

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007577.D
 Acq On : 22 Feb 2022 12:58
 Operator : SY/MD
 Sample : N1600-03
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA2

Quant Time: Feb 22 14:13:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

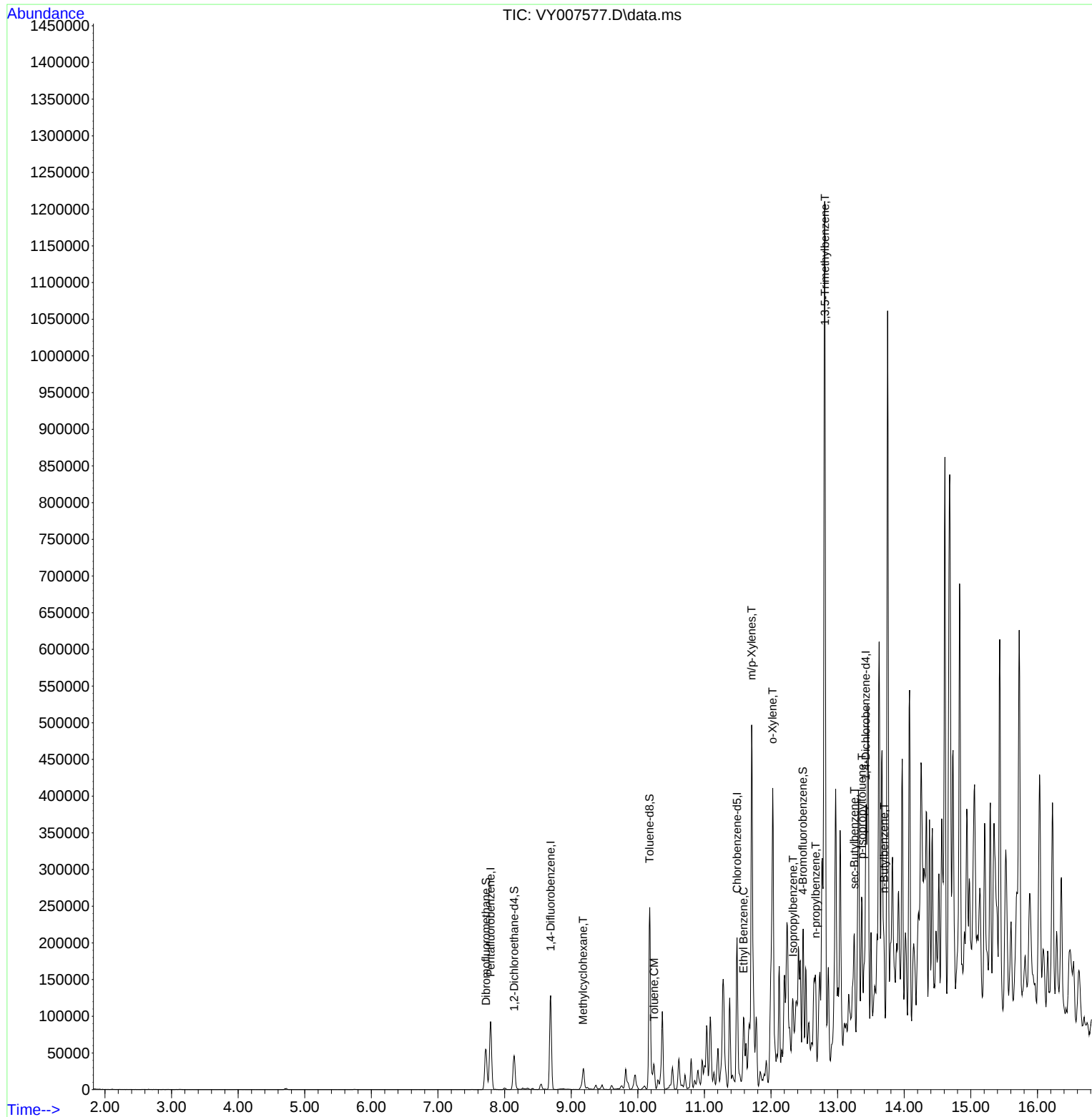
Internal Standards						
1) Pentafluorobenzene	7.789	168	67478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	108398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	104530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	37247	53.296	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.600%		
35) Dibromofluoromethane	7.722	113	36242	52.728	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.460%		
50) Toluene-d8	10.179	98	131772	55.292	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 110.580%		
62) 4-Bromofluorobenzene	12.477	95	46463	53.844	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 107.680%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.179	83	12086	9.529	ug/l #	77
52) Toluene	10.246	92	13313	7.219	ug/l	97
67) Ethyl Benzene	11.587	91	54140	13.941	ug/l	97
68) m/p-Xylenes	11.709	106	7393	5.000	ug/l	84
69) o-Xylene	12.026	106	81669	57.920	ug/l	98
73) Isopropylbenzene	12.331	105	35677	9.945	ug/l	98
78) n-propylbenzene	12.672	91	79059	18.906	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	161145	53.585	ug/l	97
85) sec-Butylbenzene	13.251	105	59276	15.332	ug/l	85
86) p-Isopropyltoluene	13.367	119	36843	11.316	ug/l	98
89) n-Butylbenzene	13.696	91	47000	15.805	ug/l #	72

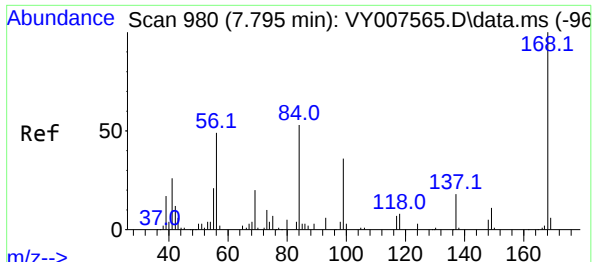
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007577.D
Acq On : 22 Feb 2022 12:58
Operator : SY/MD
Sample : N1600-03
Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA2

Quant Time: Feb 22 14:13:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 15:25:36 2022
Response via : Initial Calibration

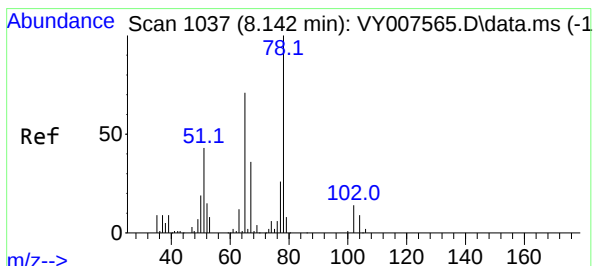
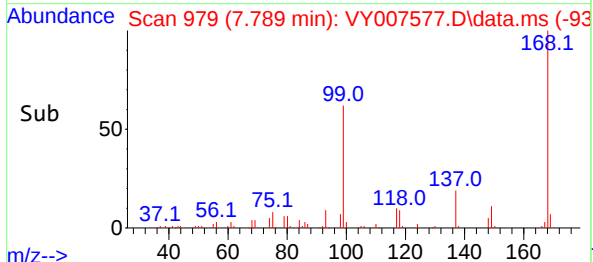
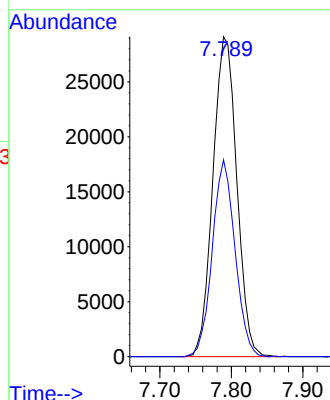
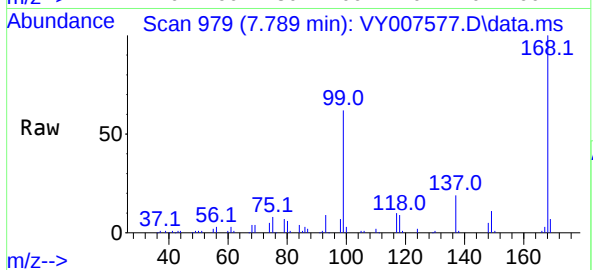




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

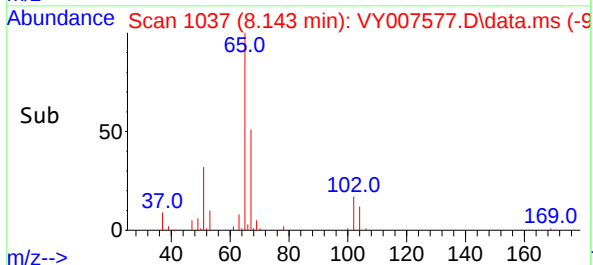
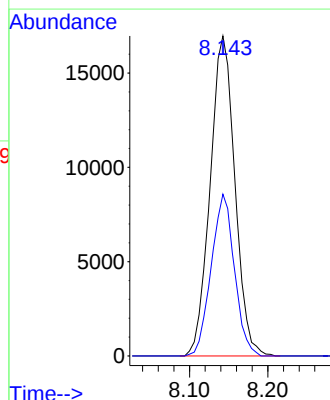
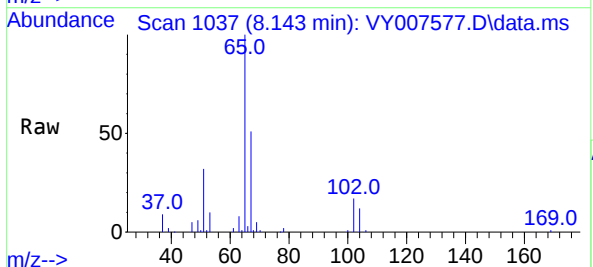
Instrument :
MSVOA_Y
ClientSampleId :
C0AA2

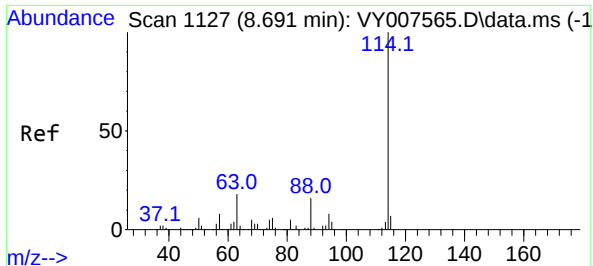
Tgt Ion:168 Resp: 67478
Ion Ratio Lower Upper
168 100
99 61.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.296 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

Tgt Ion: 65 Resp: 37247
Ion Ratio Lower Upper
65 100
67 47.3 0.0 99.4

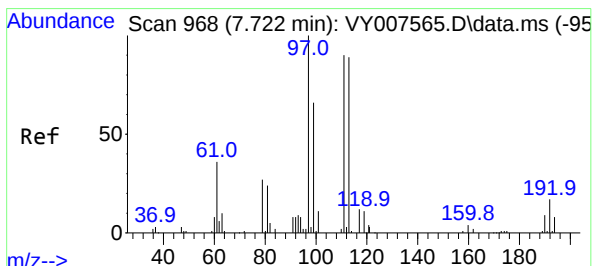
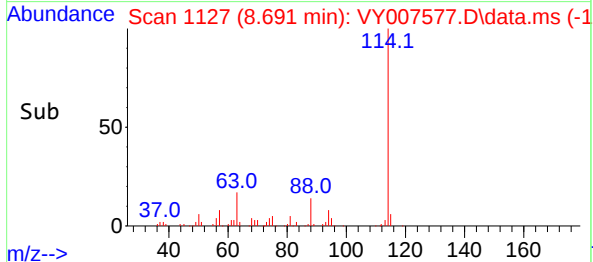
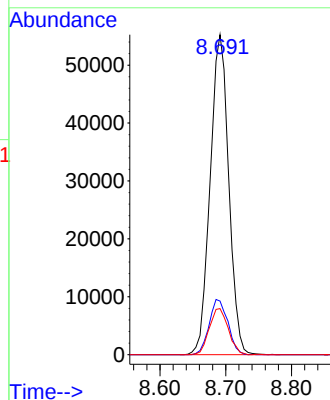
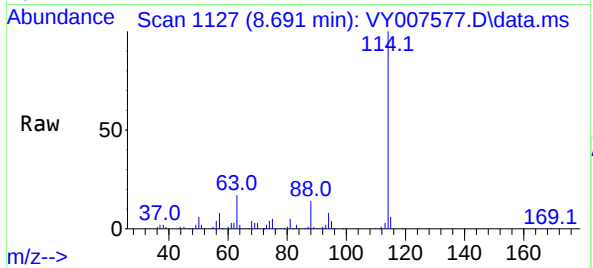




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

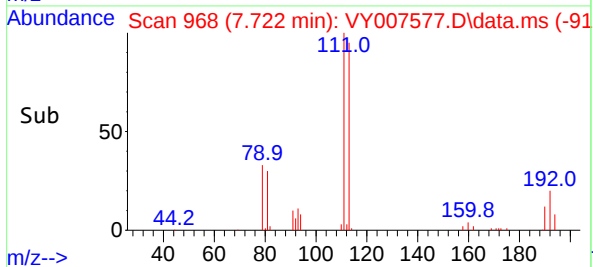
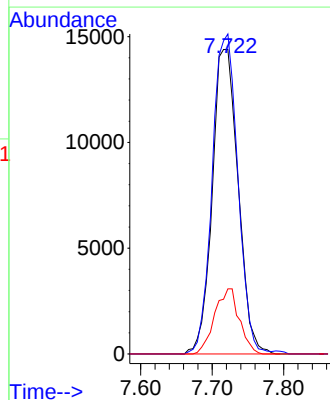
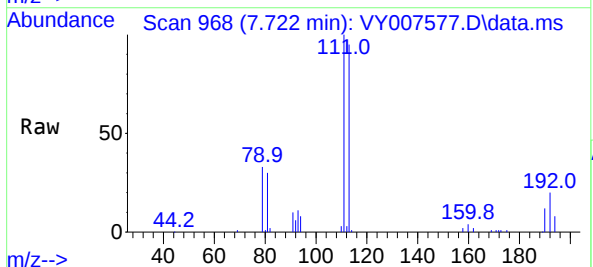
Instrument :
MSVOA_Y
ClientSampleId :
C0AA2

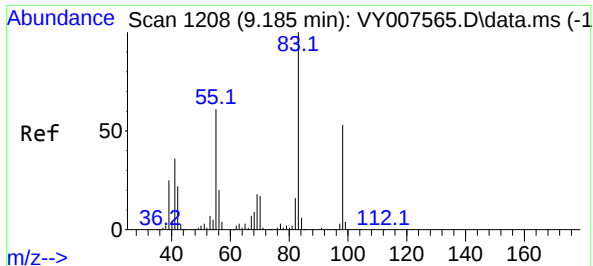
Tgt Ion:114 Resp: 108398
Ion Ratio Lower Upper
114 100
63 16.7 0.0 43.2
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.728 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

Tgt Ion:113 Resp: 36242
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 20.4 17.6 26.4





#39

Methylcyclohexane

Concen: 9.529 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007577.D

Acq: 22 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

C0AA2

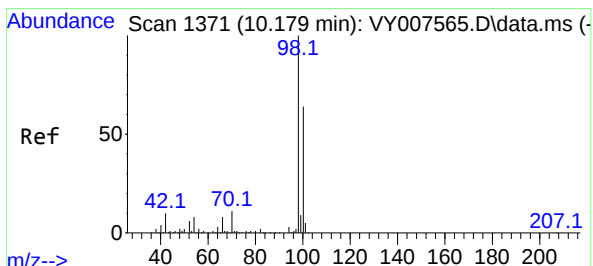
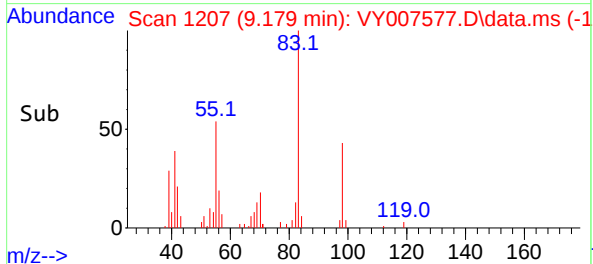
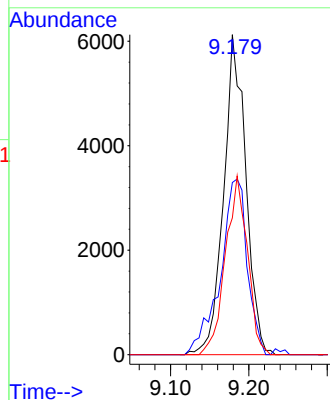
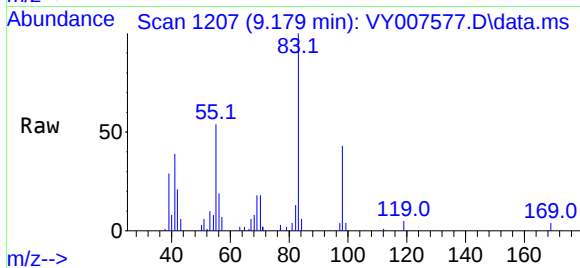
Tgt Ion: 83 Resp: 12086

Ion Ratio Lower Upper

83 100

55 53.8 66.5 99.7#

98 42.8 37.9 56.9



#50

Toluene-d8

Concen: 55.292 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007577.D

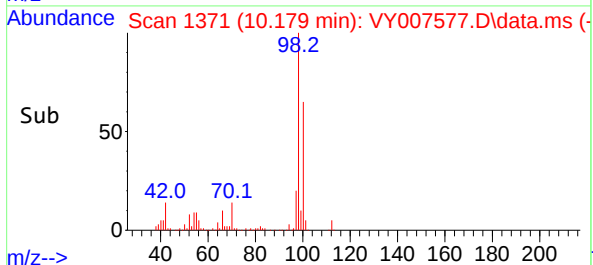
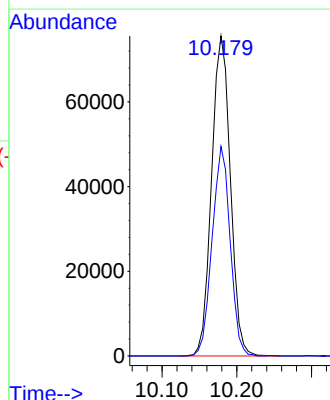
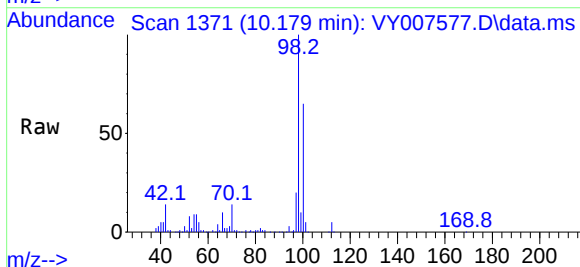
Acq: 22 Feb 2022 12:58

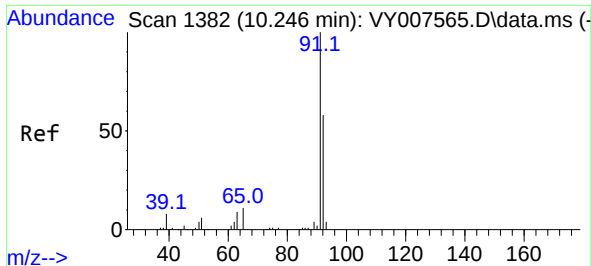
Tgt Ion: 98 Resp: 131772

Ion Ratio Lower Upper

98 100

100 63.0 50.2 75.2

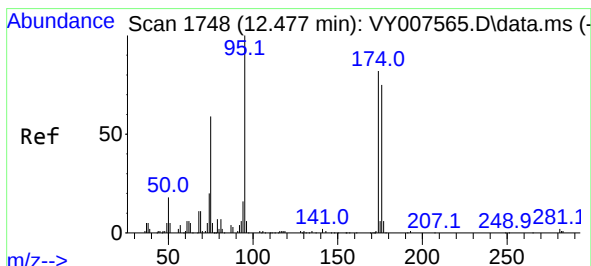
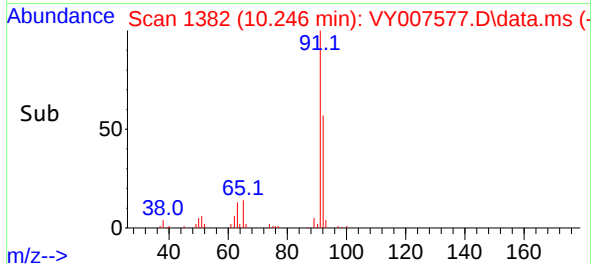
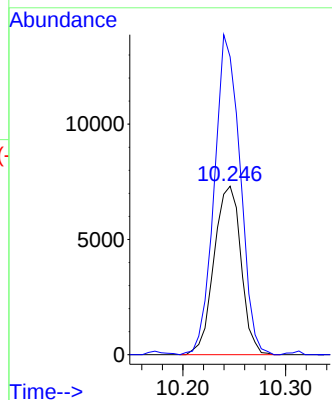
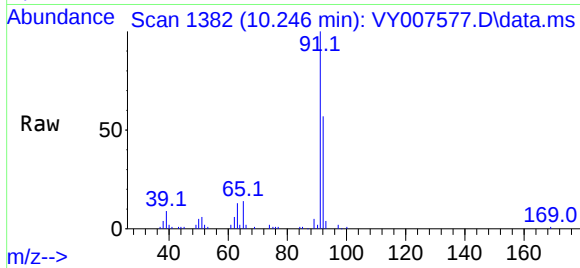




#52
Toluene
Concen: 7.219 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

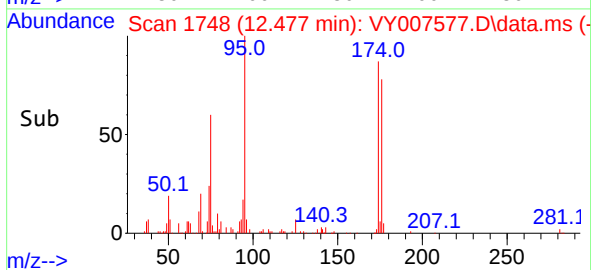
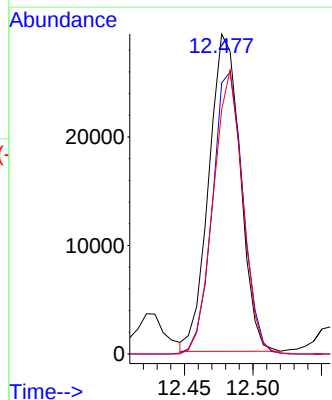
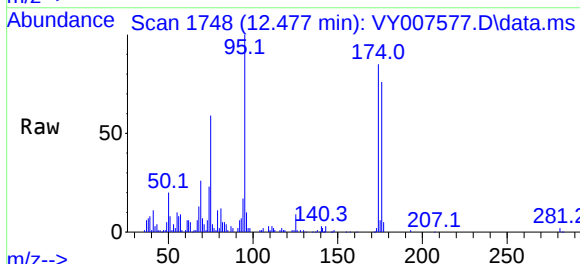
Instrument :
MSVOA_Y
ClientSampleId :
C0AA2

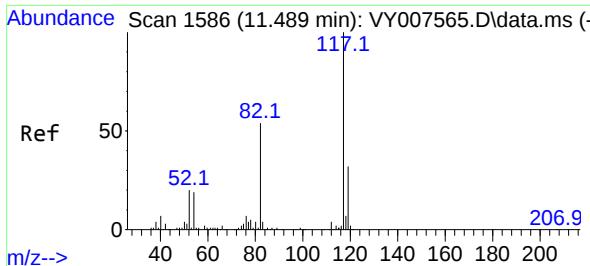
Tgt Ion: 92 Resp: 13313
Ion Ratio Lower Upper
92 100
91 181.7 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 53.844 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

Tgt Ion: 95 Resp: 46463
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 84.2 0.0 175.8

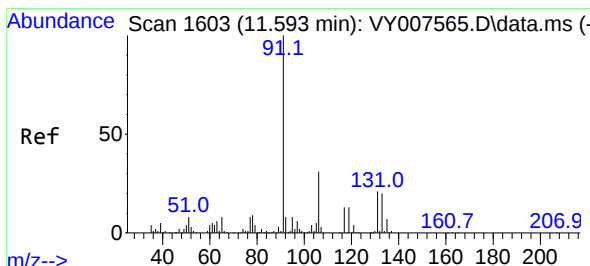
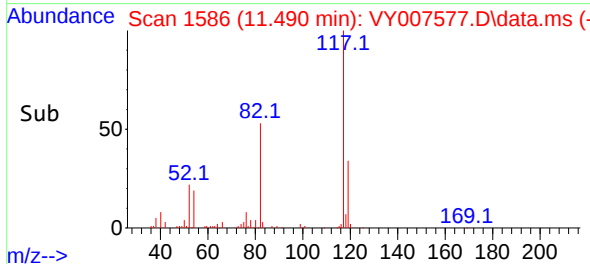
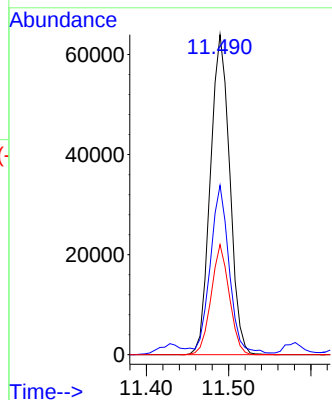
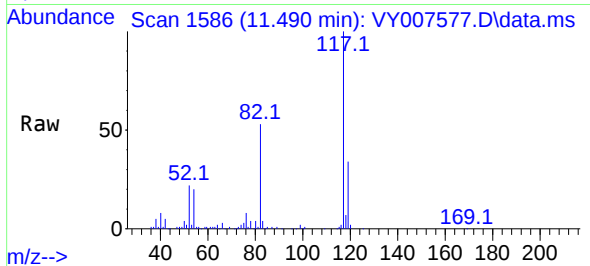




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

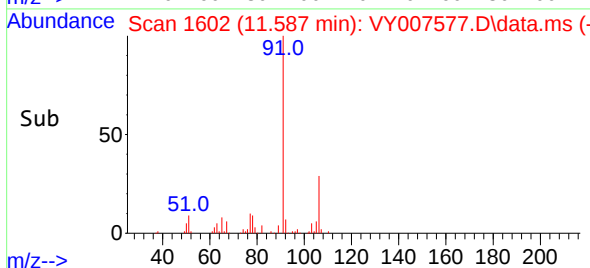
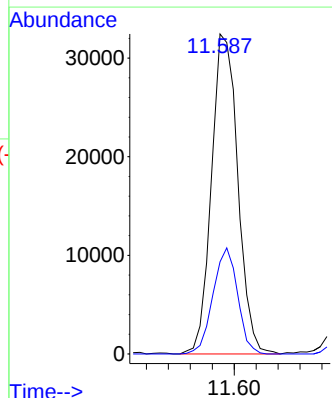
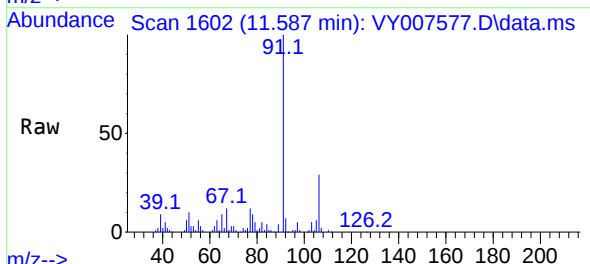
Instrument :
MSVOA_Y
ClientSampleId :
C0AA2

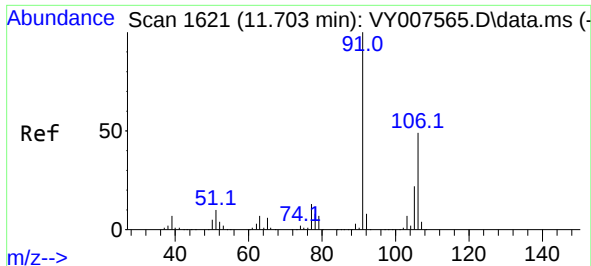
Tgt Ion:117 Resp: 104530
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 34.4 25.4 38.0



#67
Ethyl Benzene
Concen: 13.941 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

Tgt Ion: 91 Resp: 54140
Ion Ratio Lower Upper
91 100
106 28.8 24.5 36.7

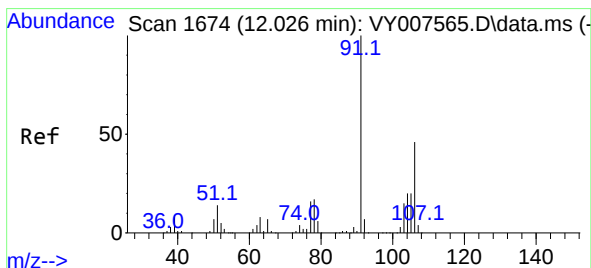
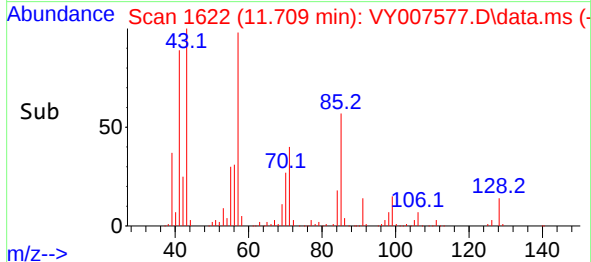
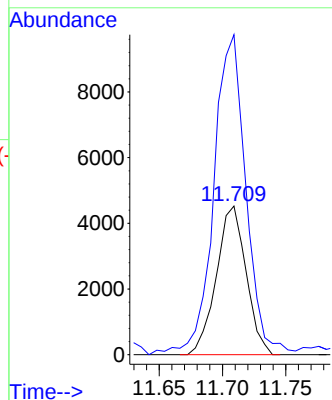
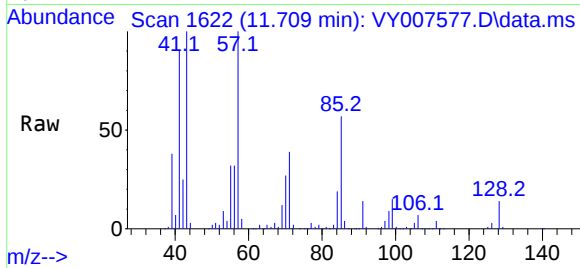




#68
m/p-Xylenes
Concen: 5.000 ug/l
RT: 11.709 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

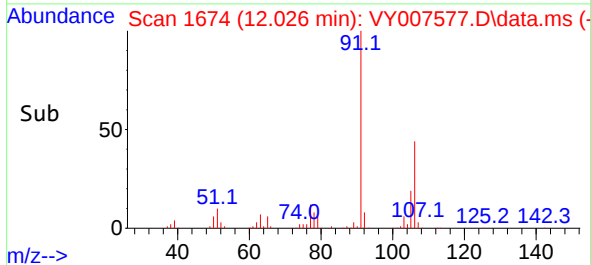
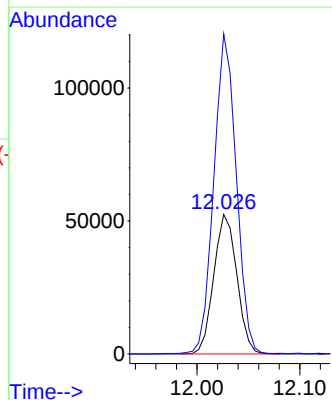
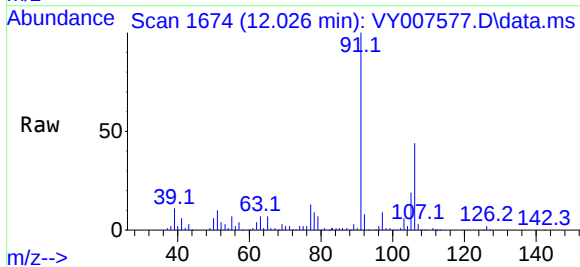
Instrument :
MSVOA_Y
ClientSampleId :
C0AA2

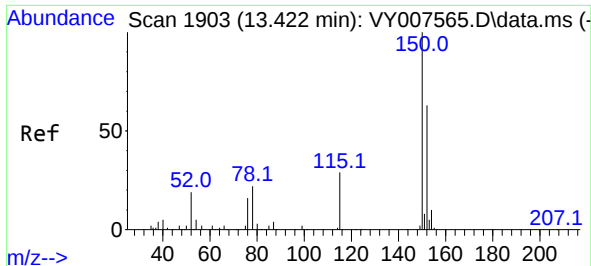
Tgt Ion:106 Resp: 7393
Ion Ratio Lower Upper
106 100
91 233.4 166.6 249.8



#69
o-Xylene
Concen: 57.920 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

Tgt Ion:106 Resp: 81669
Ion Ratio Lower Upper
106 100
91 223.9 110.3 331.0

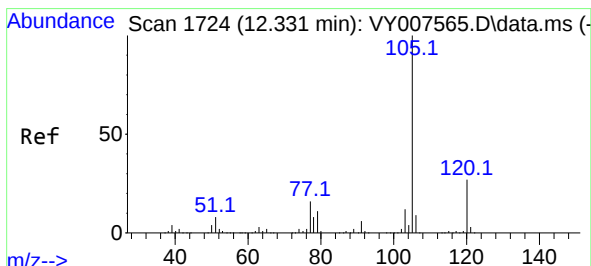
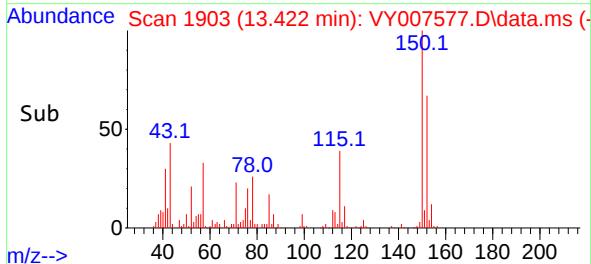
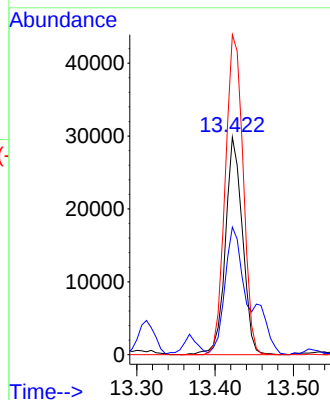
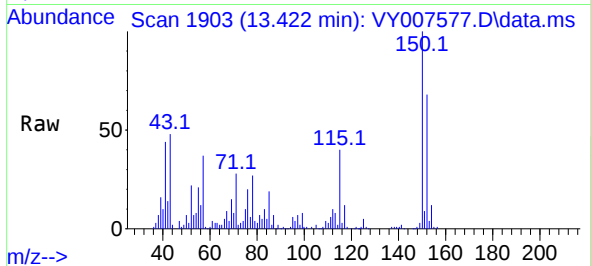




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

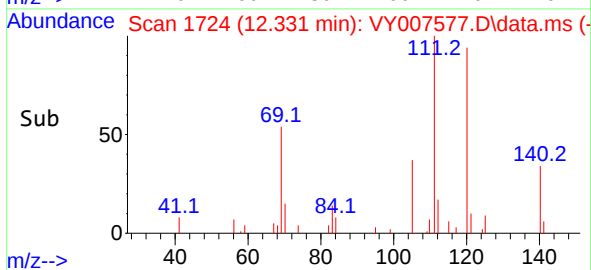
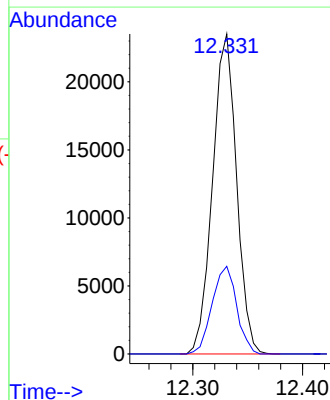
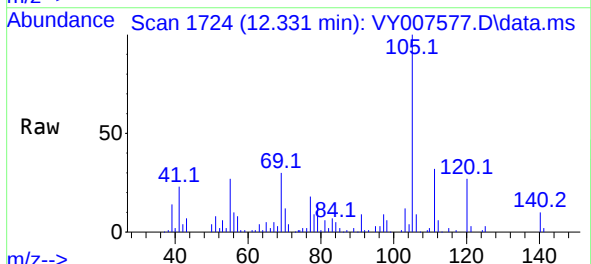
Instrument :
MSVOA_Y
ClientSampleId :
C0AA2

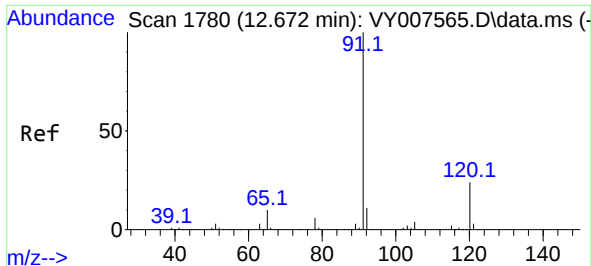
Tgt Ion:152 Resp: 45320
Ion Ratio Lower Upper
152 100
115 63.5 28.2 84.7
150 153.6 0.0 347.6



#73
Isopropylbenzene
Concen: 9.945 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

Tgt Ion:105 Resp: 35677
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.2

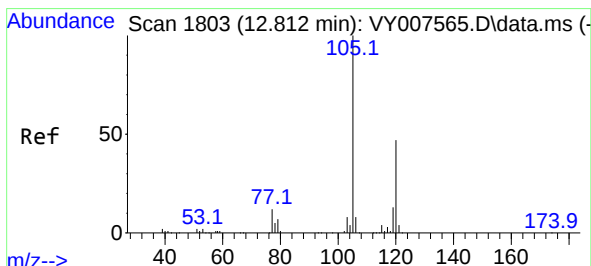
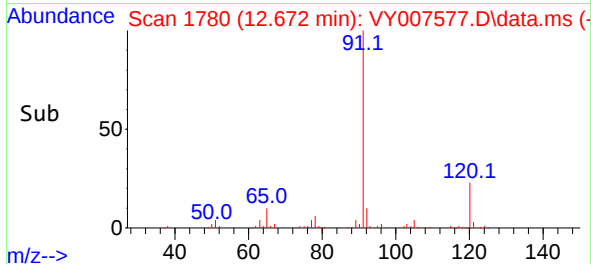
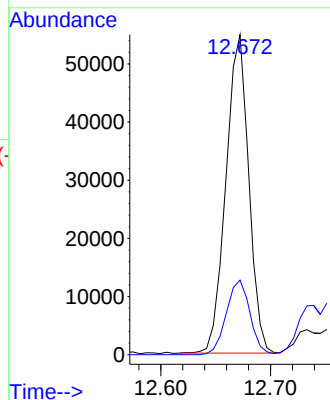
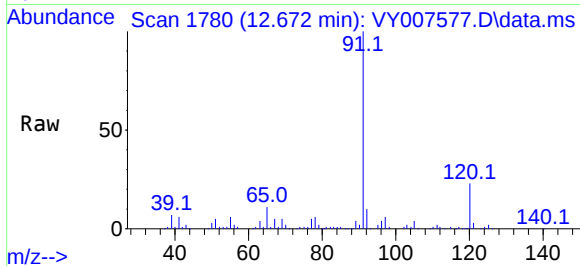




#78
n-propylbenzene
Concen: 18.906 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

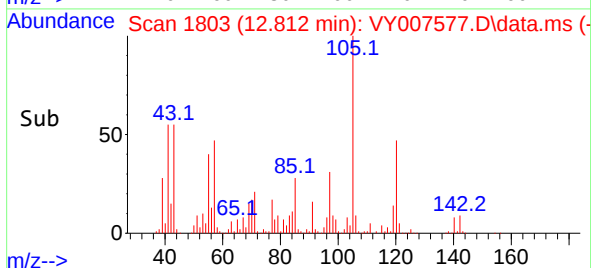
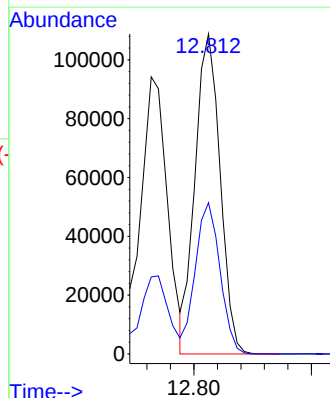
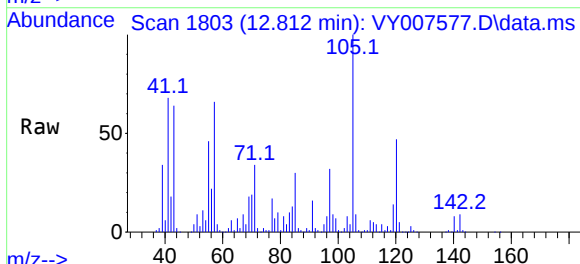
Instrument :
MSVOA_Y
ClientSampleId :
C0AA2

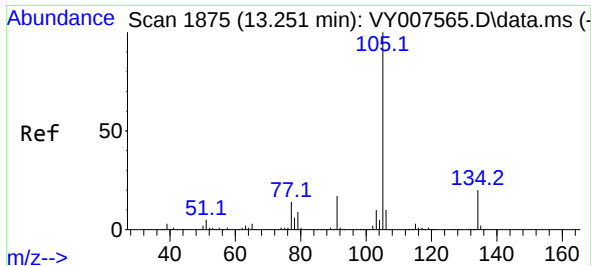
Tgt Ion: 91 Resp: 79059
Ion Ratio Lower Upper
91 100
120 24.3 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 53.585 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007577.D
Acq: 22 Feb 2022 12:58

Tgt Ion: 105 Resp: 161145
Ion Ratio Lower Upper
105 100
120 46.7 24.4 73.4

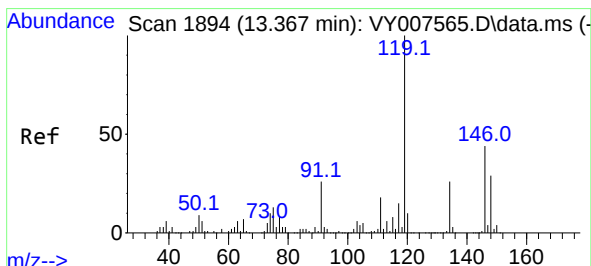
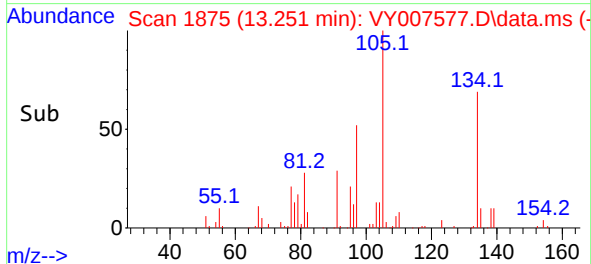
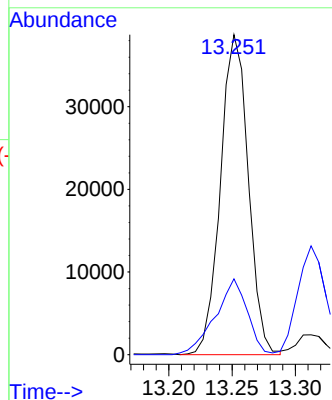
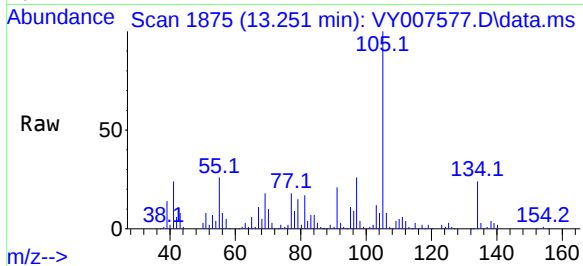




#85
 sec-Butylbenzene
 Concen: 15.332 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007577.D
 Acq: 22 Feb 2022 12:58

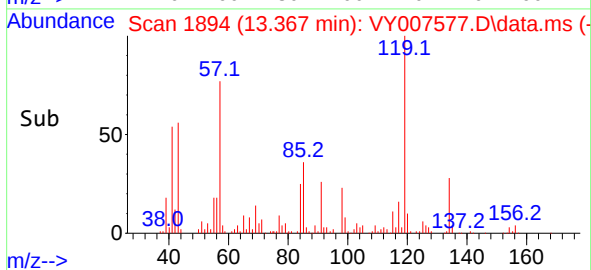
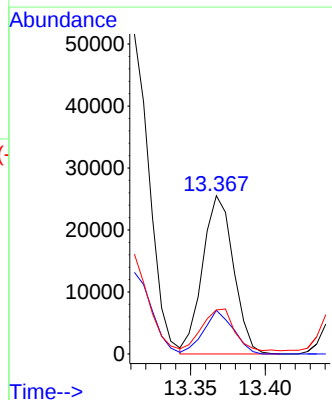
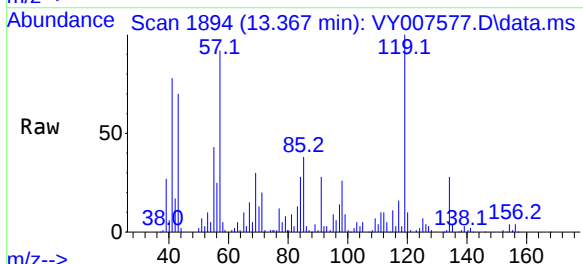
Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA2

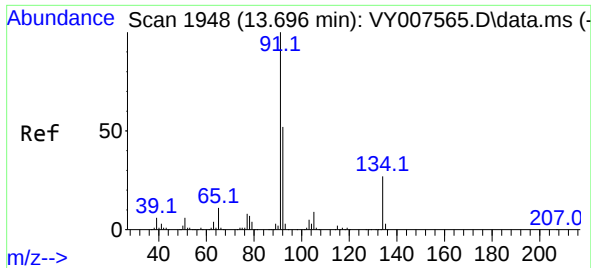
Tgt Ion:105 Resp: 59276
 Ion Ratio Lower Upper
 105 100
 134 27.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 11.316 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007577.D
 Acq: 22 Feb 2022 12:58

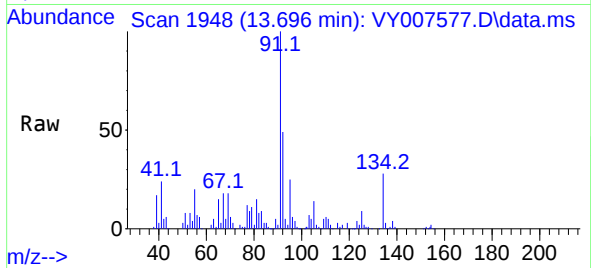
Tgt Ion:119 Resp: 36843
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 27.0 12.4 37.2





#89
 n-Butylbenzene
 Concen: 15.805 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY007577.D
 Acq: 22 Feb 2022 12:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA2



Tgt Ion: 91 Resp: 47000

Ion	Ratio	Lower	Upper
91	100		
92	64.7	26.3	78.9
134	0.0	13.0	38.9#

