

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007169.D
 Acq On : 14 Jan 2022 15:20
 Operator : SY/MD
 Sample : N1143-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Time: Jan 17 04:54:03 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)

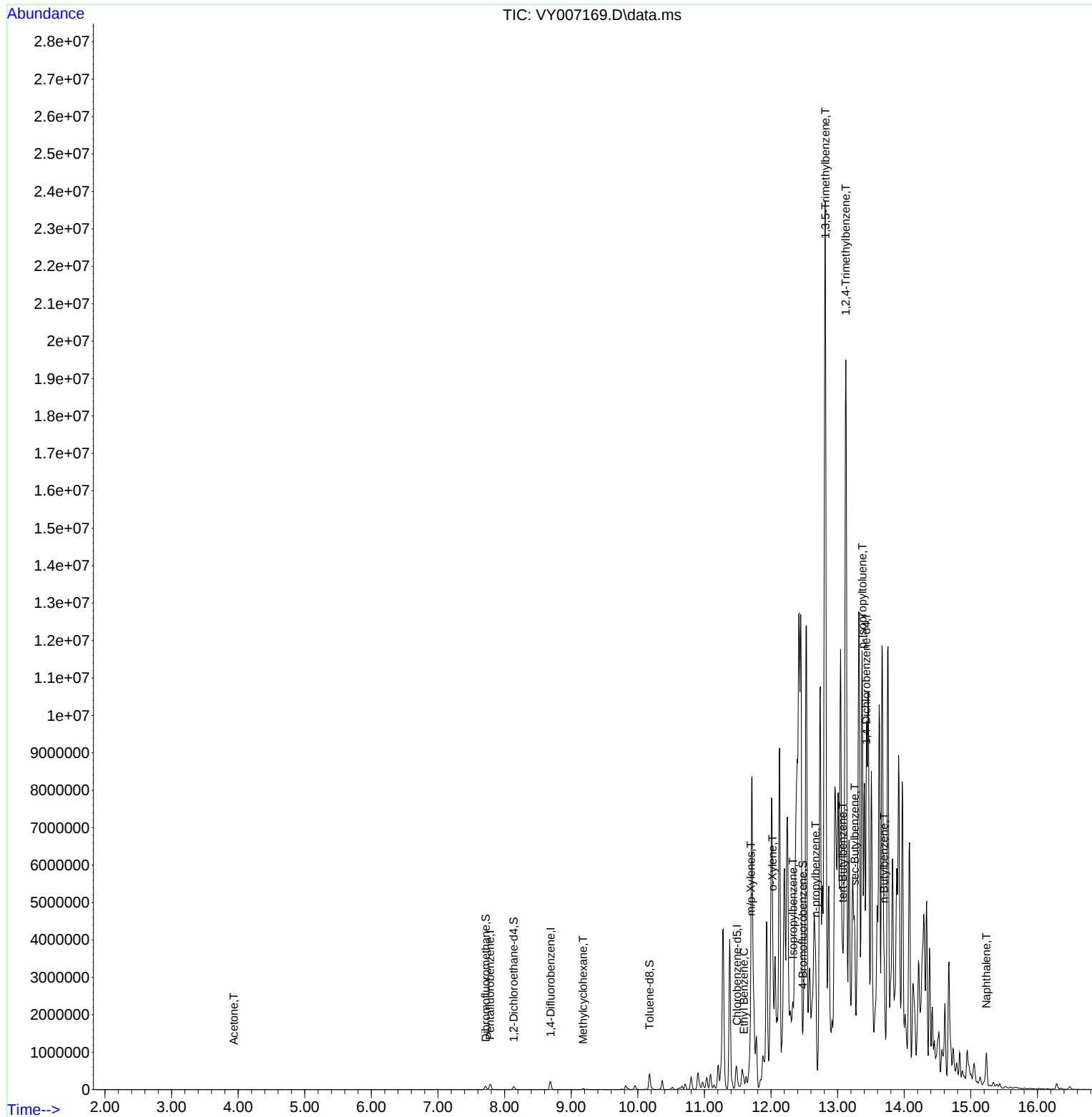
Internal Standards						
1) Pentafluorobenzene	7.783	168	102386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	186559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	166853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106944	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65216	51.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.820%	
35) Dibromofluoromethane	7.716	113	61062	48.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.800%	
50) Toluene-d8	10.179	98	228070	49.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	12.477	95	180966	110.370	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 220.740%#	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	9187	28.178	ug/l	99
39) Methylcyclohexane	9.179	83	9202	3.741	ug/l	97
67) Ethyl Benzene	11.593	91	145980	21.289	ug/l	100
68) m/p-Xylenes	11.697	106	274471	107.711	ug/l	99
69) o-Xylene	12.026	106	60004	25.005	ug/l	83
73) Isopropylbenzene	12.331	105	372925	40.374	ug/l	99
78) n-propylbenzene	12.672	91	1439868	125.748	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	4192223	552.760	ug/l	100
83) tert-Butylbenzene	13.074	119	615007	93.846	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	9947977	1323.298	ug/l	96
85) sec-Butylbenzene	13.257	105	1056688	107.781	ug/l	# 56
86) p-Isopropyltoluene	13.373	119	1296179	160.880	ug/l	98
89) n-Butylbenzene	13.696	91	1045558	131.799	ug/l	# 68
95) Naphthalene	15.233	128	643057	142.239	ug/l	99

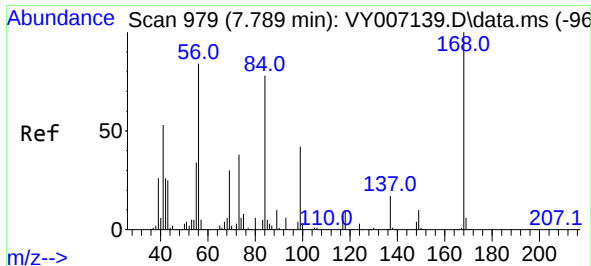
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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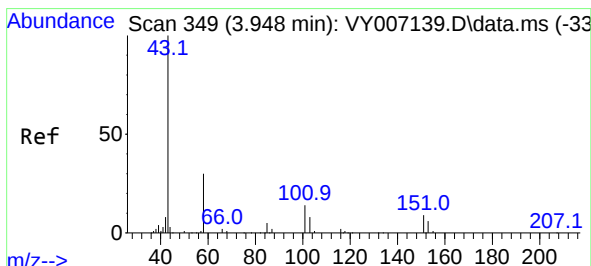
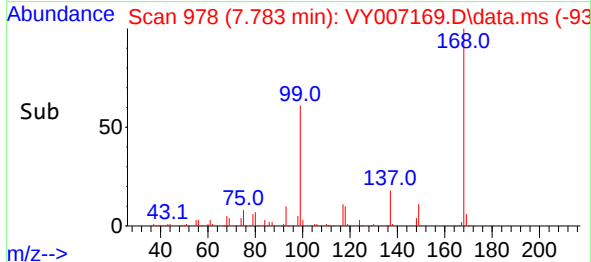
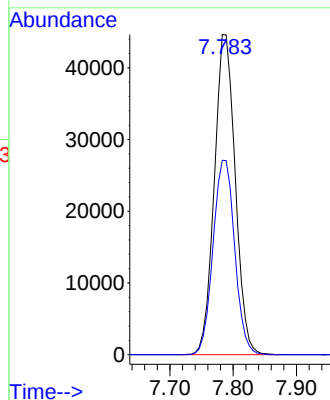
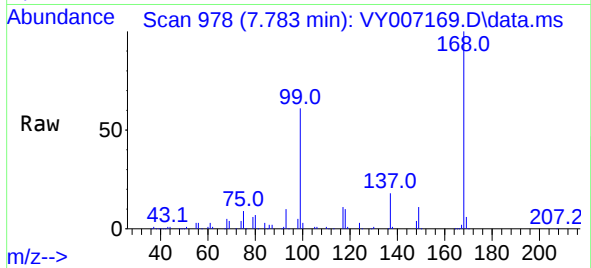




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

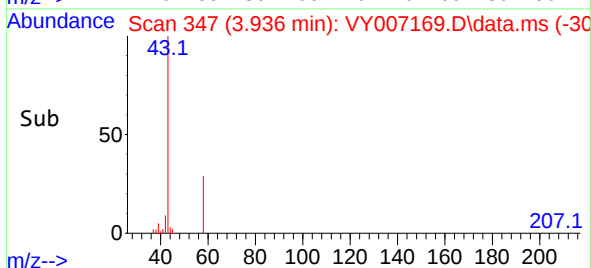
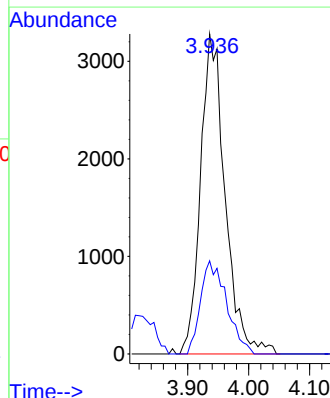
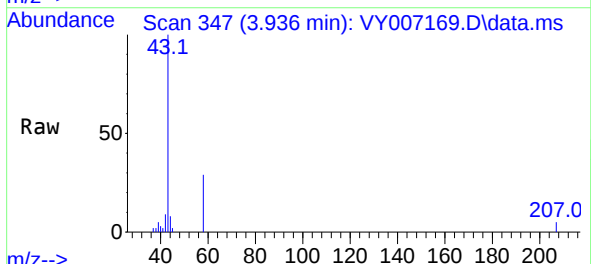
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

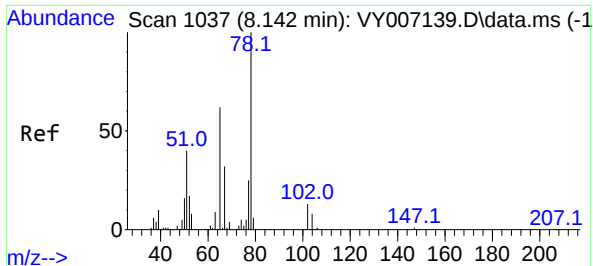
Tgt Ion:168 Resp: 102386
Ion Ratio Lower Upper
168 100
99 60.7 49.1 73.7



#16
Acetone
Concen: 28.178 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Tgt Ion: 43 Resp: 9187
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.6

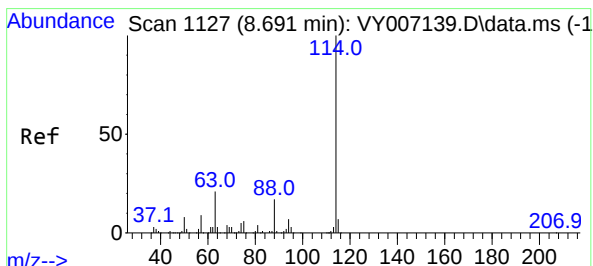
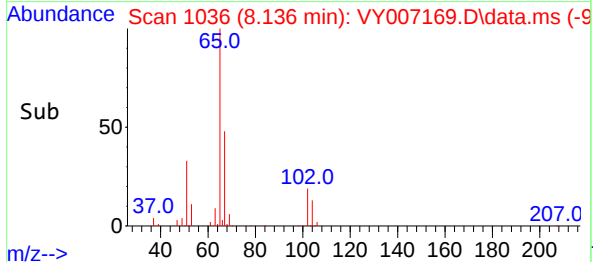
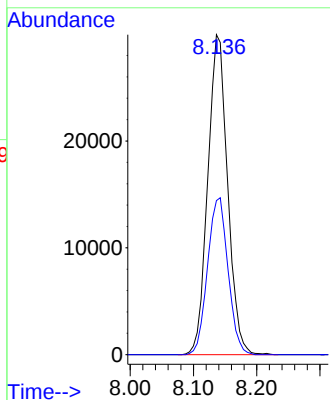
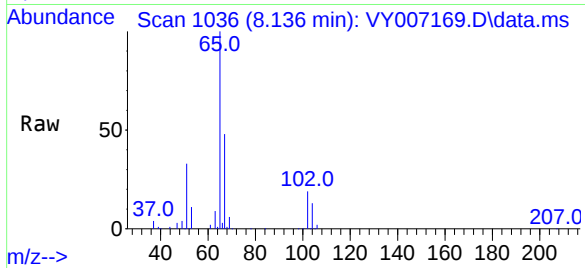




#33
 1,2-Dichloroethane-d4
 Concen: 51.912 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY007169.D
 Acq: 14 Jan 2022 15:20

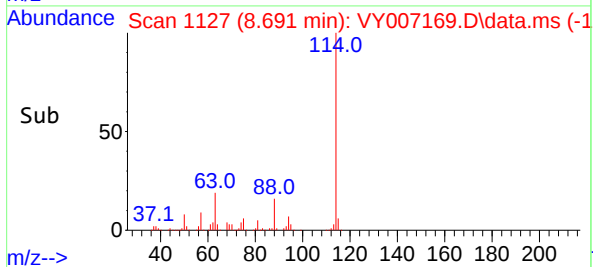
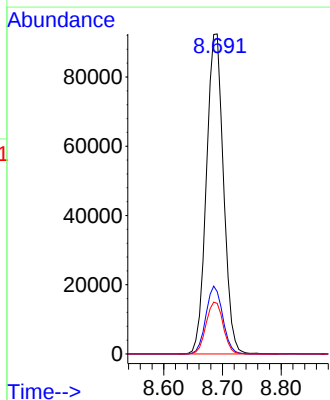
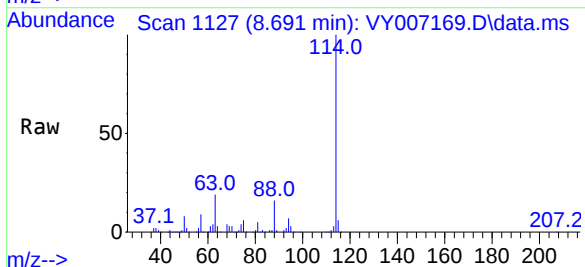
Instrument : MSVOA_Y
 ClientSampleId : WEST-BOILER-ROOM-WEST-SIDEWALL

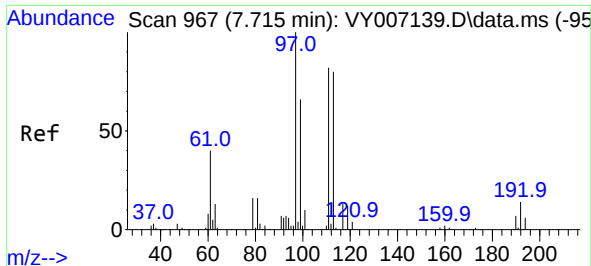
Tgt Ion: 65 Resp: 65216
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007169.D
 Acq: 14 Jan 2022 15:20

Tgt Ion: 114 Resp: 186559
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.8 0.0 31.0

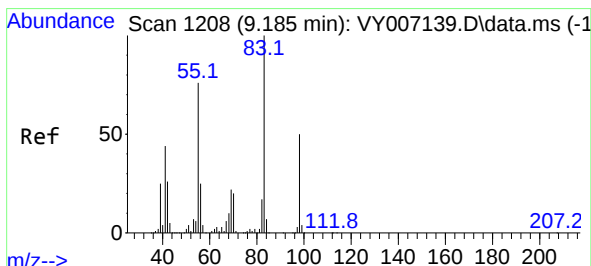
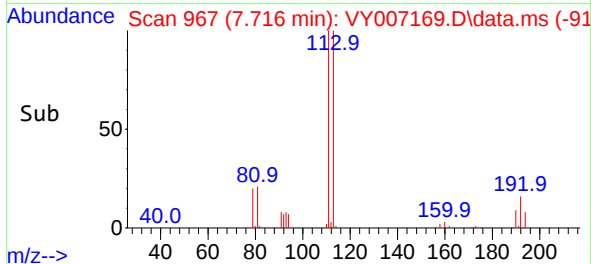
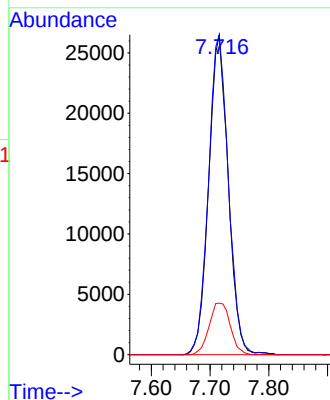
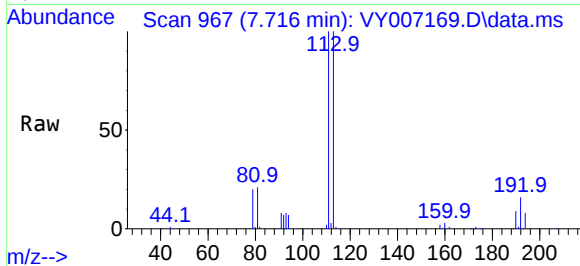




#35
Dibromofluoromethane
Concen: 48.405 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

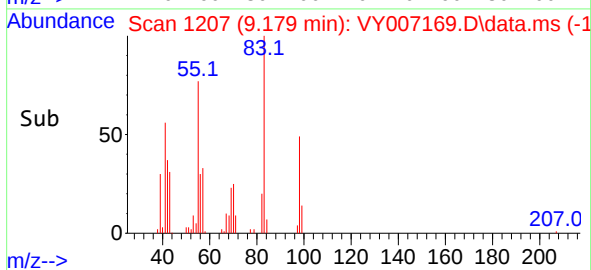
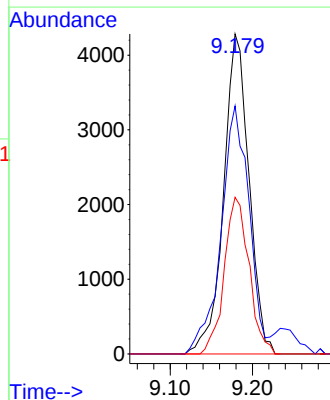
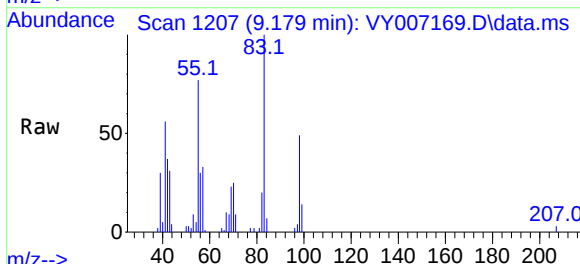
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

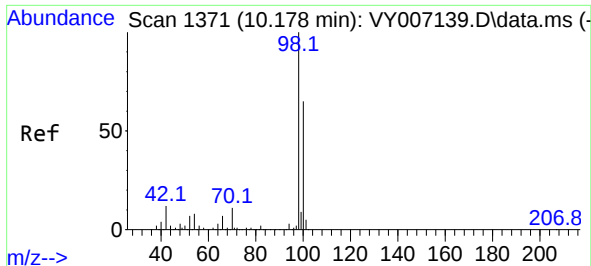
Tgt Ion:	113	Resp:	61062
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	17.5	14.2	21.4



#39
Methylcyclohexane
Concen: 3.741 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Tgt Ion:	83	Resp:	9202
Ion	Ratio	Lower	Upper
83	100		
55	77.5	58.8	88.2
98	48.9	38.7	58.1

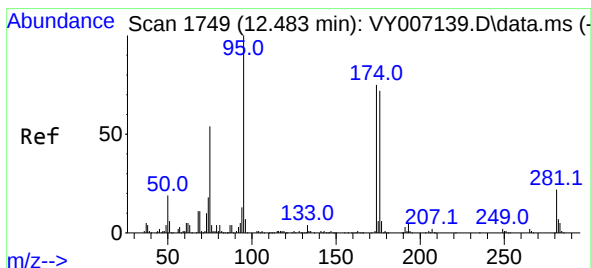
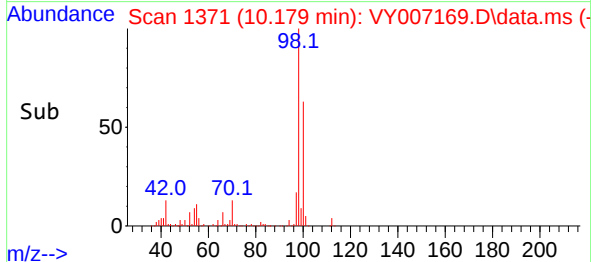
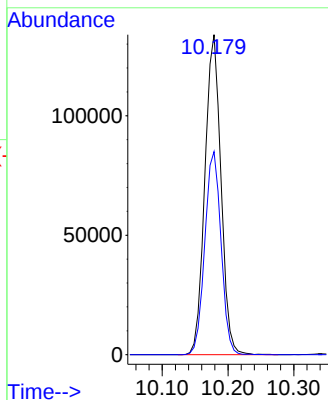
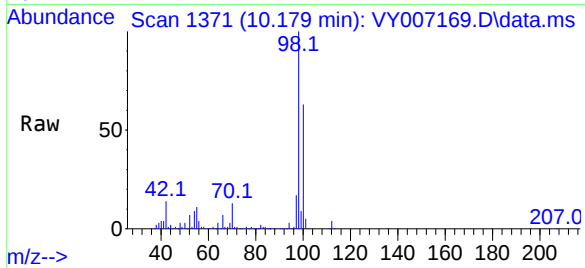




#50
Toluene-d8
Concen: 49.479 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

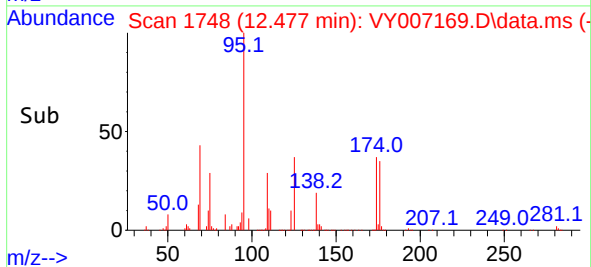
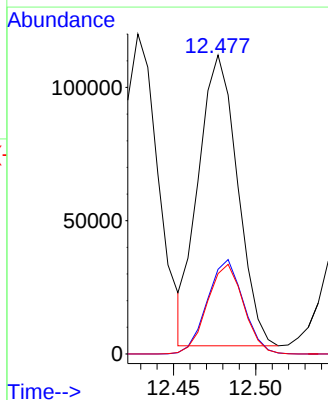
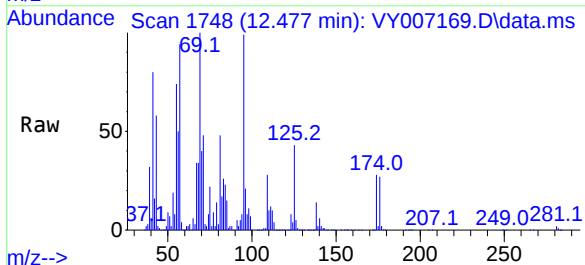
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

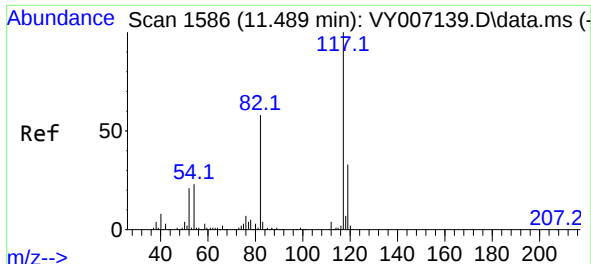
Tgt Ion: 98 Resp: 228070
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 110.370 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Tgt Ion: 95 Resp: 180966
Ion Ratio Lower Upper
95 100
174 29.9 0.0 148.4
176 28.5 0.0 146.6

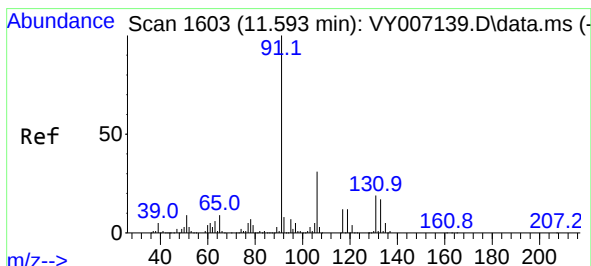
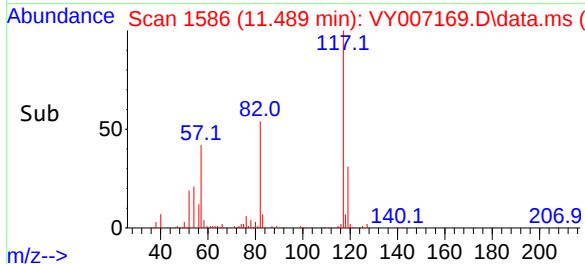
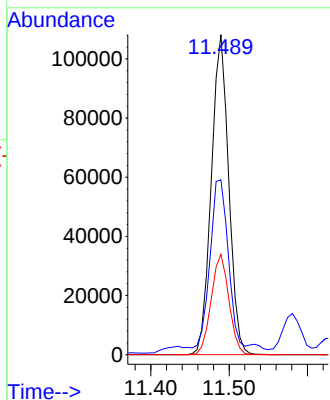
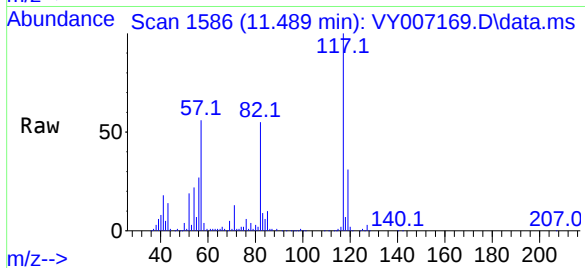




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

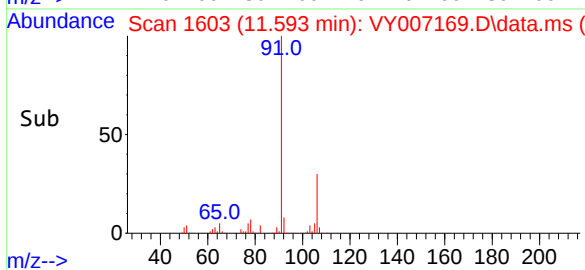
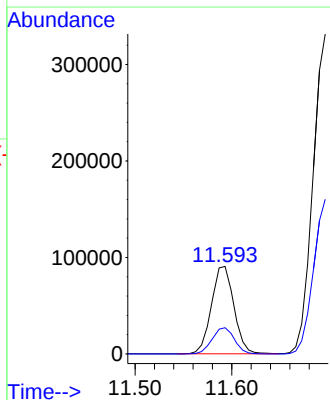
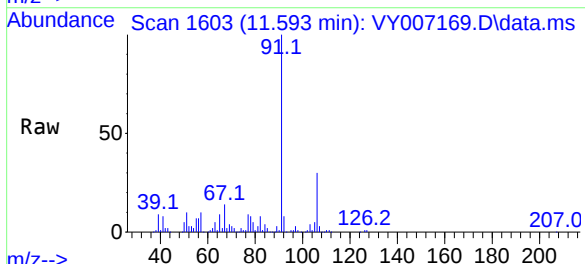
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

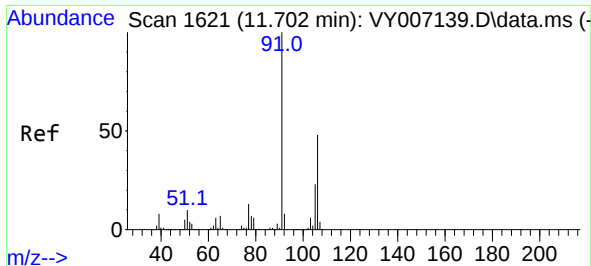
Tgt Ion:117 Resp: 166853
Ion Ratio Lower Upper
117 100
82 52.0 45.4 68.0
119 31.4 26.4 39.6



#67
Ethyl Benzene
Concen: 21.289 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Tgt Ion: 91 Resp: 145980
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

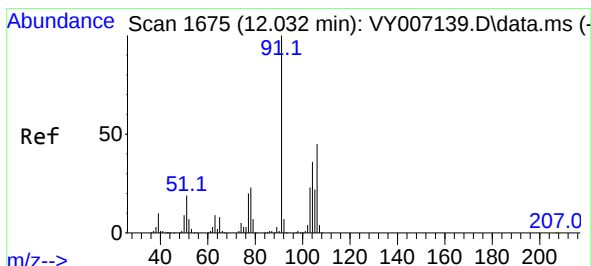
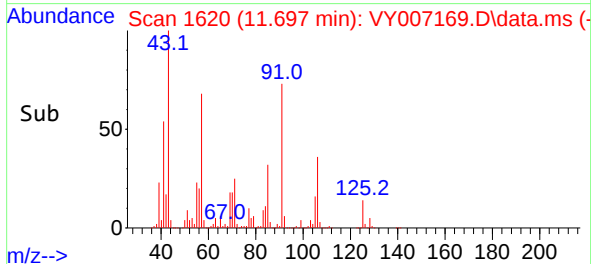
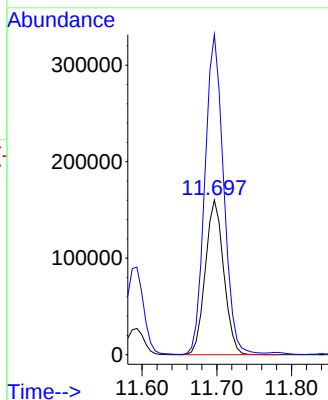
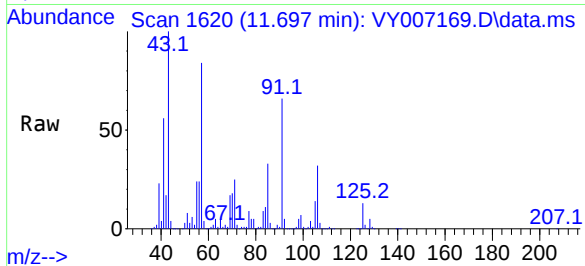




#68
m/p-Xylenes
Concen: 107.711 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

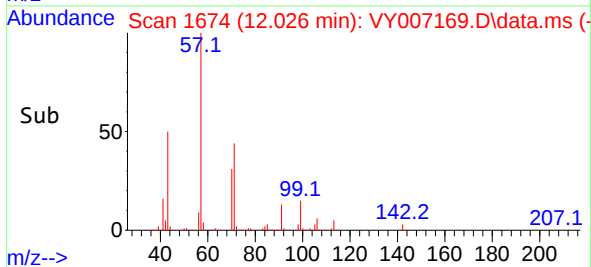
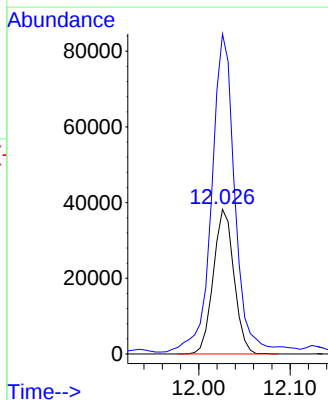
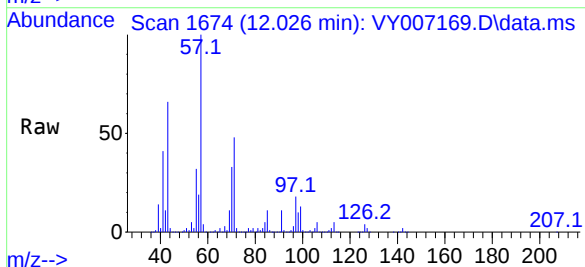
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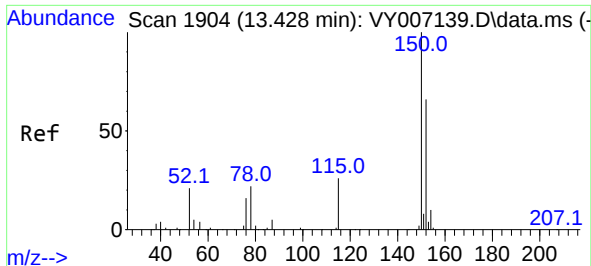
Tgt Ion:106 Resp: 274471
Ion Ratio Lower Upper
106 100
91 210.0 167.1 250.7



#69
o-Xylene
Concen: 25.005 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Tgt Ion:106 Resp: 60004
Ion Ratio Lower Upper
106 100
91 246.6 109.9 329.6

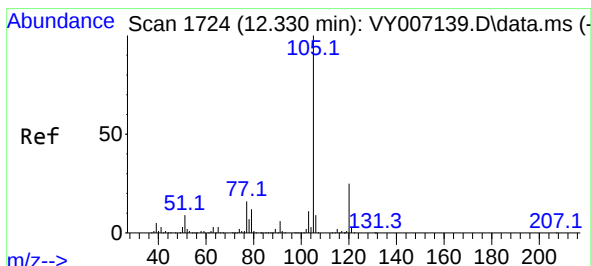
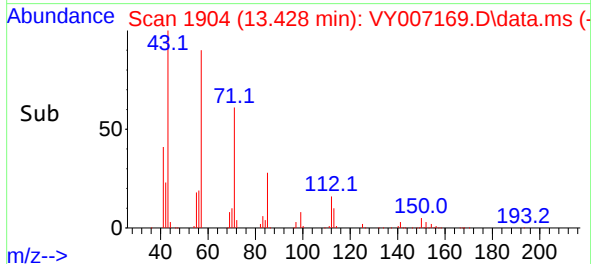
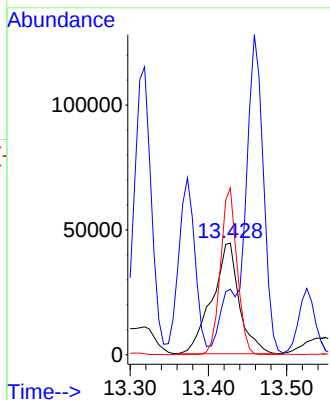
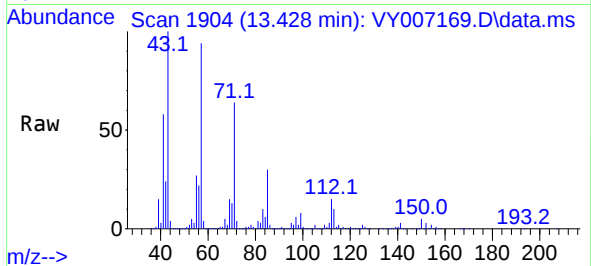




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

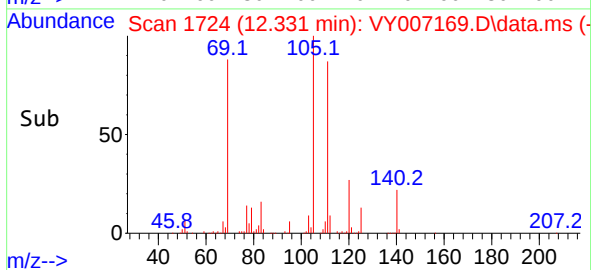
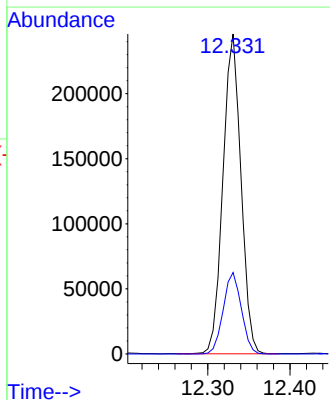
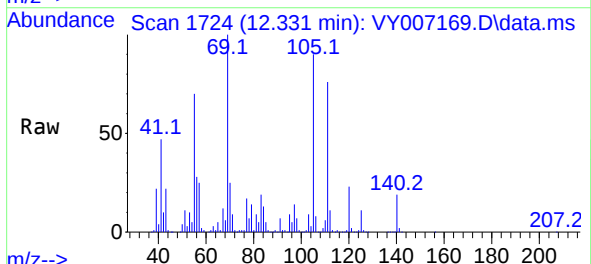
Instrument : MSVOA_Y
ClientSampleId : WEST-BOILER-ROOM-WEST-SIDEWALL

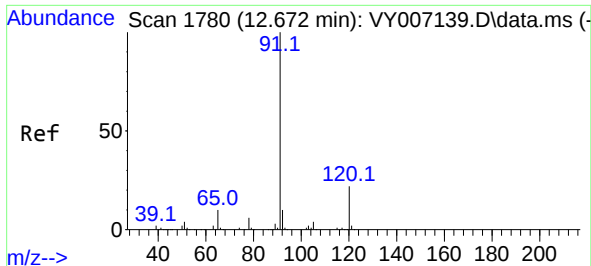
Tgt Ion:152 Resp: 106944
Ion Ratio Lower Upper
152 100
115 0.0 31.4 94.0#
150 92.0 0.0 348.4



#73
Isopropylbenzene
Concen: 40.374 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Tgt Ion:105 Resp: 372925
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

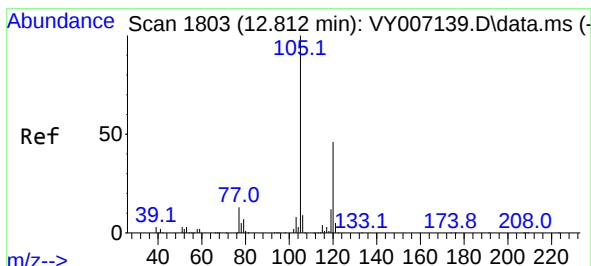
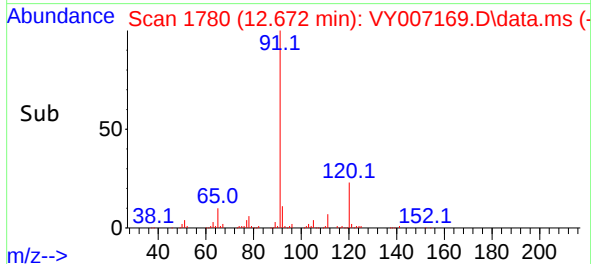
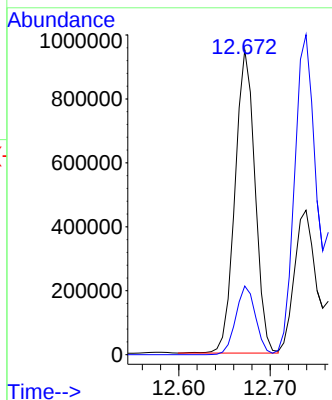
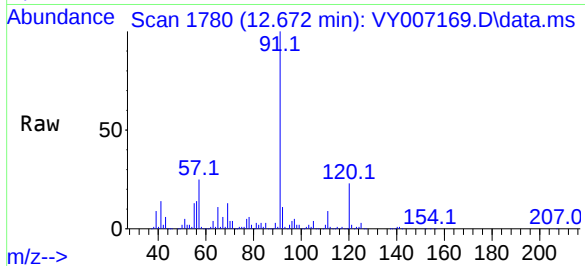




#78
n-propylbenzene
Concen: 125.748 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

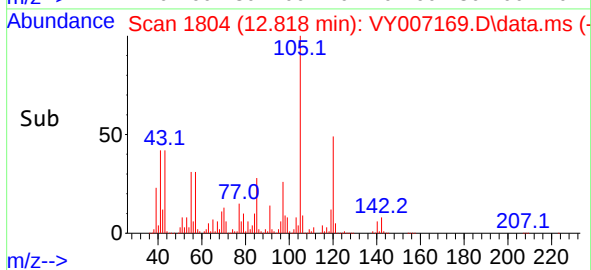
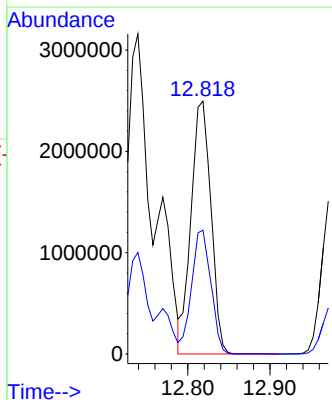
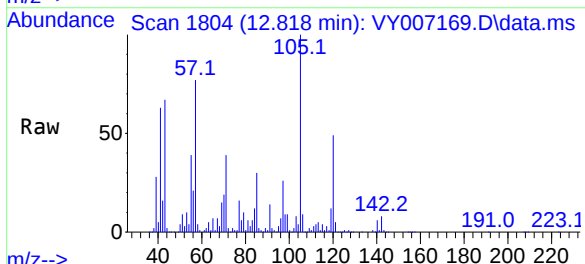
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

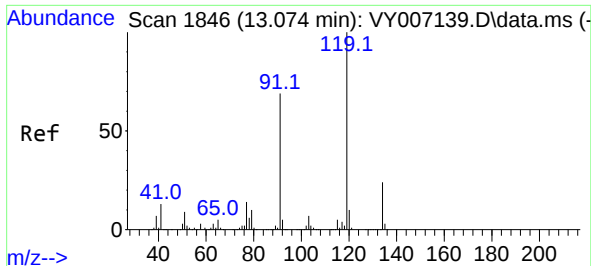
Tgt Ion: 91 Resp: 1439868
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5



#80
1,3,5-Trimethylbenzene
Concen: 552.760 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Tgt Ion:105 Resp: 4192223
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1

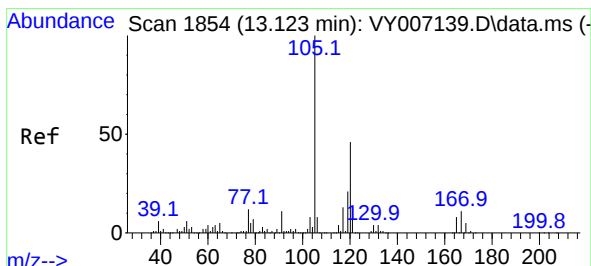
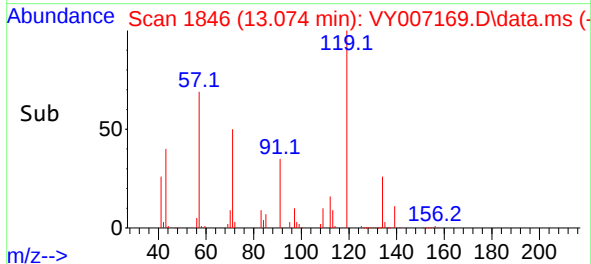
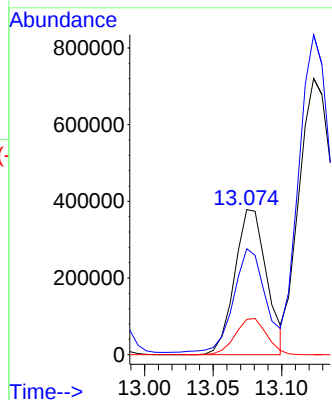
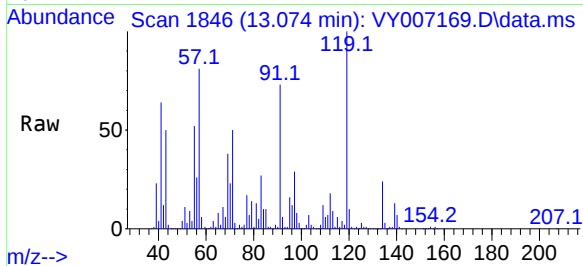




#83
tert-Butylbenzene
Concen: 93.846 ug/l
RT: 13.074 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

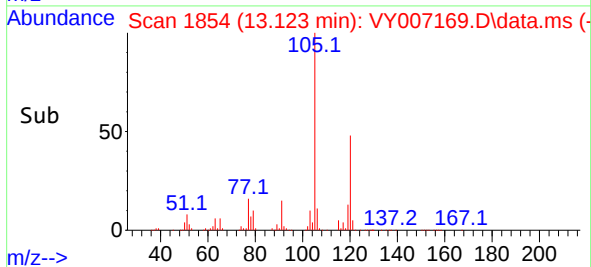
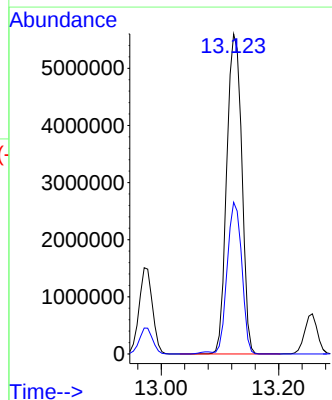
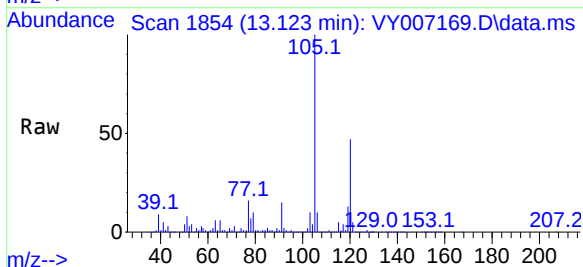
Instrument : MSVOA_Y
ClientSampleId : WEST-BOILER-ROOM-WEST-SIDEWALL

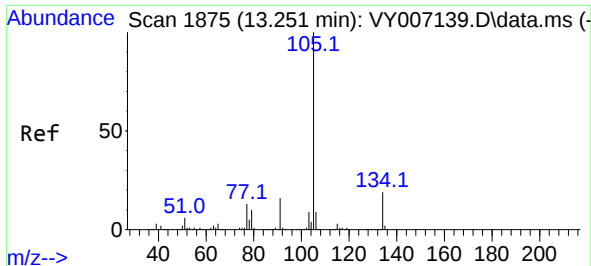
Tgt Ion:119 Resp: 615007
Ion Ratio Lower Upper
119 100
91 71.4 33.1 99.5
134 24.4 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 1323.298 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Tgt Ion:105 Resp: 9947977
Ion Ratio Lower Upper
105 100
120 45.9 21.6 64.6

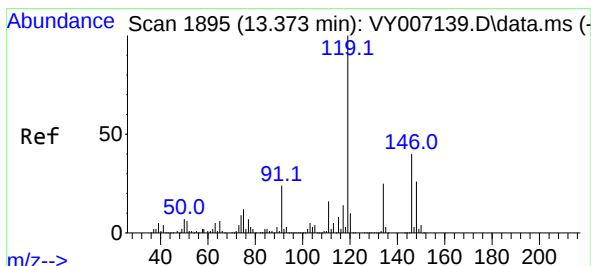
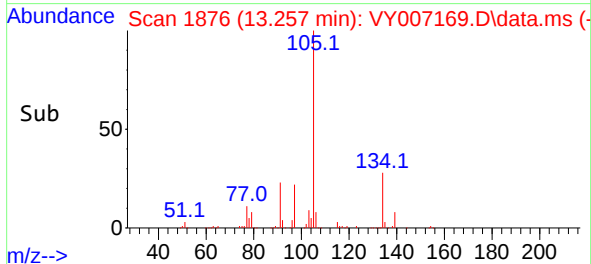
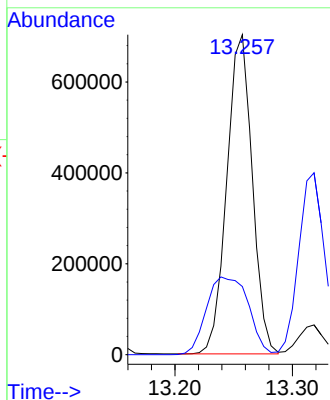
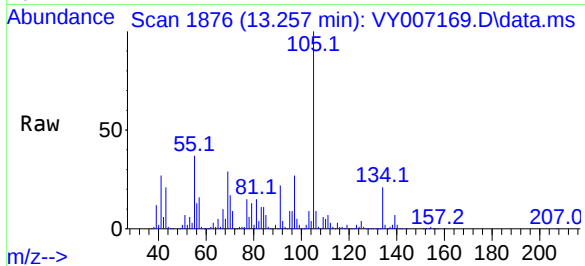




#85
 sec-Butylbenzene
 Concen: 107.781 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY007169.D
 Acq: 14 Jan 2022 15:20

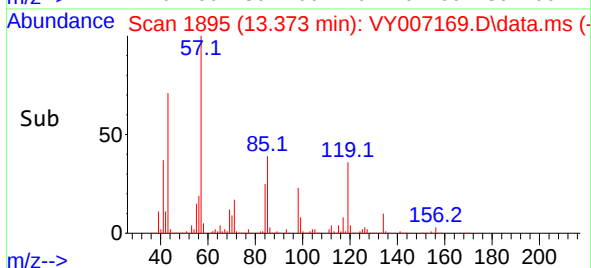
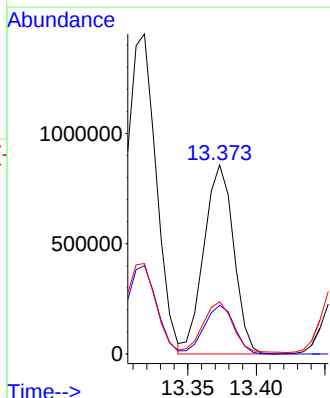
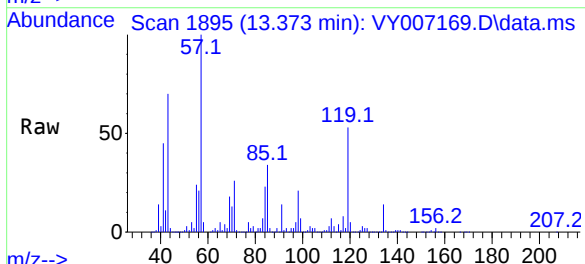
Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-BOILER-ROOM-WEST-SIDEWALL

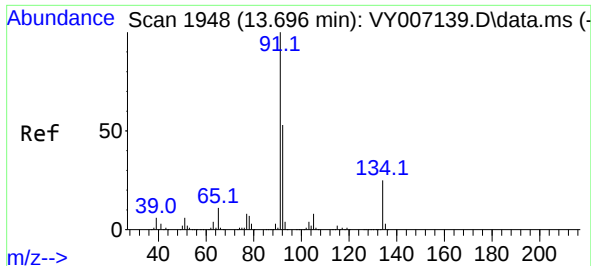
Tgt Ion:105 Resp: 1056688
 Ion Ratio Lower Upper
 105 100
 134 40.0 9.9 29.7#



#86
 p-Isopropyltoluene
 Concen: 160.880 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007169.D
 Acq: 14 Jan 2022 15:20

Tgt Ion:119 Resp: 1296179
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 26.5 12.4 37.2

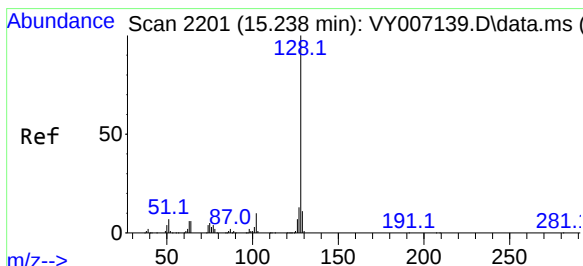
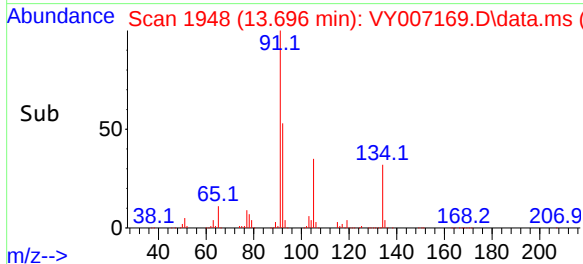
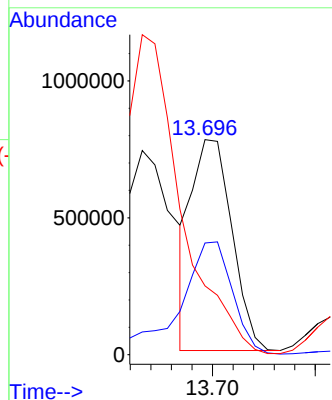
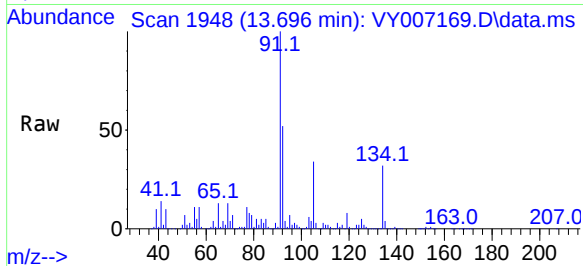




#89
n-Butylbenzene
Concen: 131.799 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Instrument : MSVOA_Y
ClientSampleId : WEST-BOILER-ROOM-WEST-SIDEWALL

Tgt Ion: 91 Resp: 1045558
Ion Ratio Lower Upper
91 100
92 70.5 26.9 80.6
134 0.0 12.6 37.6#



#95
Naphthalene
Concen: 142.239 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY007169.D
Acq: 14 Jan 2022 15:20

Tgt Ion:128 Resp: 643057
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.9 13.3

