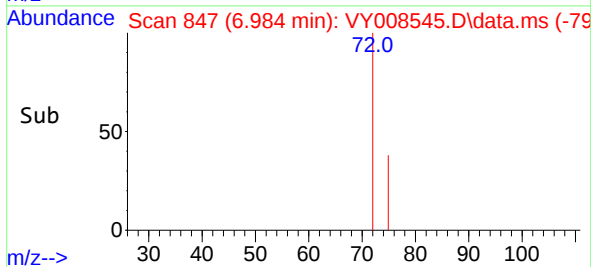
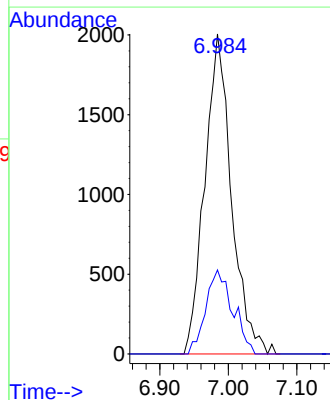
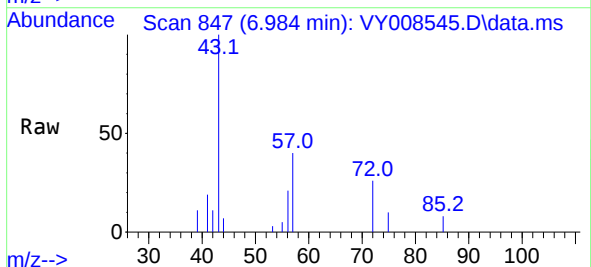
Instrument :
MSVOA_Y
ClientSampleId :
GT-11-(15-20)RE

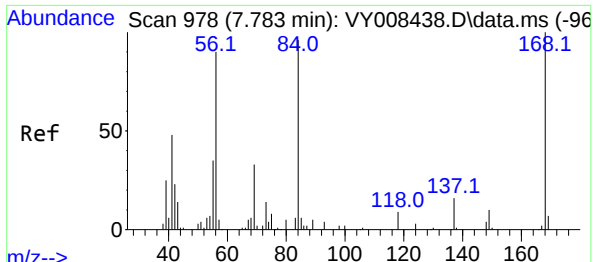
Tgt Ion: 76 Resp: 18688
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#25
2-Butanone
Concen: 14.616 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

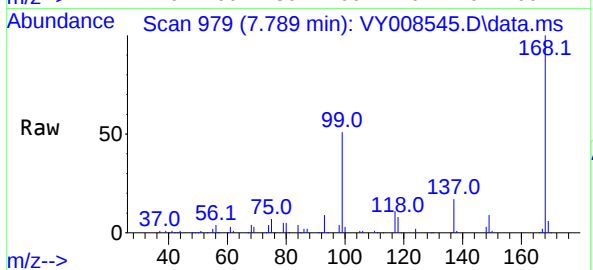
Tgt Ion: 43 Resp: 5443
Ion Ratio Lower Upper
43 100
72 26.3 17.7 26.5



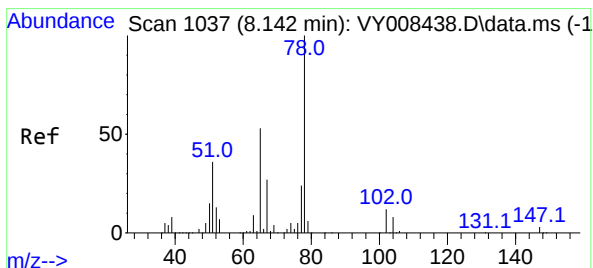
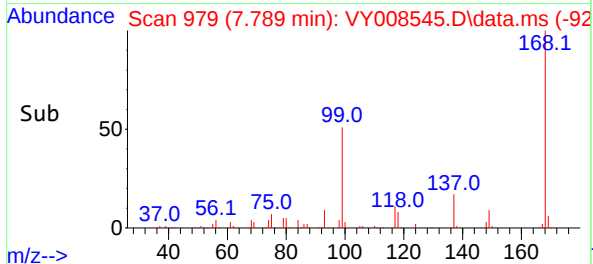
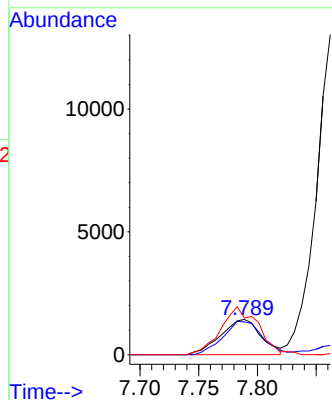


#31
Cyclohexane
Concen: 2.024 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

Instrument :
MSVOA_Y
ClientSampleId :
GT-11-(15-20)RE

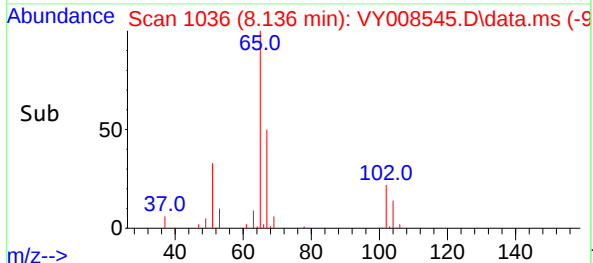
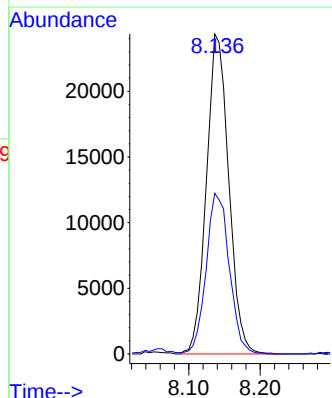
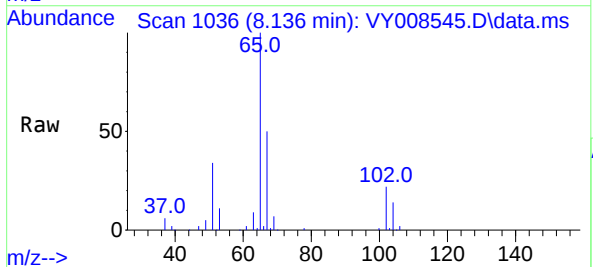


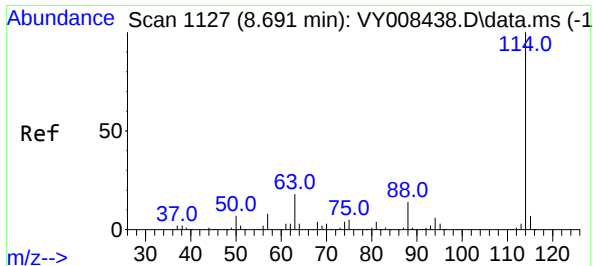
Tgt Ion: 56 Resp: 3439
Ion Ratio Lower Upper
56 100
69 93.2 26.7 40.1#
84 104.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.157 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

Tgt Ion: 65 Resp: 52867
Ion Ratio Lower Upper
65 100
67 52.0 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: VY008545.D

Acq: 28 Apr 2022 14:12

Instrument :

MSVOA_Y

ClientSampleId :

GT-11-(15-20)RE

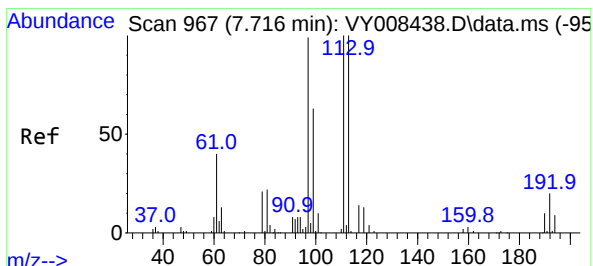
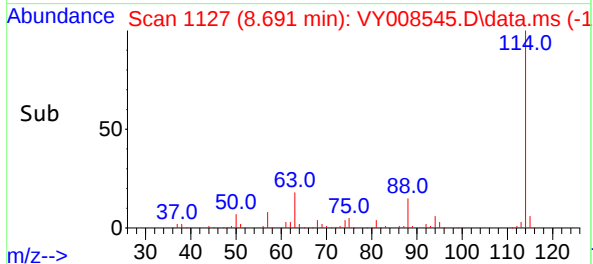
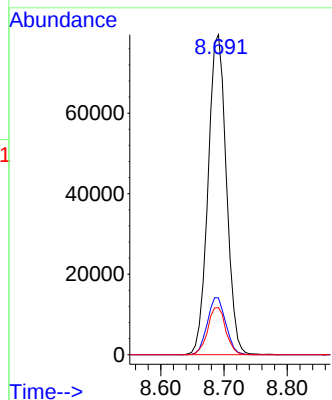
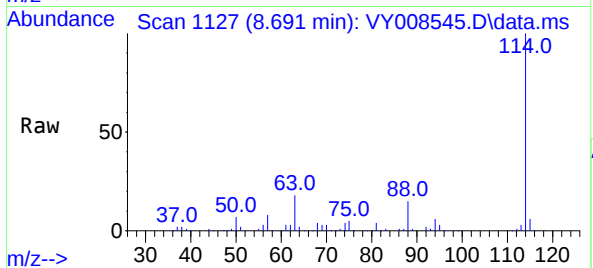
Tgt Ion:114 Resp: 159668

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.688 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008545.D

Acq: 28 Apr 2022 14:12

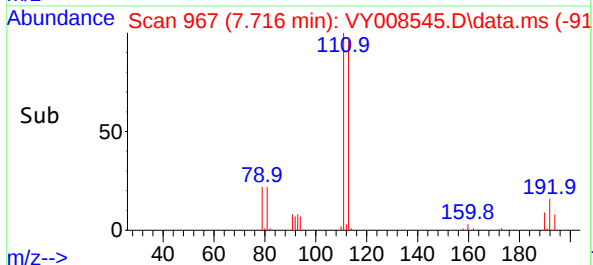
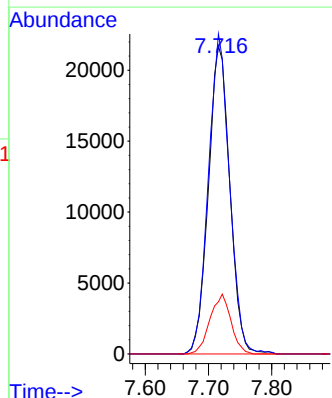
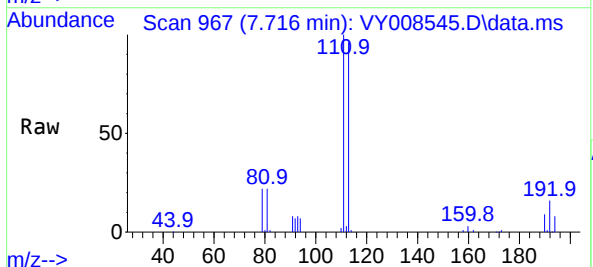
Tgt Ion:113 Resp: 51202

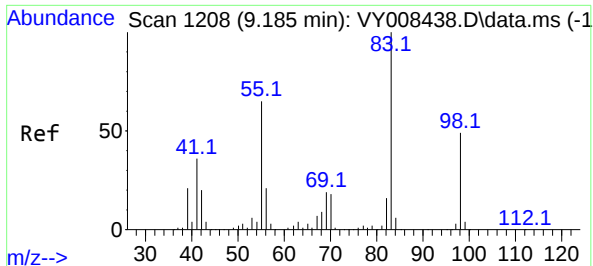
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 18.9 17.6 26.4





#39

Methylcyclohexane

Concen: 31.975 ug/l

RT: 9.154 min Scan# 11

Delta R.T. -0.031 min

Lab File: VY008545.D

Acq: 28 Apr 2022 14:12

Instrument :

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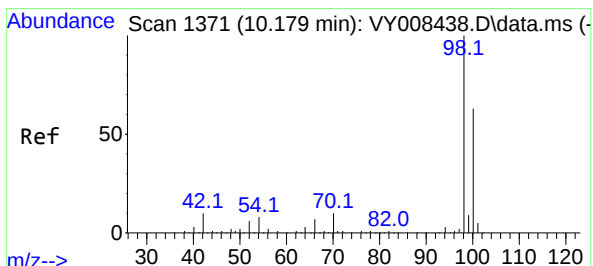
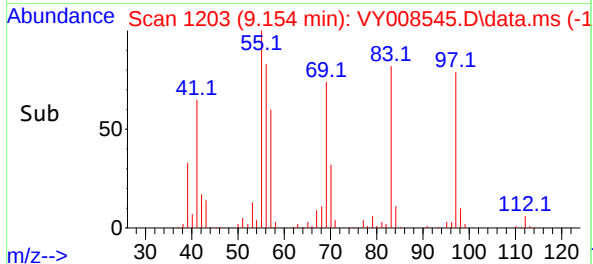
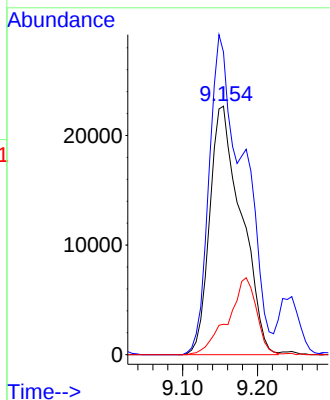
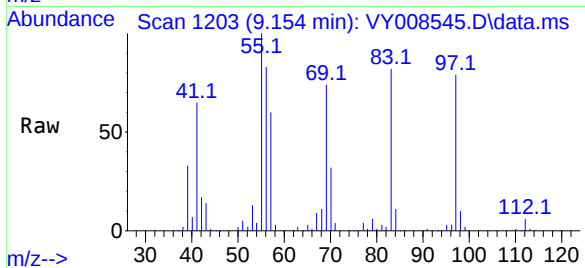
Tgt Ion: 83 Resp: 67108

Ion Ratio Lower Upper

83 100

55 121.8 66.5 99.7#

98 12.2 37.9 56.9#



#50

Toluene-d8

Concen: 51.655 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008545.D

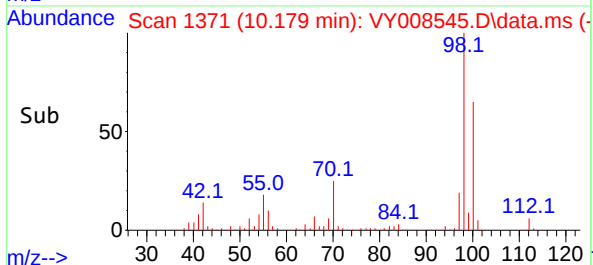
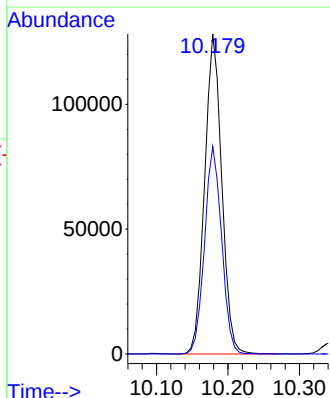
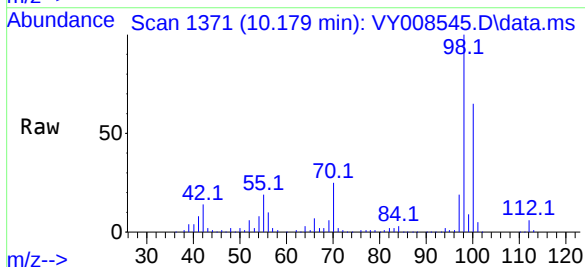
Acq: 28 Apr 2022 14:12

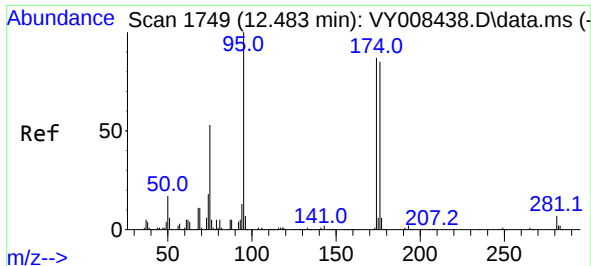
Tgt Ion: 98 Resp: 212434

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

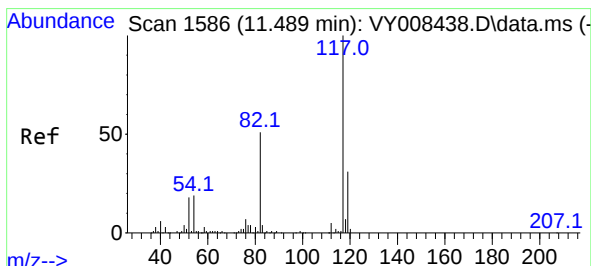
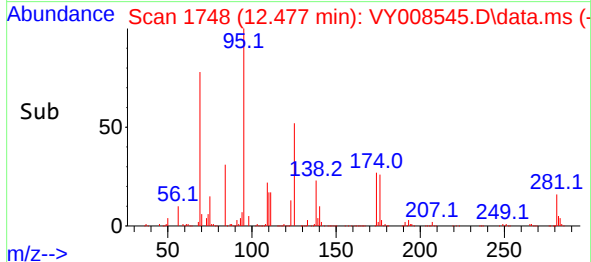
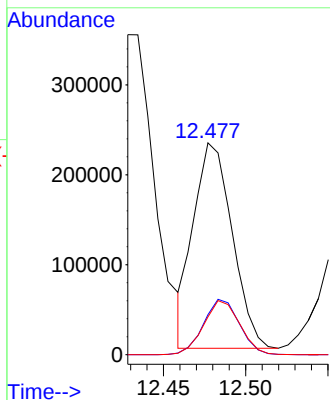
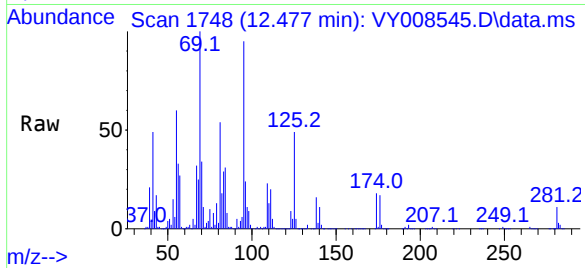




#62
4-Bromofluorobenzene
Concen: 269.881 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

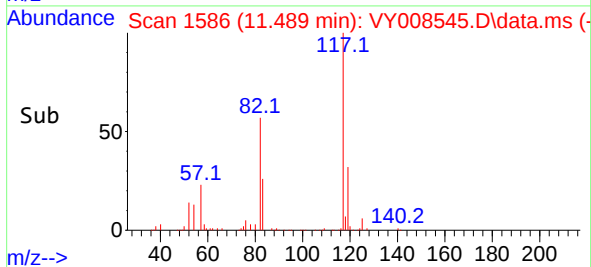
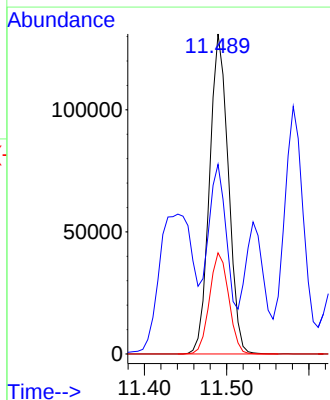
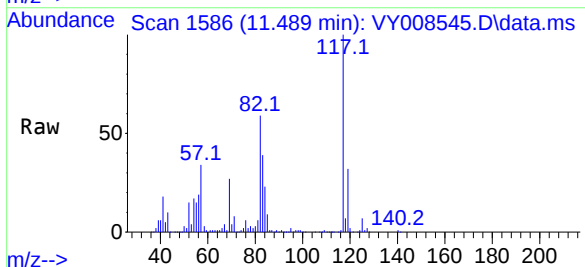
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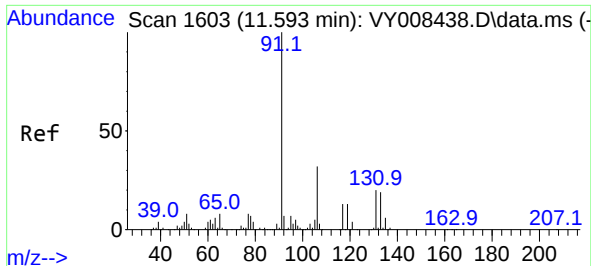
Tgt Ion: 95 Resp: 374480
Ion Ratio Lower Upper
95 100
174 25.1 0.0 177.0
176 24.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

Tgt Ion: 117 Resp: 208491
Ion Ratio Lower Upper
117 100
82 41.3 43.0 64.4#
119 31.6 25.4 38.0

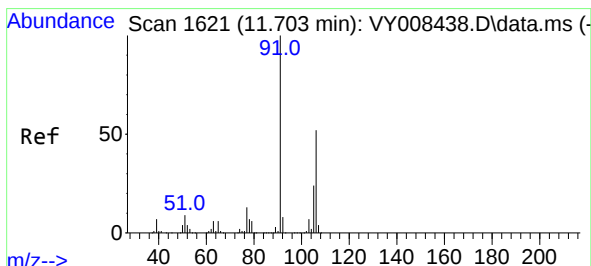
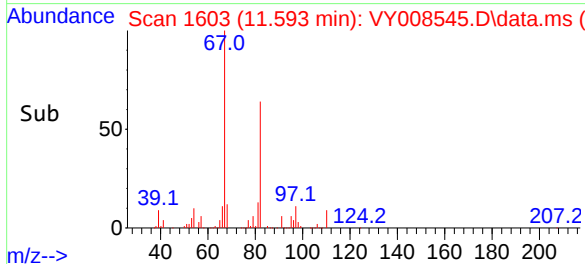
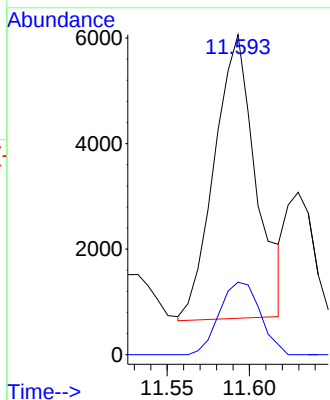
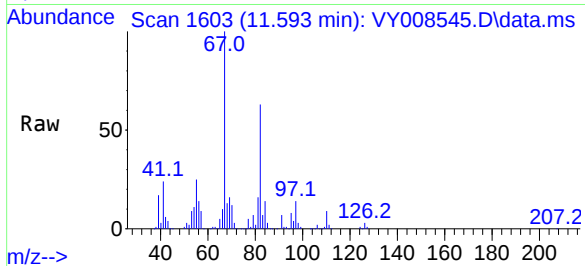




#67
Ethyl Benzene
Concen: 1.157 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

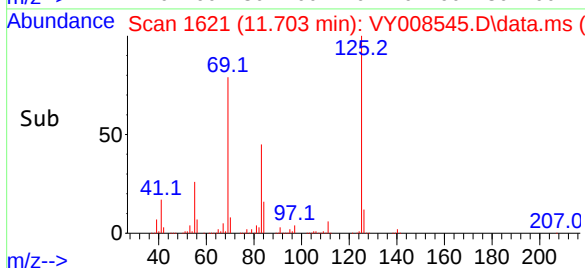
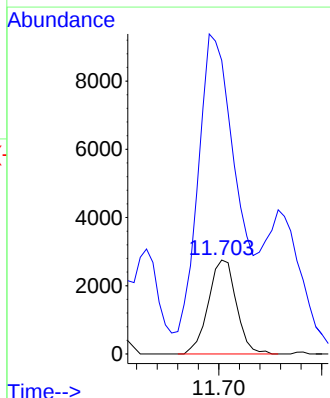
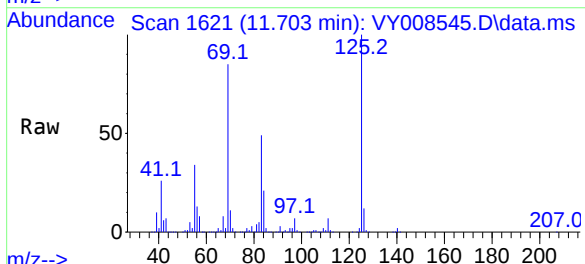
Instrument :
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GT-11-(15-20)RE

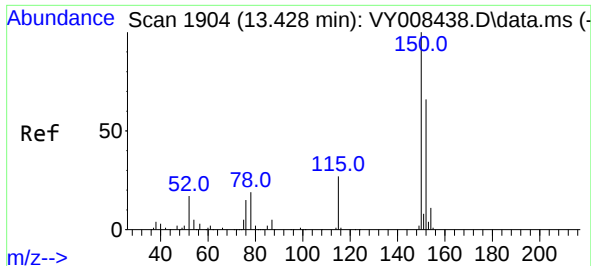
Tgt Ion: 91 Resp: 9465
Ion Ratio Lower Upper
91 100
106 25.7 24.5 36.7



#68
m/p-Xylenes
Concen: 1.586 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

Tgt Ion: 106 Resp: 5199
Ion Ratio Lower Upper
106 100
91 415.7 166.6 249.8#

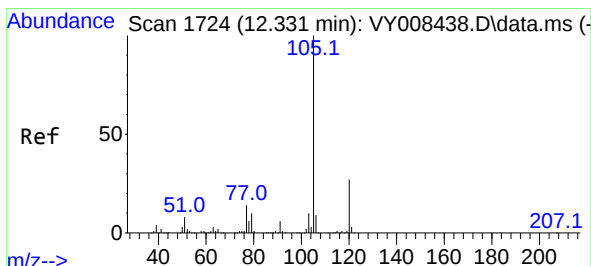
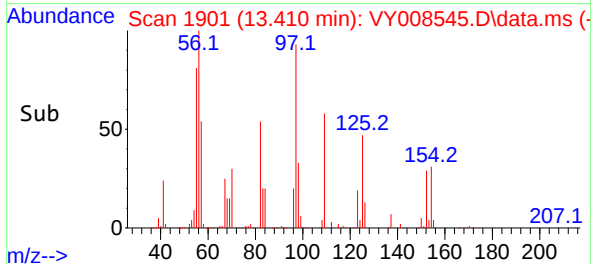
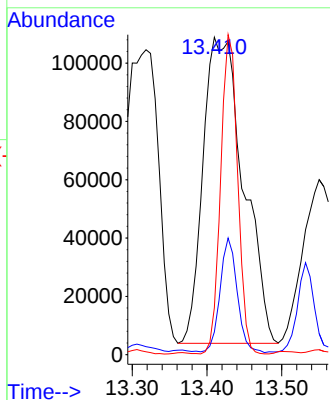
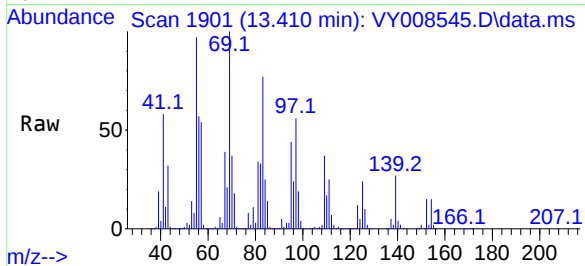




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

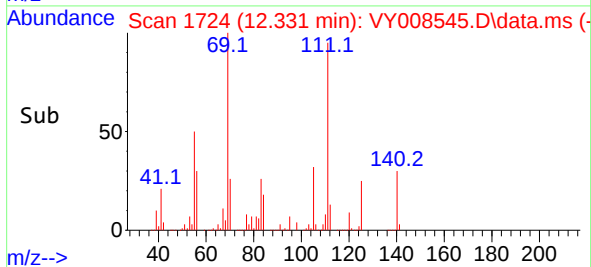
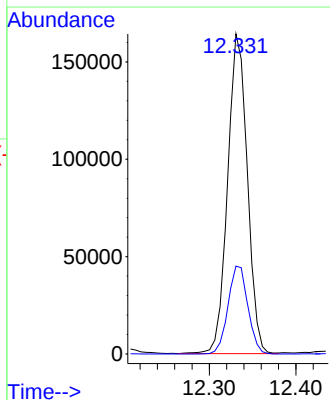
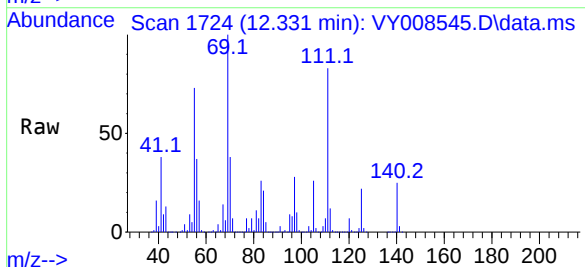
Instrument :
MSVOA_Y
ClientSampleId :
GT-11-(15-20)RE

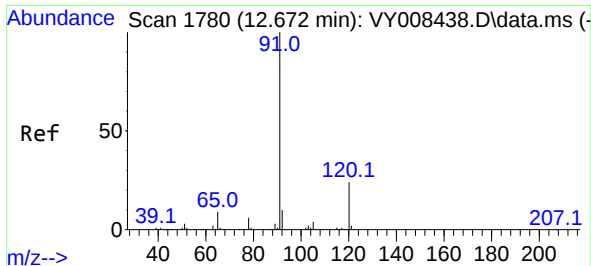
Tgt Ion:152 Resp: 394201
Ion Ratio Lower Upper
152 100
115 15.7 28.2 84.7#
150 44.1 0.0 347.6



#73
Isopropylbenzene
Concen: 8.677 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

Tgt Ion:105 Resp: 259333
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2

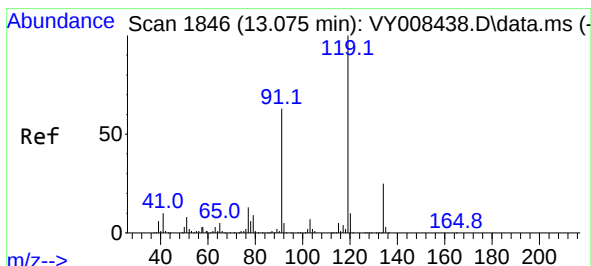
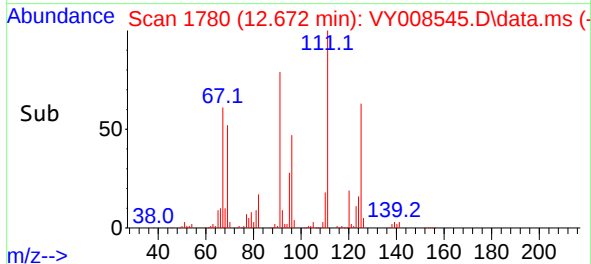
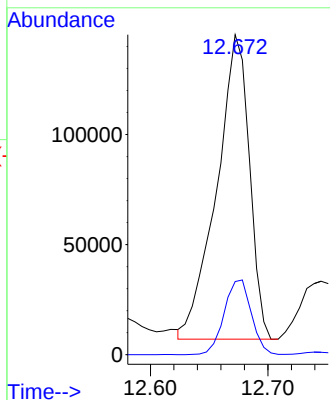
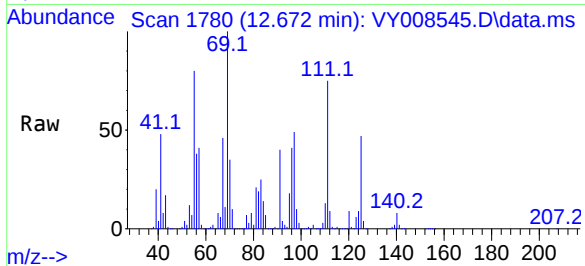




#78
n-propylbenzene
Concen: 7.476 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

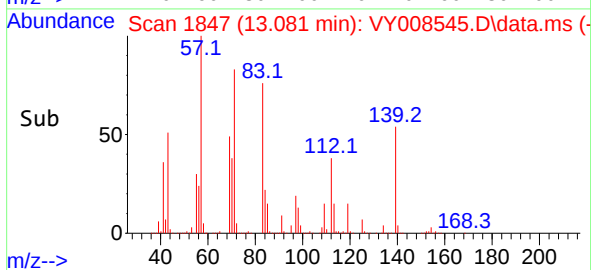
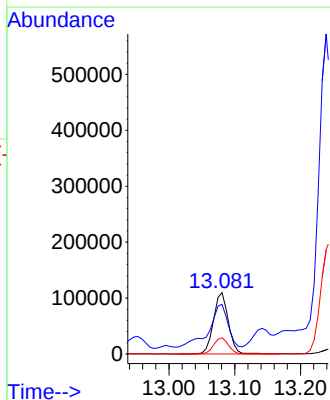
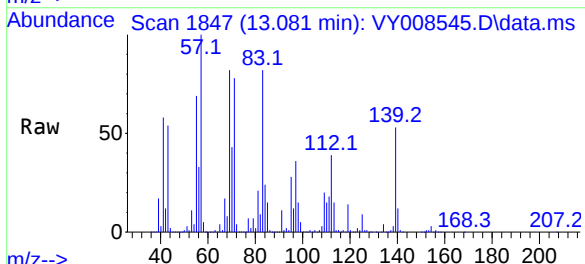
Instrument :
MSVOA_Y
ClientSampleId :
GT-11-(15-20)RE

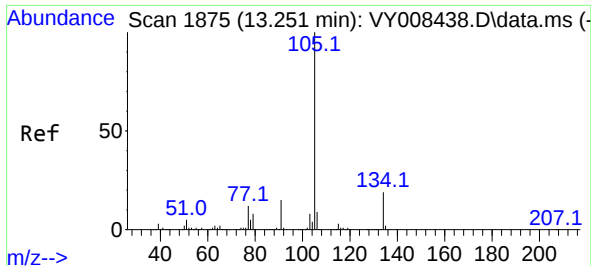
Tgt Ion: 91 Resp: 267999
Ion Ratio Lower Upper
91 100
120 20.4 11.3 33.9



#83
tert-Butylbenzene
Concen: 7.959 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY008545.D
Acq: 28 Apr 2022 14:12

Tgt Ion: 119 Resp: 171414
Ion Ratio Lower Upper
119 100
91 87.2 34.8 104.4
134 26.1 13.3 39.9

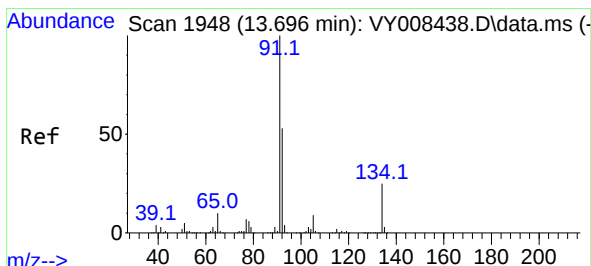
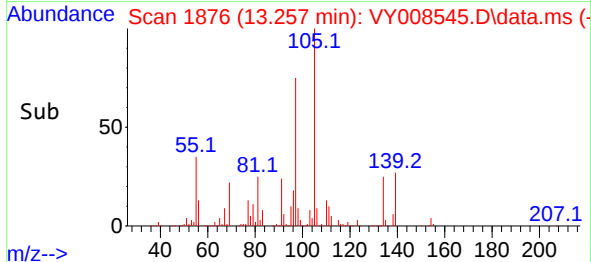
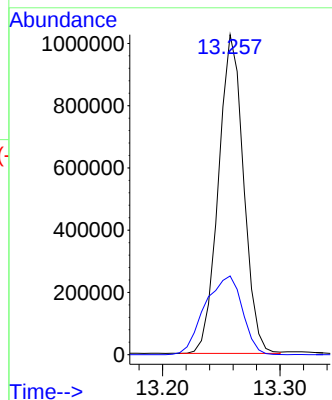
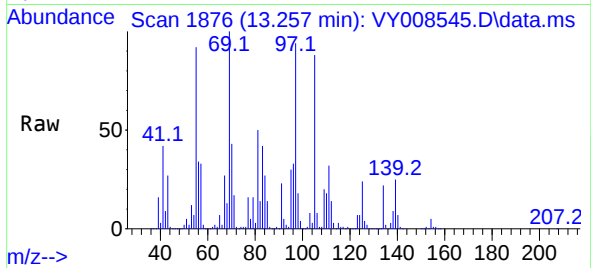




#85
 sec-Butylbenzene
 Concen: 46.826 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008545.D
 Acq: 28 Apr 2022 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-11-(15-20)RE

Tgt Ion:105 Resp: 1521903
 Ion Ratio Lower Upper
 105 100
 134 36.8 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 11.079 ug/l
 RT: 13.702 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VY008545.D
 Acq: 28 Apr 2022 14:12

Tgt Ion: 91 Resp: 273706
 Ion Ratio Lower Upper
 91 100
 92 38.7 26.3 78.9
 134 50.4 13.0 38.9#

