

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007222.D
 Acq On : 19 Jan 2022 14:47
 Operator : SY/MD
 Sample : N1145-10
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-10-7.0

Quant Time: Jan 20 00:16:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

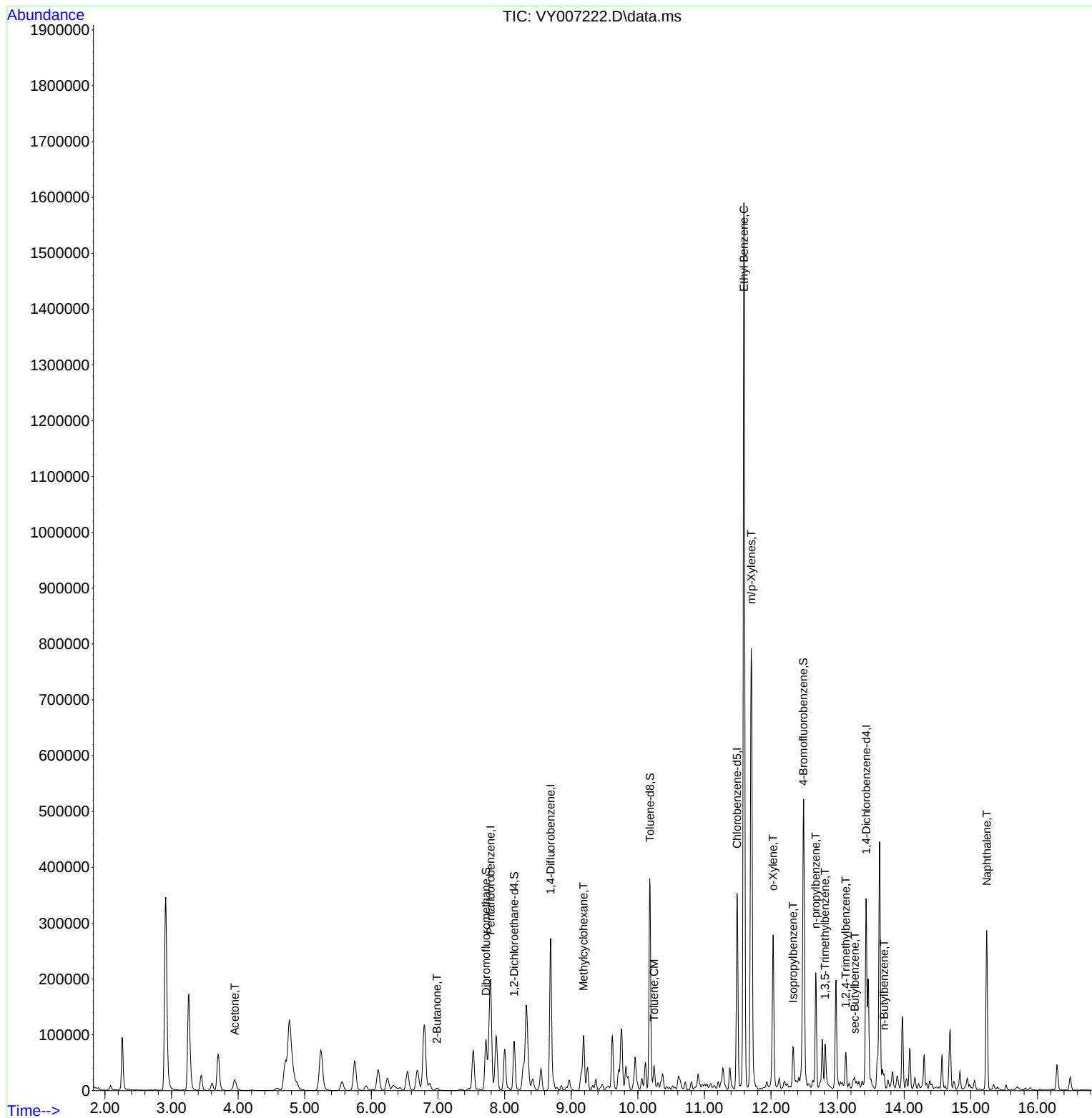
Internal Standards						
1) Pentafluorobenzene	7.789	168	101610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69375	55.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.722	113	63212	49.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.185	98	235353	50.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.483	95	86595	52.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.460%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	21166	65.415	ug/l	# 82
25) 2-Butanone	6.984	43	4767	11.395	ug/l	94
39) Methylcyclohexane	9.185	83	30313	12.186	ug/l	88
52) Toluene	10.246	92	16773	4.869	ug/l	100
67) Ethyl Benzene	11.593	91	1084936	146.277	ug/l	100
68) m/p-Xylenes	11.703	106	245899	89.214	ug/l	99
69) o-Xylene	12.032	106	68572	26.418	ug/l	96
73) Isopropylbenzene	12.331	105	49538	7.298	ug/l	98
78) n-propylbenzene	12.672	91	153030	18.187	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	34670	6.221	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	35322	6.394	ug/l	98
85) sec-Butylbenzene	13.257	105	9247	1.283	ug/l	# 60
89) n-Butylbenzene	13.696	91	15665	2.687	ug/l	# 75
95) Naphthalene	15.239	128	219081	65.944	ug/l	99

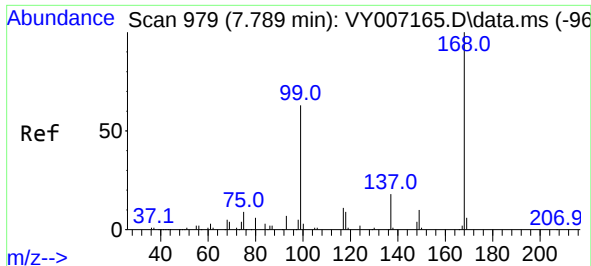
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
Data File : VY007222.D
Acq On : 19 Jan 2022 14:47
Operator : SY/MD
Sample : N1145-10
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

Quant Time: Jan 20 00:16:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

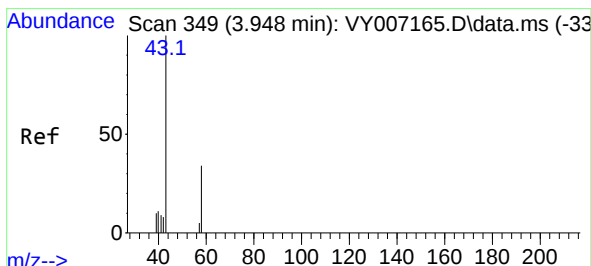
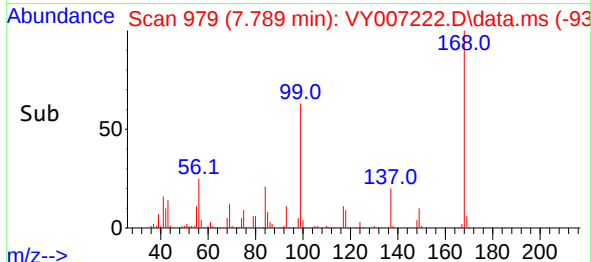
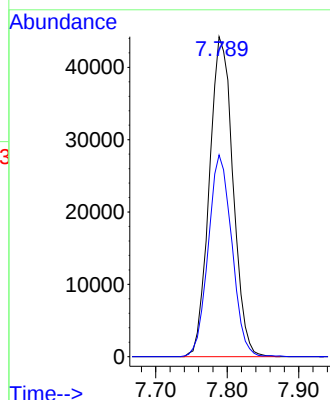
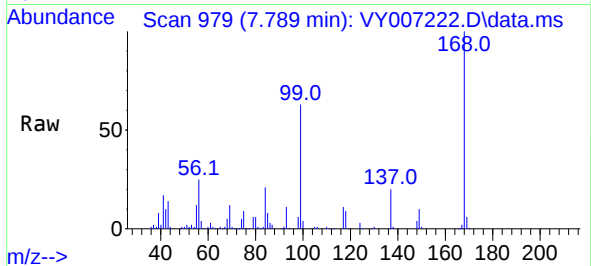




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

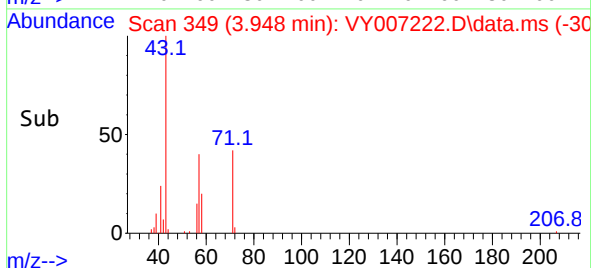
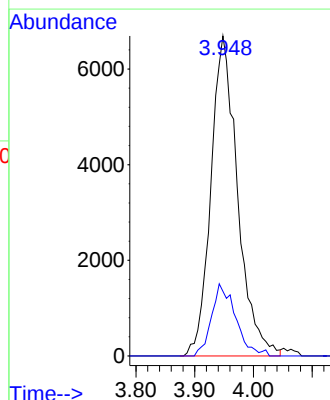
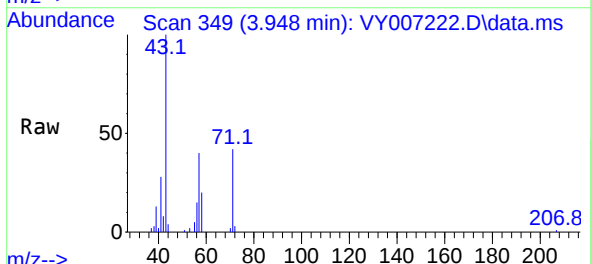
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

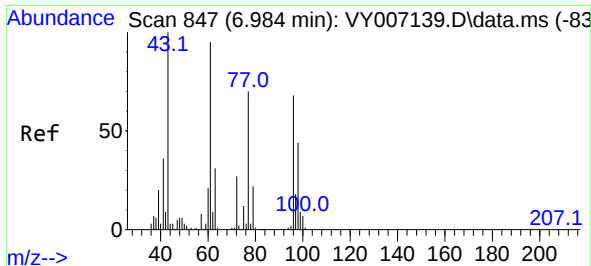
Tgt Ion:168 Resp: 101610
Ion Ratio Lower Upper
168 100
99 63.0 49.1 73.7



#16
Acetone
Concen: 65.415 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 43 Resp: 21166
Ion Ratio Lower Upper
43 100
58 20.2 23.8 35.6#

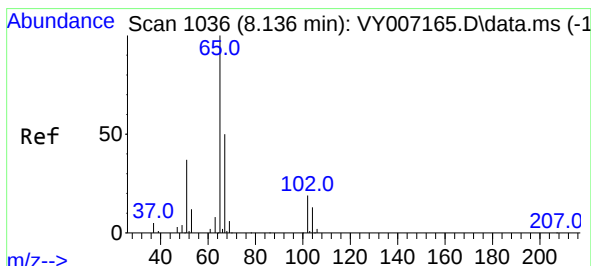
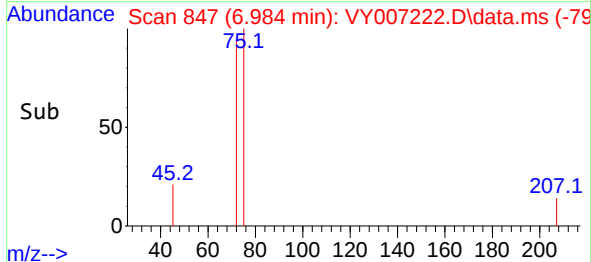
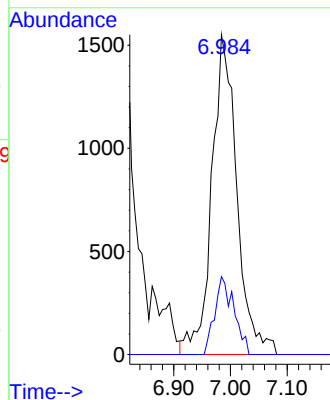
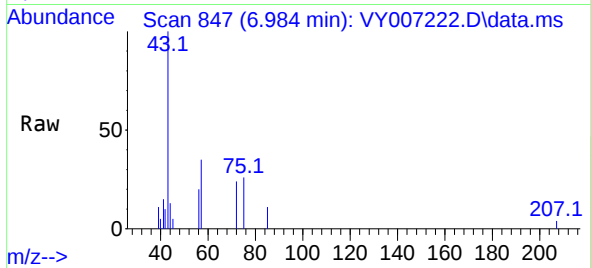




#25
2-Butanone
Concen: 11.395 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

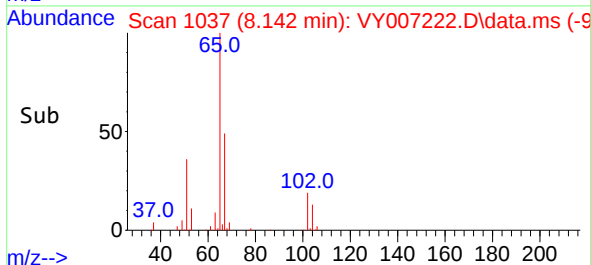
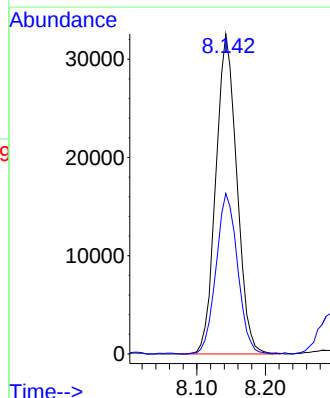
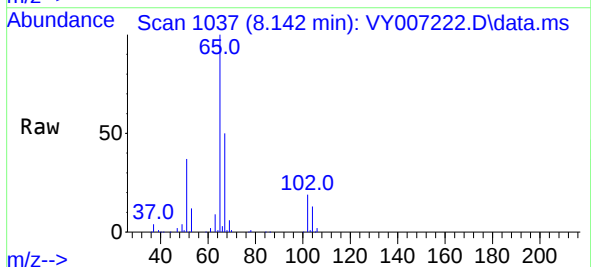
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

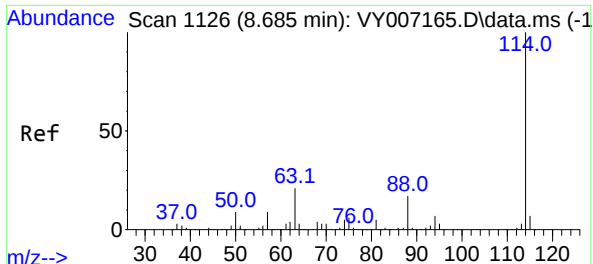
Tgt Ion: 43 Resp: 4767
Ion Ratio Lower Upper
43 100
72 24.4 21.9 32.9



#33
1,2-Dichloroethane-d4
Concen: 55.644 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 65 Resp: 69375
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

A3-10-7.0

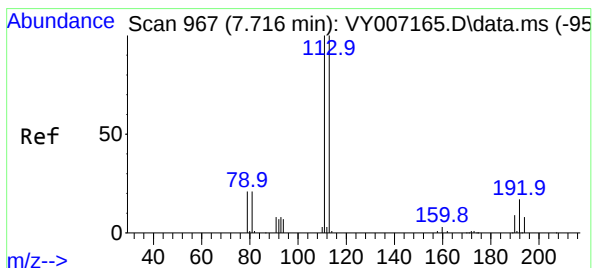
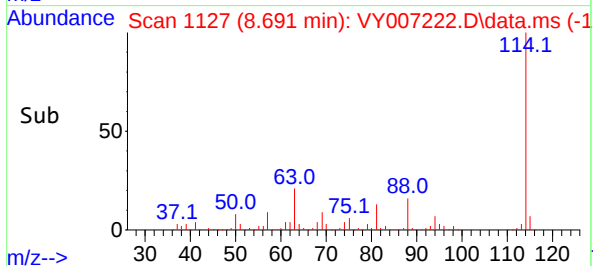
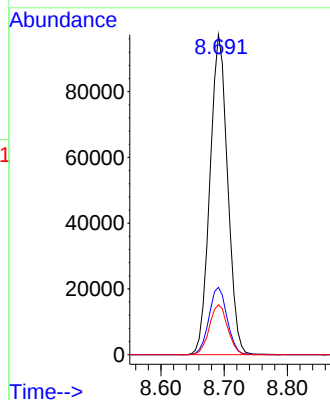
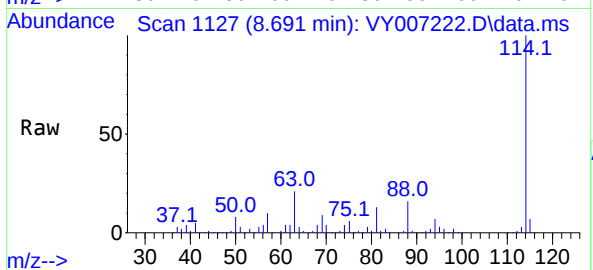
Tgt Ion:114 Resp: 188645

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 15.6 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.555 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

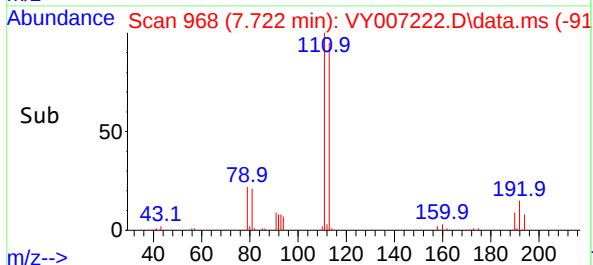
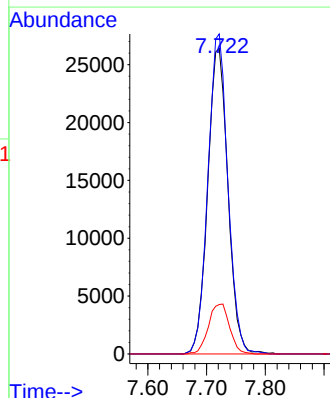
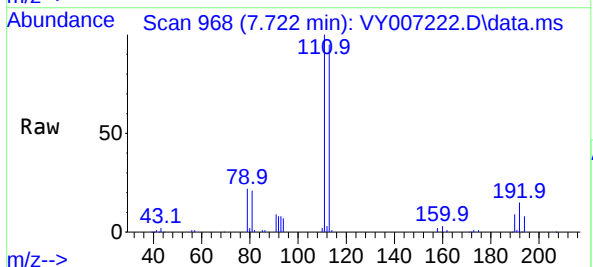
Tgt Ion:113 Resp: 63212

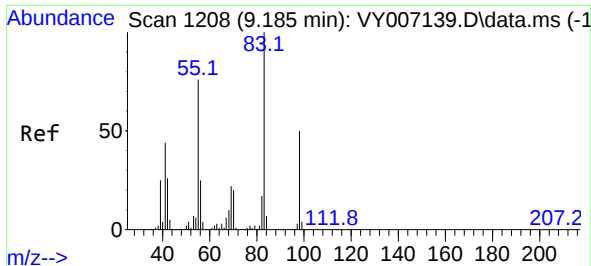
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.0 14.2 21.4

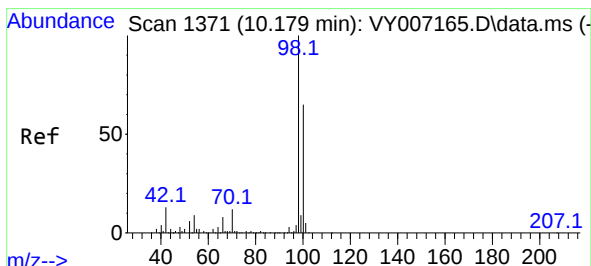
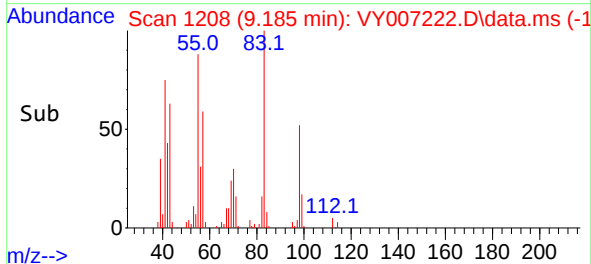
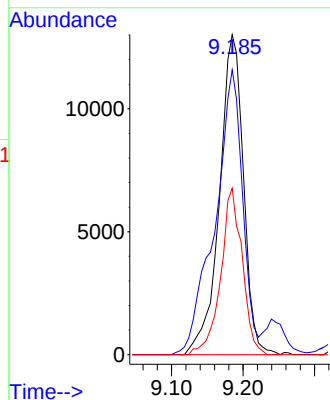
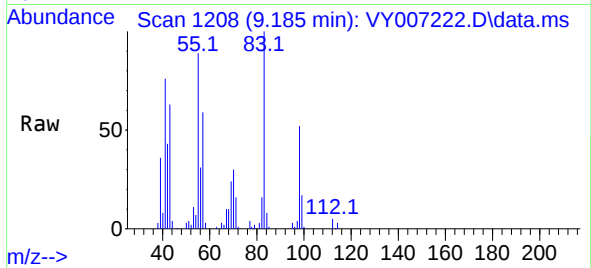




#39
Methylcyclohexane
Concen: 12.186 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

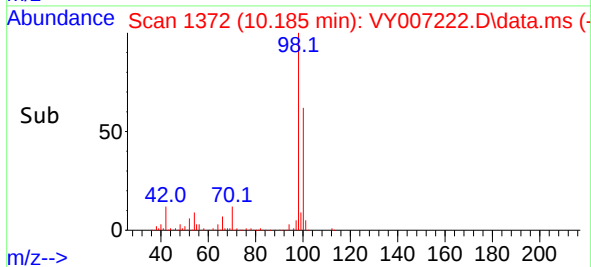
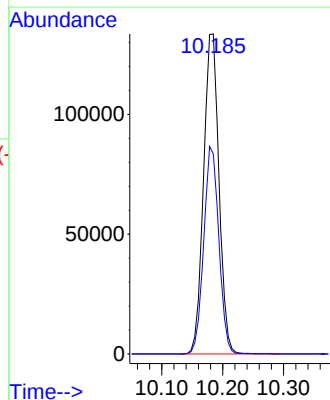
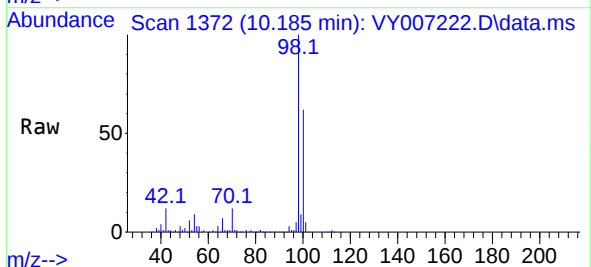
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

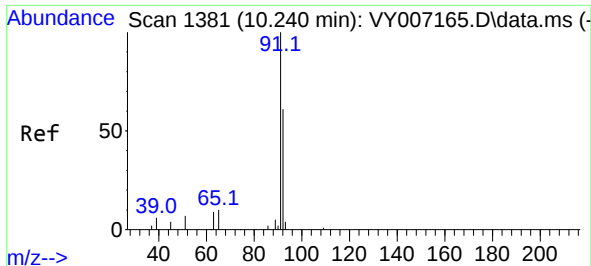
Tgt Ion: 83 Resp: 30313
Ion Ratio Lower Upper
83 100
55 87.8 58.8 88.2
98 52.0 38.7 58.1



#50
Toluene-d8
Concen: 50.495 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 98 Resp: 235353
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2

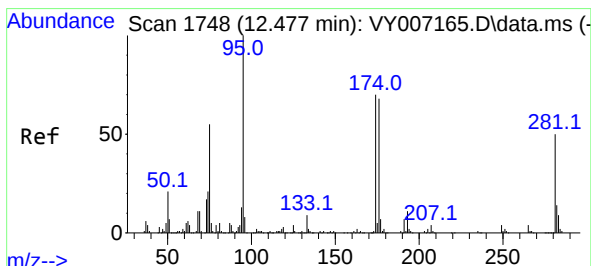
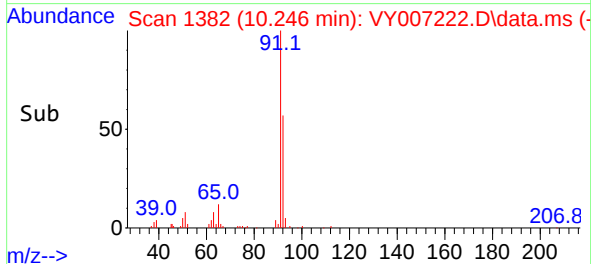
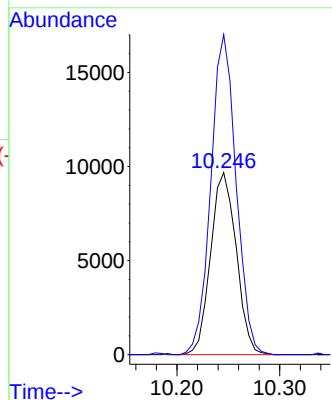
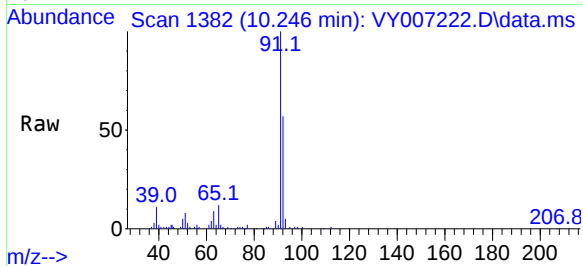




#52
Toluene
Concen: 4.869 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

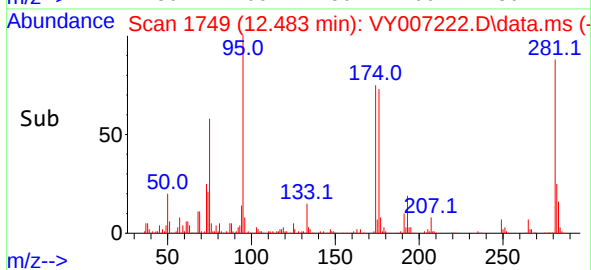
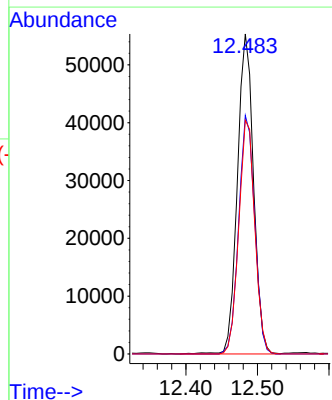
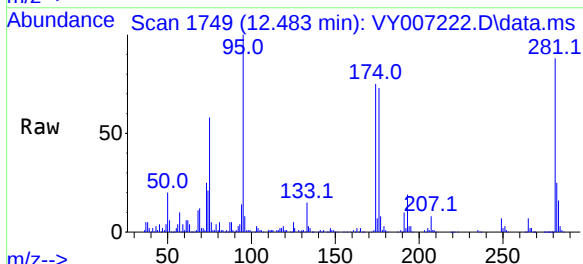
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

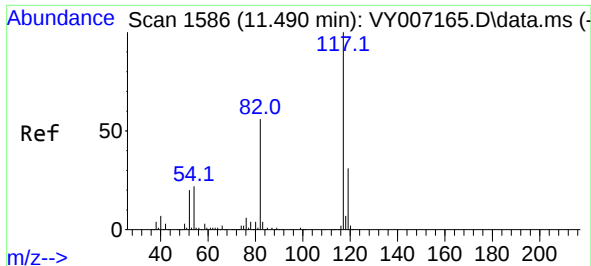
Tgt Ion: 92 Resp: 16773
Ion Ratio Lower Upper
92 100
91 173.6 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 52.230 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 95 Resp: 86595
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.4
176 72.6 0.0 146.6

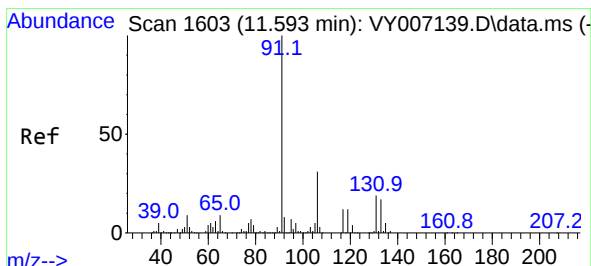
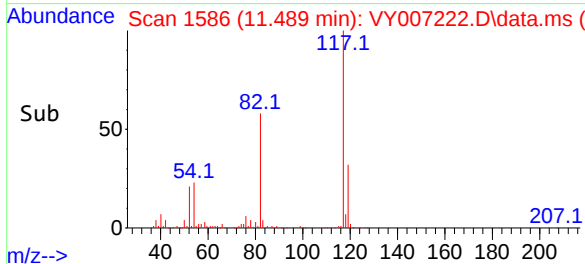
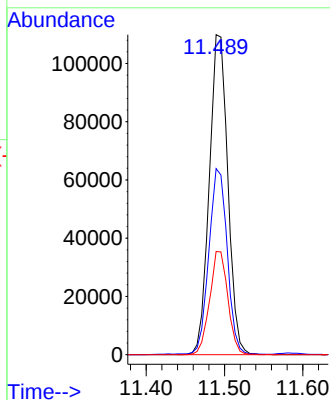
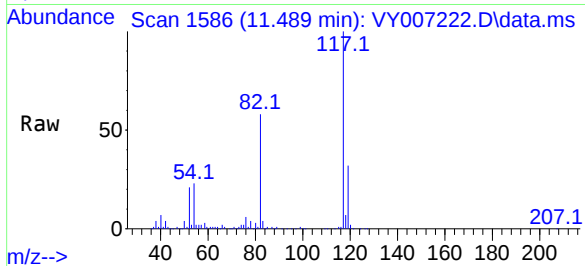




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

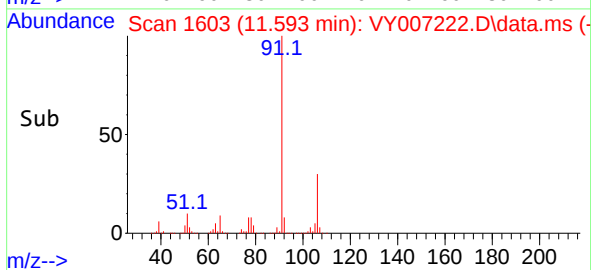
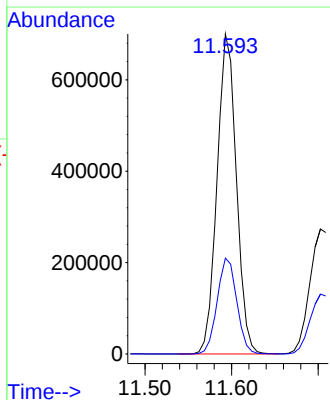
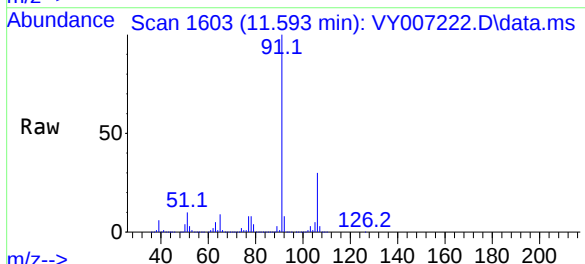
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

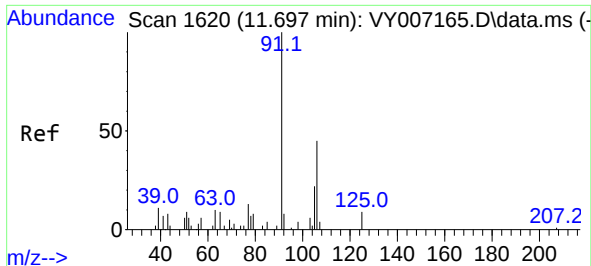
Tgt Ion:117 Resp: 180478
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 32.3 26.4 39.6



#67
Ethyl Benzene
Concen: 146.277 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 91 Resp: 1084936
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9

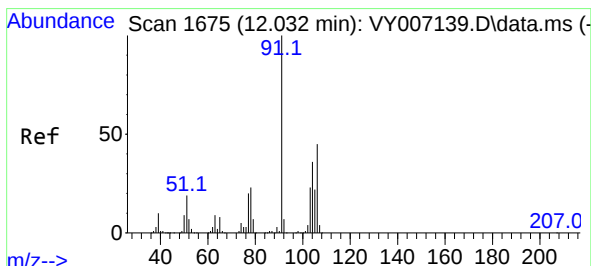
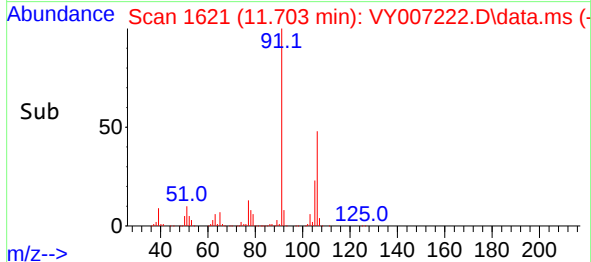
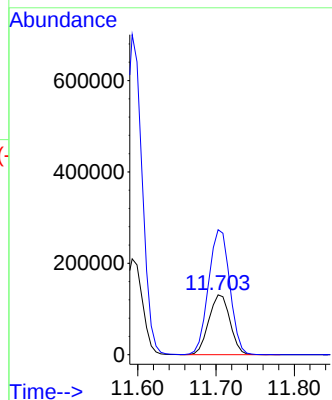
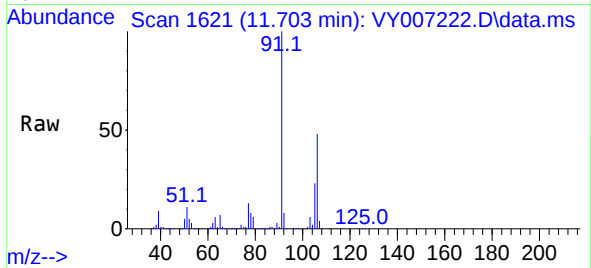




#68
m/p-Xylenes
Concen: 89.214 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

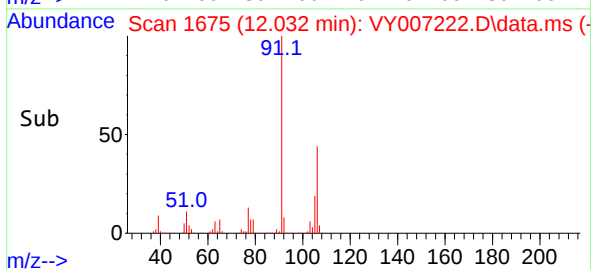
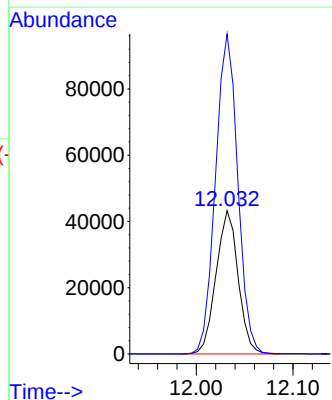
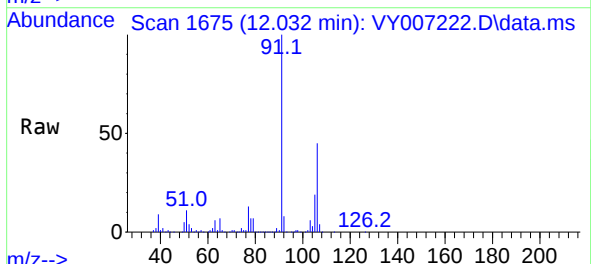
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

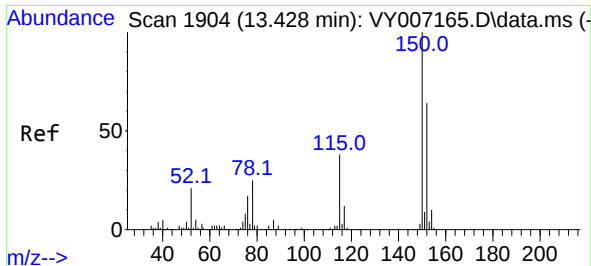
Tgt Ion:106 Resp: 245899
Ion Ratio Lower Upper
106 100
91 209.9 167.1 250.7



#69
o-Xylene
Concen: 26.418 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion:106 Resp: 68572
Ion Ratio Lower Upper
106 100
91 225.4 109.9 329.6

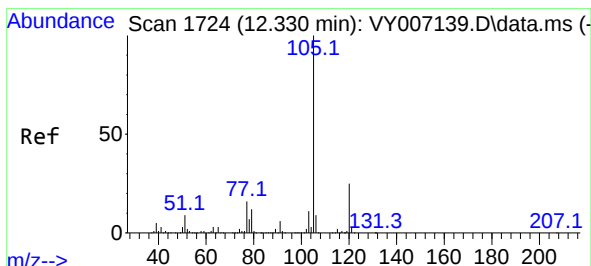
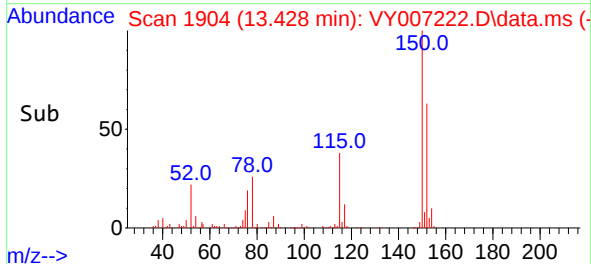
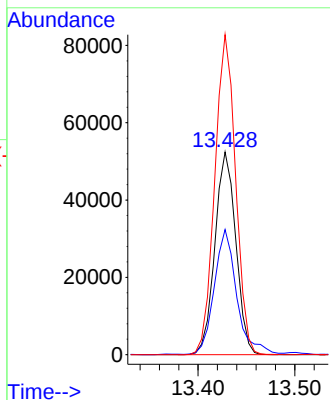
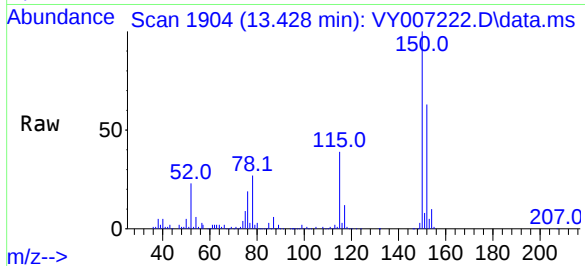




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

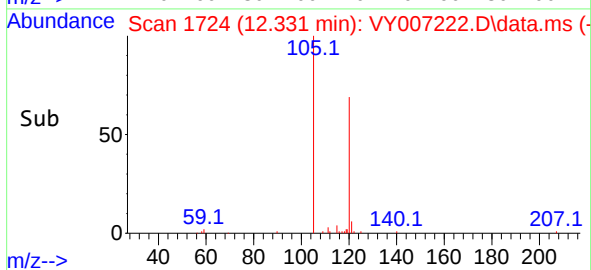
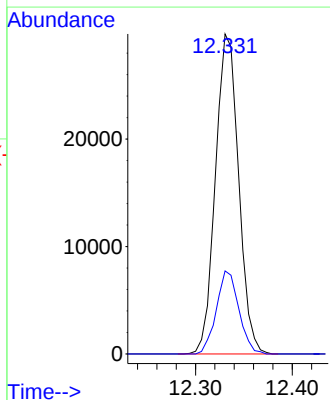
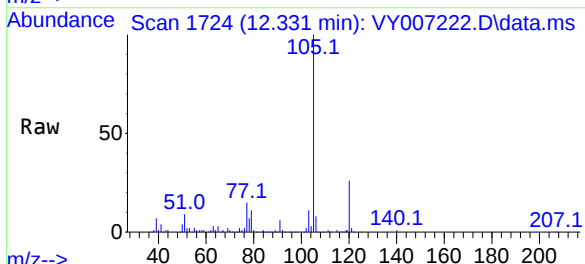
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

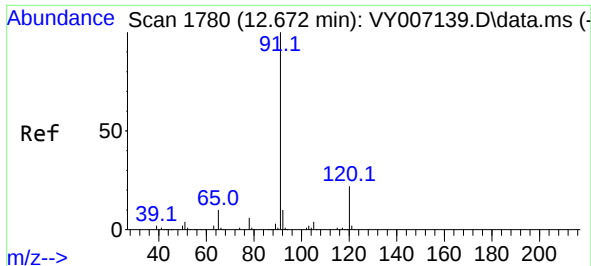
Tgt Ion:152 Resp: 78588
Ion Ratio Lower Upper
152 100
115 66.2 31.4 94.0
150 157.5 0.0 348.4



#73
Isopropylbenzene
Concen: 7.298 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion:105 Resp: 49538
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1

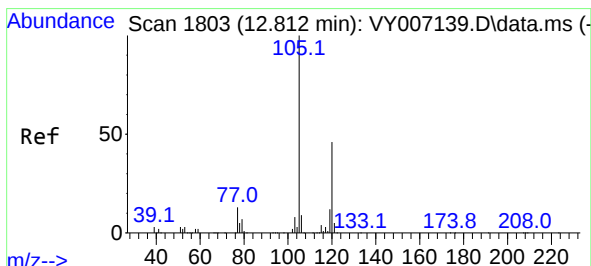
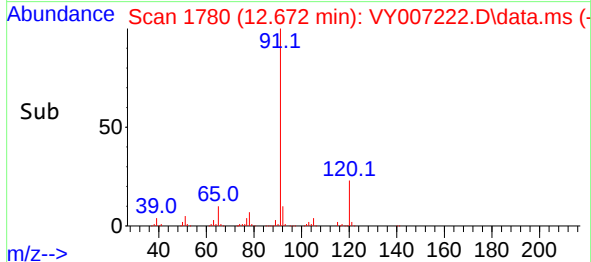
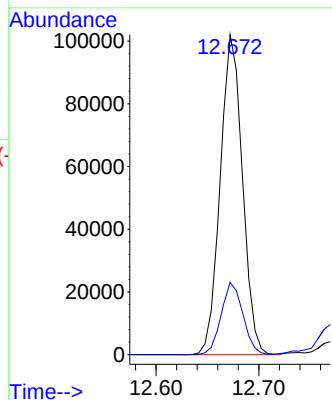
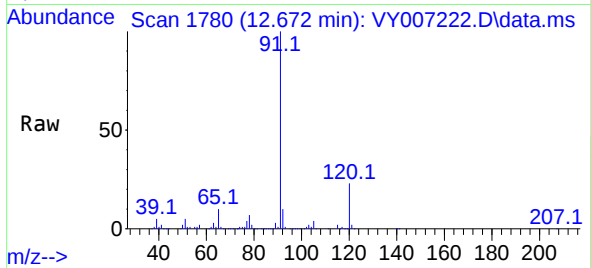




#78
n-propylbenzene
Concen: 18.187 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

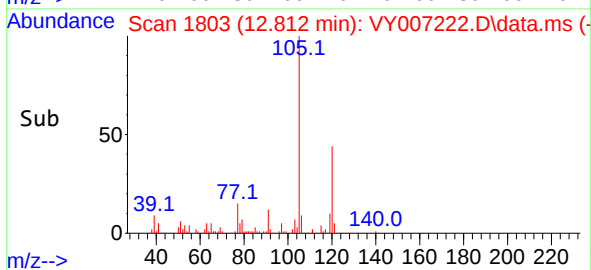
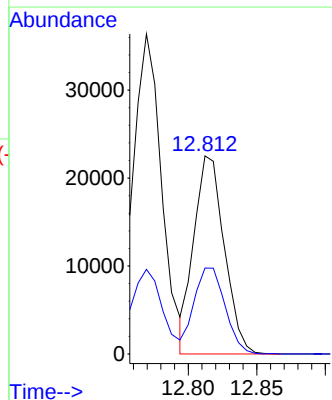
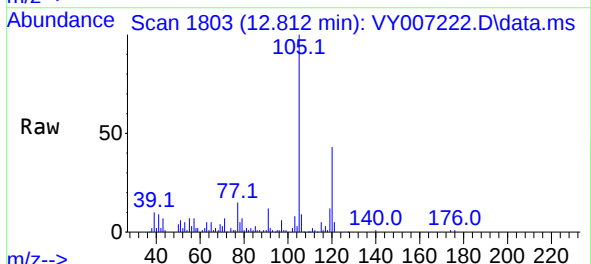
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

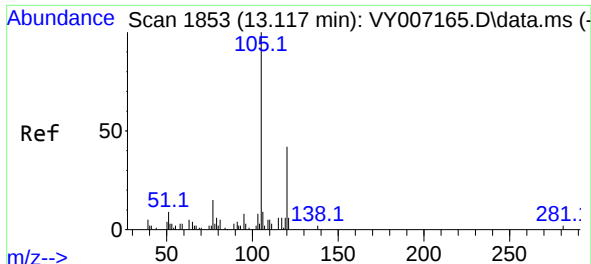
Tgt Ion: 91 Resp: 153030
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5



#80
1,3,5-Trimethylbenzene
Concen: 6.221 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 105 Resp: 34670
Ion Ratio Lower Upper
105 100
120 44.5 23.7 71.1

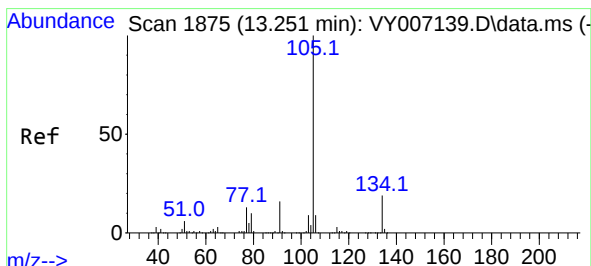
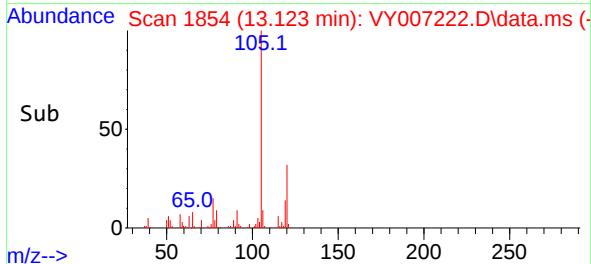
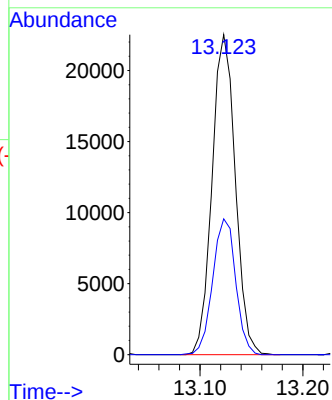
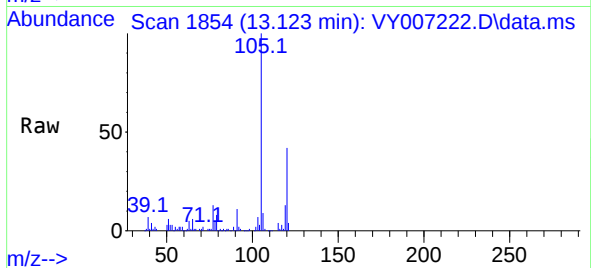




#84
1,2,4-Trimethylbenzene
Concen: 6.394 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

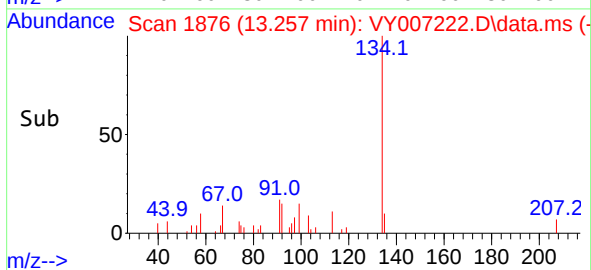
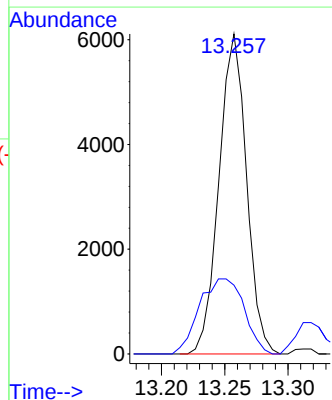
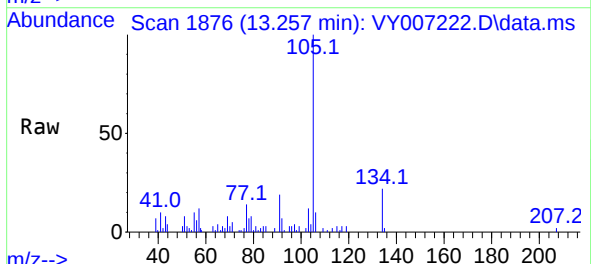
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

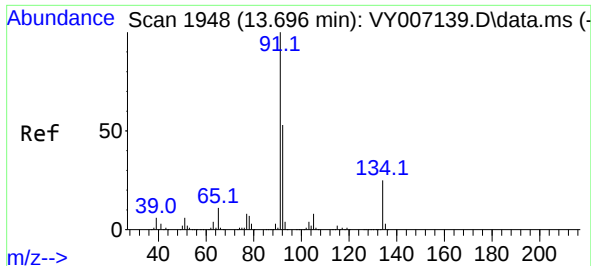
Tgt Ion:105 Resp: 35322
Ion Ratio Lower Upper
105 100
120 41.9 21.6 64.6



#85
sec-Butylbenzene
Concen: 1.283 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion:105 Resp: 9247
Ion Ratio Lower Upper
105 100
134 38.0 9.9 29.7#

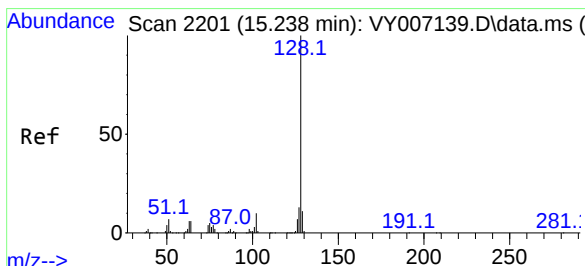
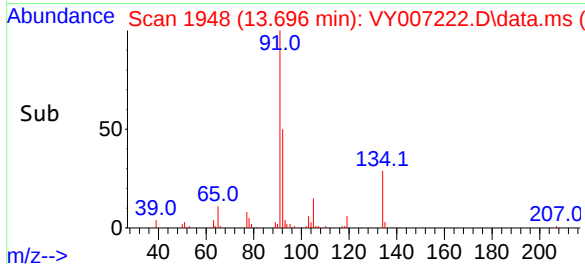
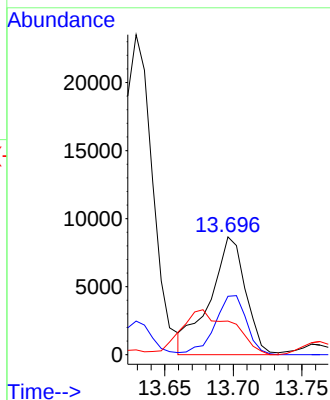
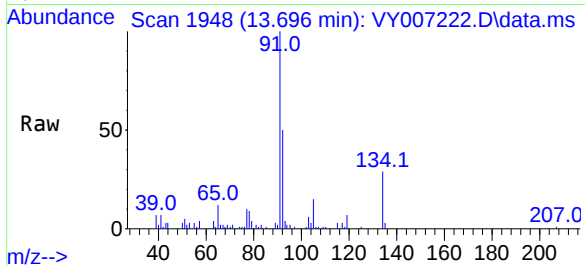




#89
n-Butylbenzene
Concen: 2.687 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

Tgt Ion: 91 Resp: 15665
Ion Ratio Lower Upper
91 100
92 44.4 26.9 80.6
134 0.0 12.6 37.6#



#95
Naphthalene
Concen: 65.944 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion:128 Resp: 219081
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.9 13.3

