

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007174.D
 Acq On : 14 Jan 2022 18:17
 Operator : SY/MD
 Sample : N1124-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-CLASS-BOILER-PIT

Quant Time: Jan 17 04:59:50 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)

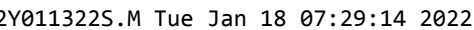
Internal Standards						
1) Pentafluorobenzene	7.783	168	114948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	194950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92662	50.000	ug/l	# 0.00

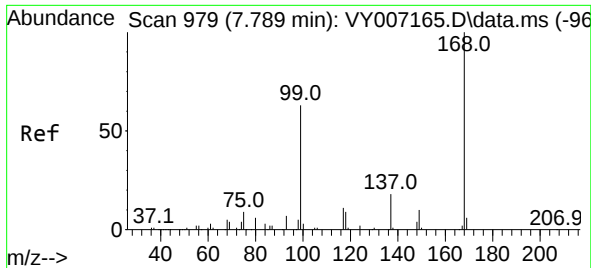
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70660	50.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.200%
35) Dibromofluoromethane	7.710	113	68727	48.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.340%
50) Toluene-d8	10.179	98	257977	49.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.477	95	126692	68.320	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	136.640%

Target Compounds						Qvalue
16) Acetone	3.942	43	25103	68.580	ug/l	99
25) 2-Butanone	6.984	43	8341	17.625	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	4057	2.536	ug/l	98
39) Methylcyclohexane	9.179	83	5890	2.117	ug/l	98
52) Toluene	10.246	92	5815	1.509	ug/l	98
67) Ethyl Benzene	11.593	91	94498	11.795	ug/l	100
68) m/p-Xylenes	11.697	106	199103	66.873	ug/l	99
69) o-Xylene	12.026	106	161859	57.729	ug/l	97
73) Isopropylbenzene	12.331	105	169844	21.222	ug/l	99
78) n-propylbenzene	12.672	91	622488	62.743	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	2284216	347.604	ug/l	100
83) tert-Butylbenzene	13.075	119	80326	14.146	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	6443623	989.254	ug/l	96
85) sec-Butylbenzene	13.257	105	437478	51.500	ug/l	# 66
86) p-Isopropyltoluene	13.373	119	610485	87.451	ug/l	99
89) n-Butylbenzene	13.696	91	404159	58.799	ug/l	# 68
95) Naphthalene	15.239	128	1261557	322.056	ug/l	99

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

Quant Time: Jan 17 04:59:50 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

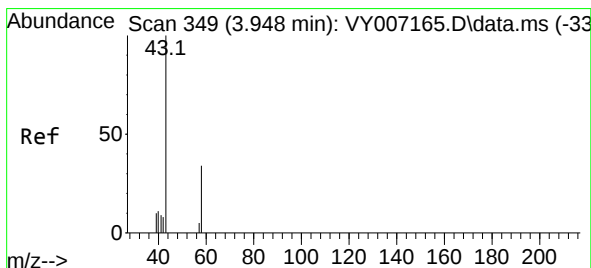
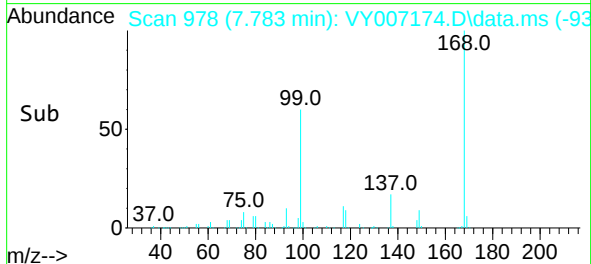
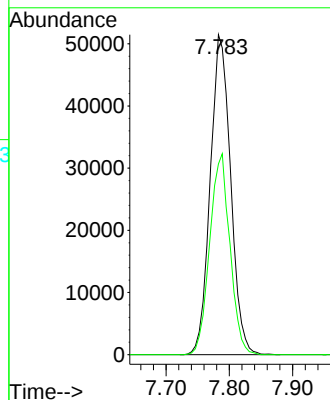
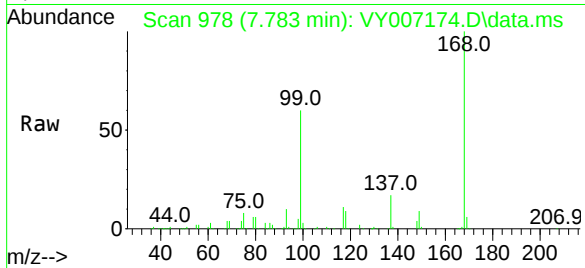




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

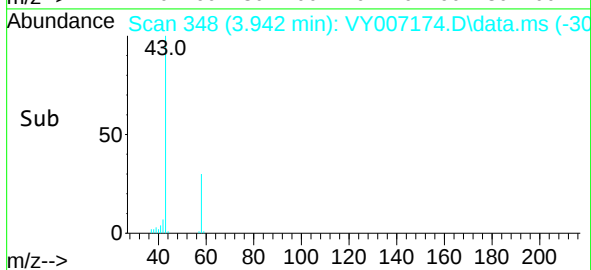
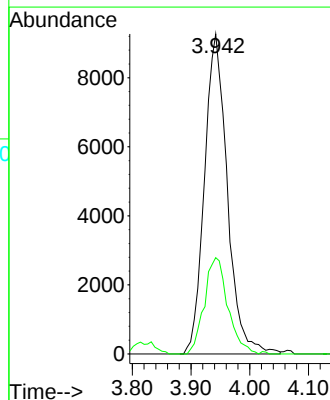
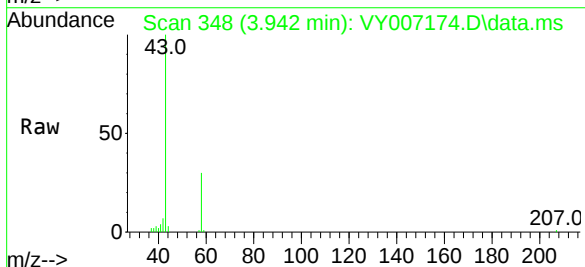
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

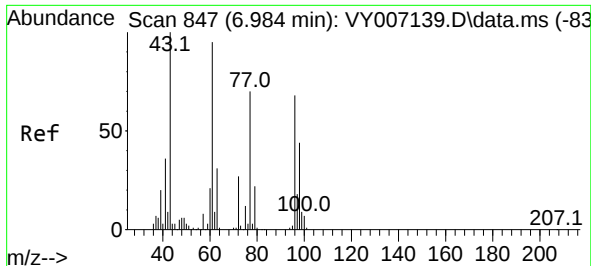
Tgt Ion:168 Resp: 114948
Ion Ratio Lower Upper
168 100
99 59.6 49.1 73.7



#16
Acetone
Concen: 68.580 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion: 43 Resp: 25103
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6





#25

2-Butanone

Concen: 17.625 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY007174.D

Acq: 14 Jan 2022 18:17

Instrument :

MSVOA_Y

ClientSampleId :

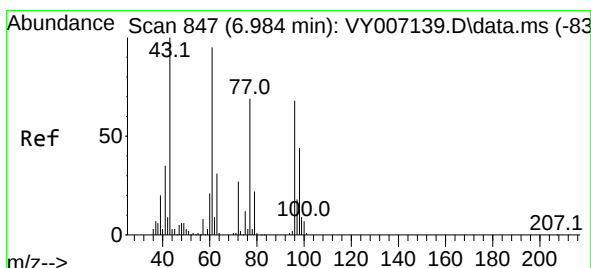
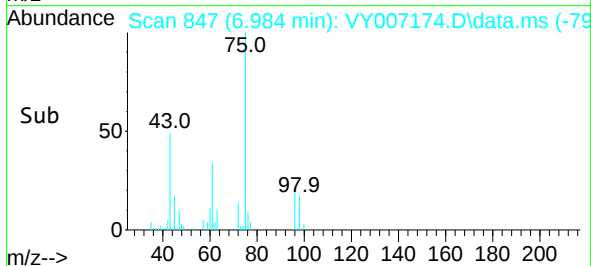
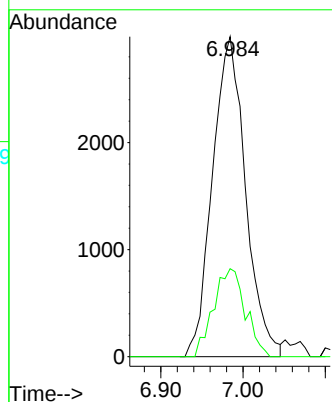
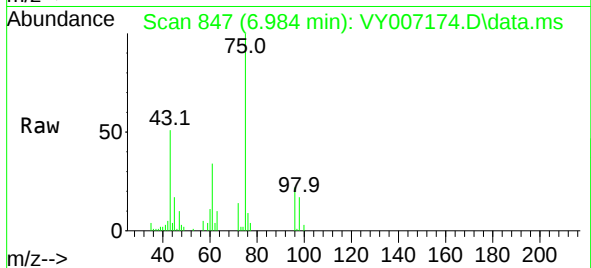
WASTE-CLASS-BOILER-PIT

Tgt Ion: 43 Resp: 8341

Ion Ratio Lower Upper

43 100

72 27.5 21.9 32.9



#27

cis-1,2-Dichloroethene

Concen: 2.536 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY007174.D

Acq: 14 Jan 2022 18:17

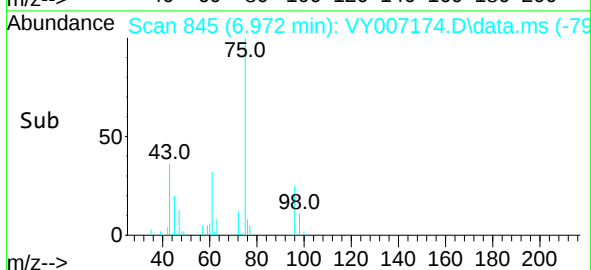
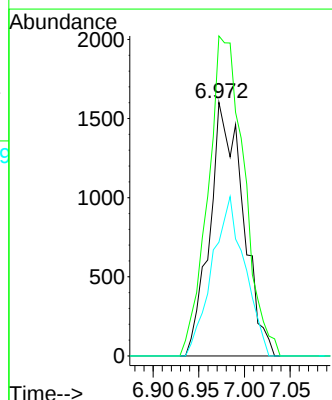
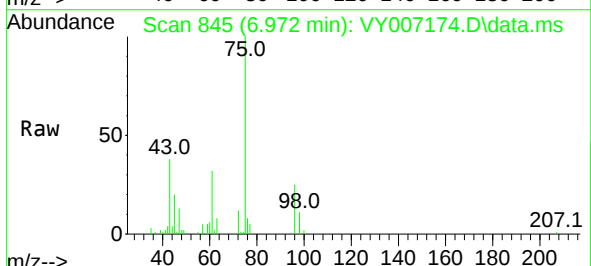
Tgt Ion: 96 Resp: 4057

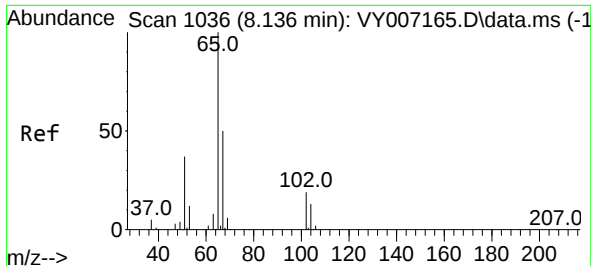
Ion Ratio Lower Upper

96 100

61 136.9 0.0 276.8

98 61.8 0.0 127.8

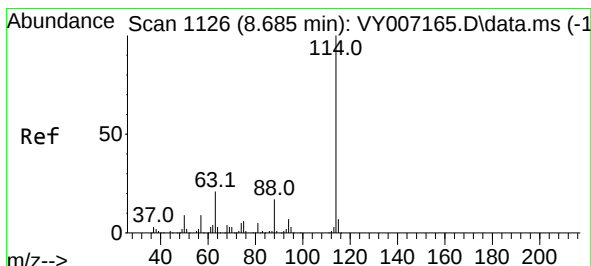
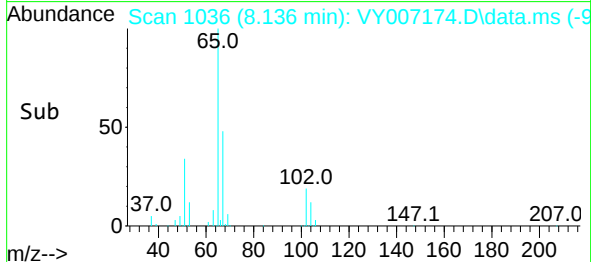
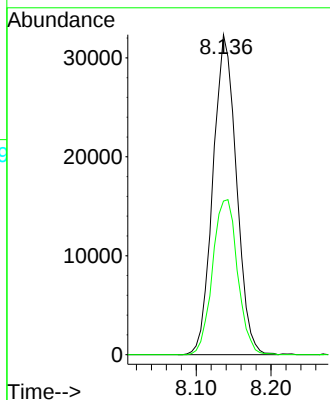
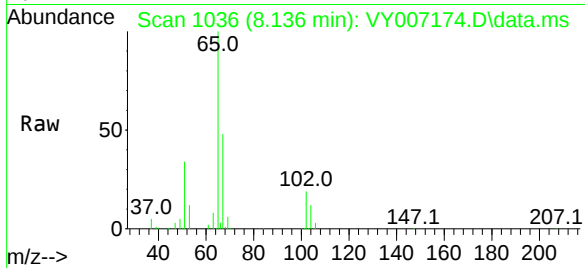




#33
1,2-Dichloroethane-d4
Concen: 50.098 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

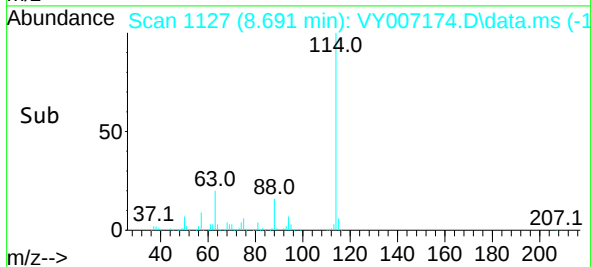
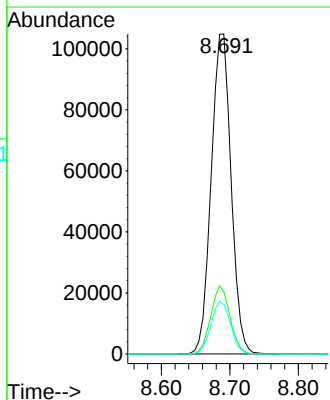
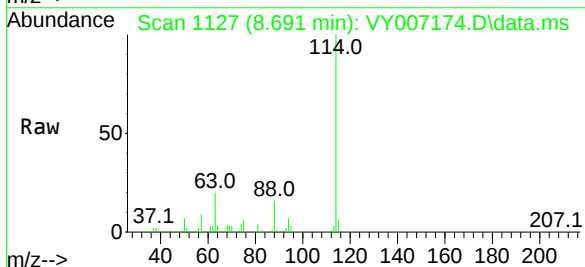
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

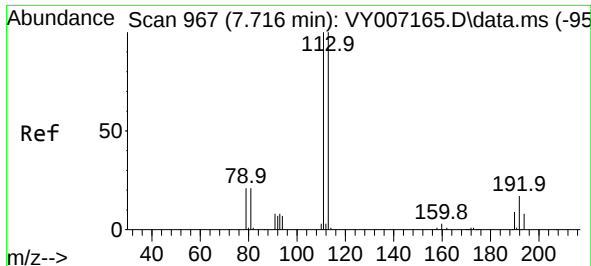
Tgt Ion: 65 Resp: 70660
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion: 114 Resp: 210995
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.2
88 15.5 0.0 31.0

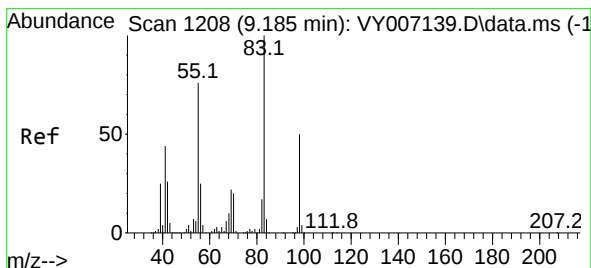
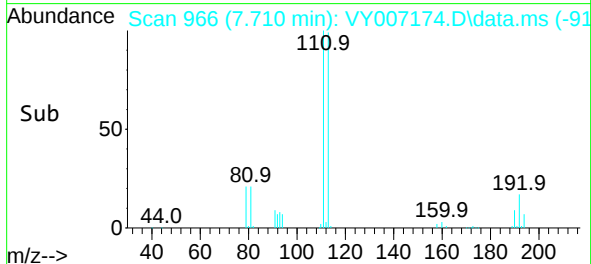
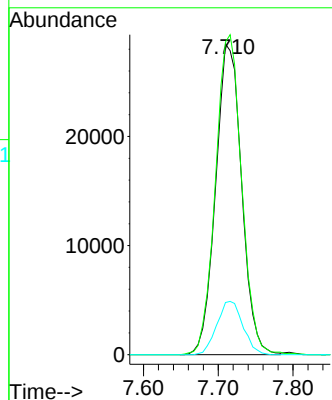
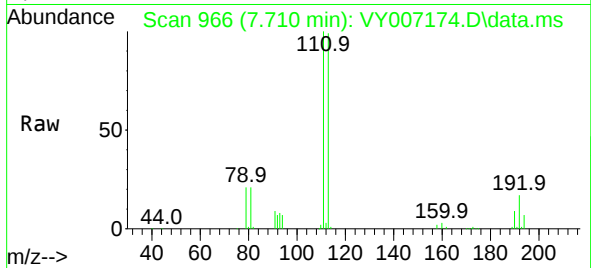




#35
Dibromofluoromethane
Concen: 48.171 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

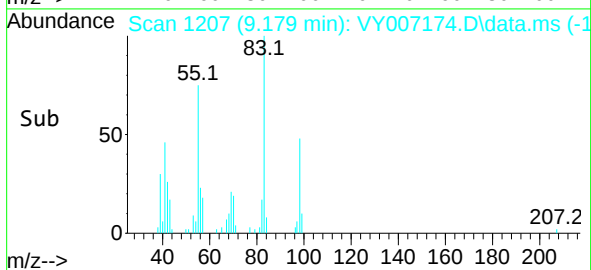
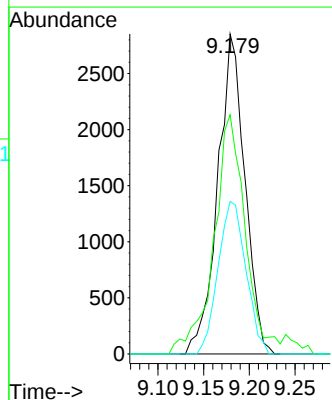
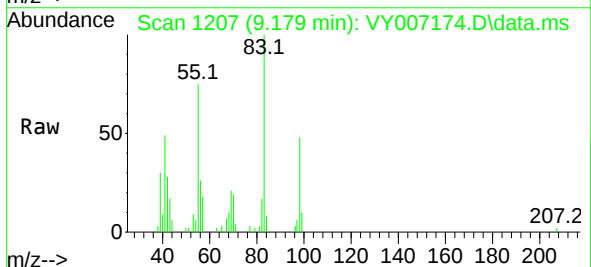
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

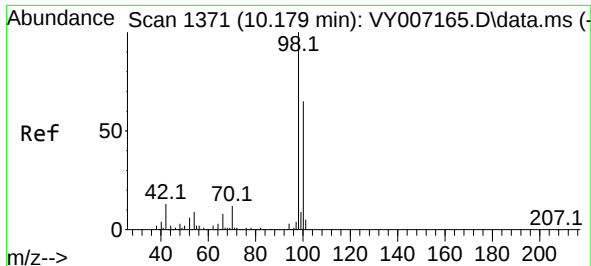
Tgt Ion:113 Resp: 68727
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.2 14.2 21.4



#39
Methylcyclohexane
Concen: 2.117 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion: 83 Resp: 5890
Ion Ratio Lower Upper
83 100
55 71.6 58.8 88.2
98 47.6 38.7 58.1

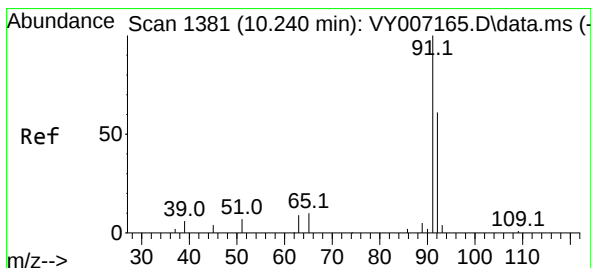
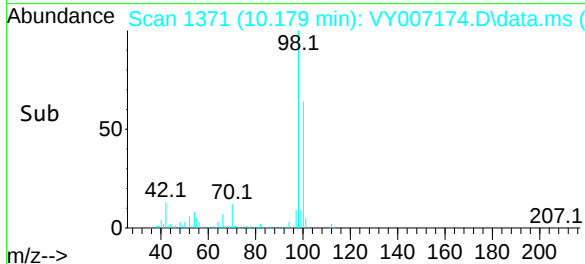
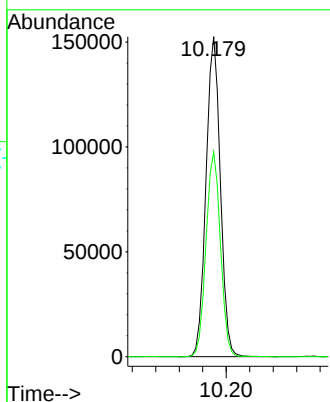
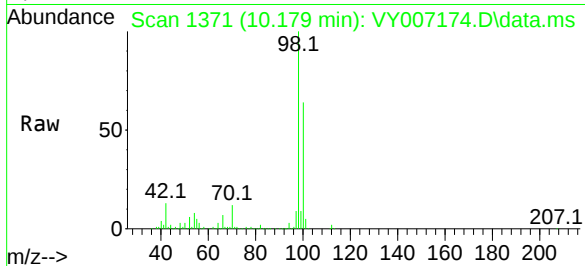




#50
Toluene-d8
Concen: 49.486 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

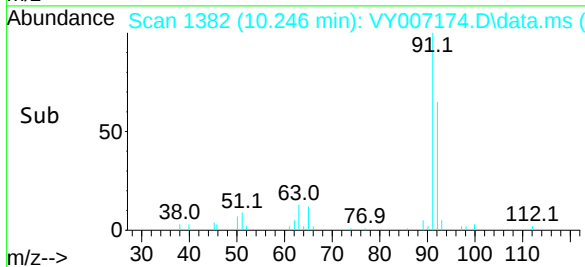
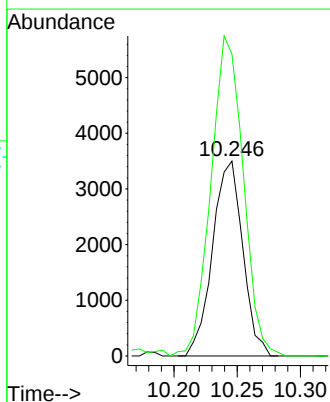
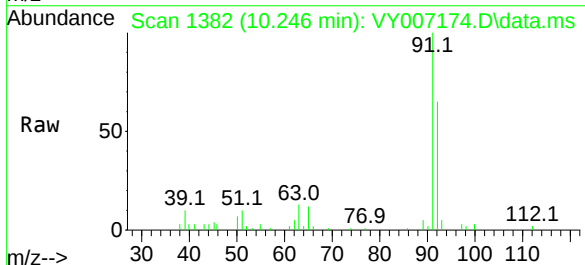
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

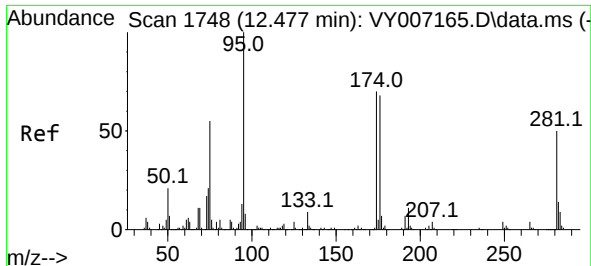
Tgt Ion: 98 Resp: 257977
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#52
Toluene
Concen: 1.509 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion: 92 Resp: 5815
Ion Ratio Lower Upper
92 100
91 175.4 138.6 207.8

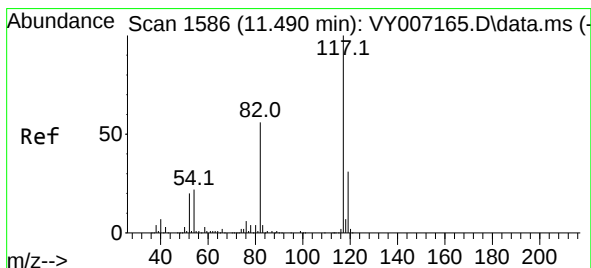
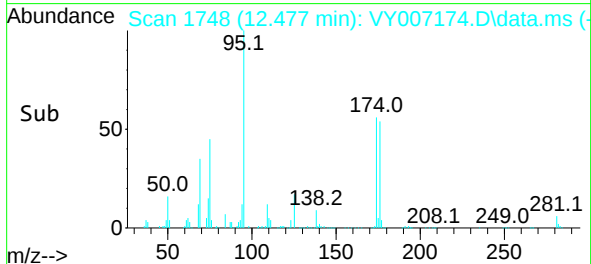
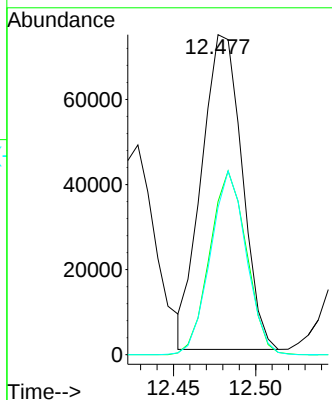
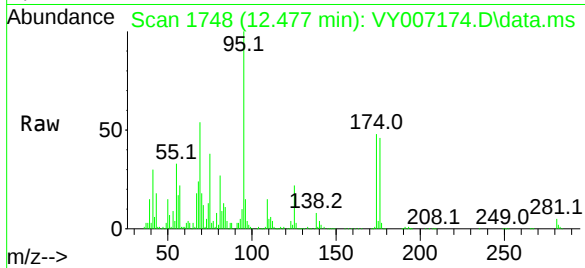




#62
4-Bromofluorobenzene
Concen: 68.320 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

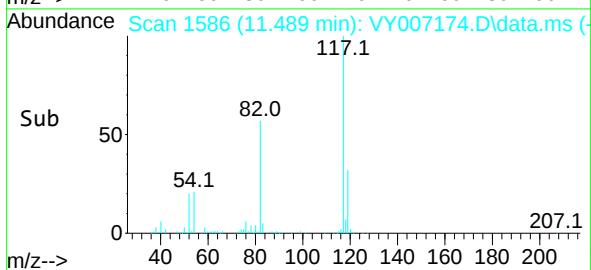
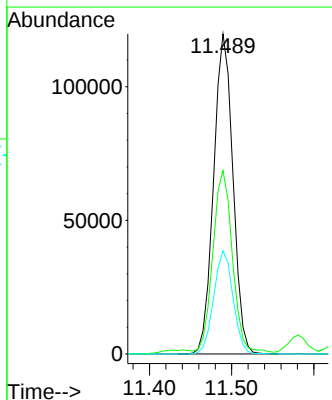
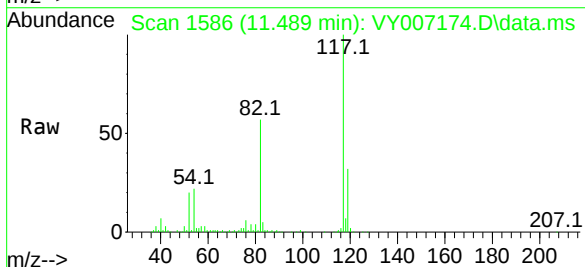
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

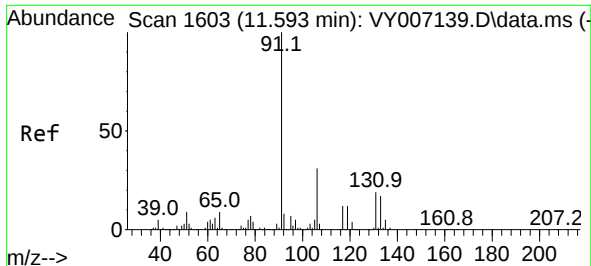
Tgt Ion: 95 Resp: 126692
Ion Ratio Lower Upper
95 100
174 52.9 0.0 148.4
176 51.7 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion: 117 Resp: 194950
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.2 26.4 39.6

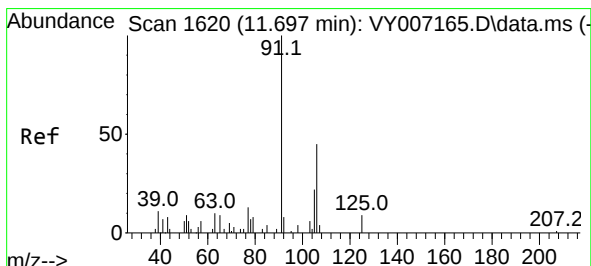
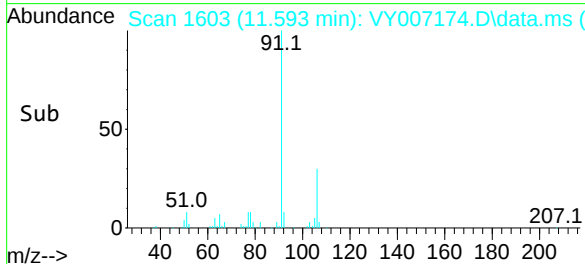
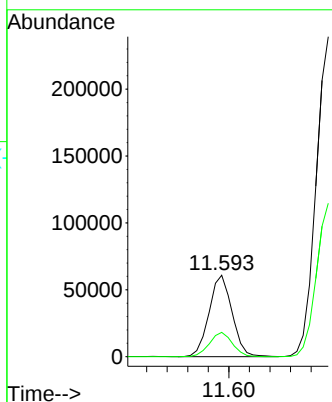
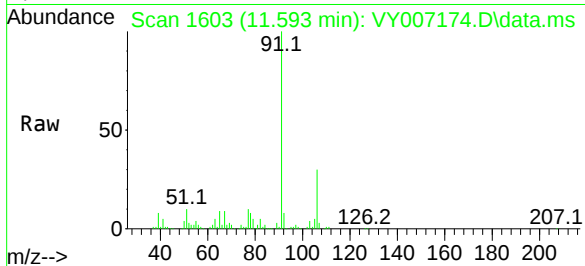




#67
Ethyl Benzene
Concen: 11.795 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

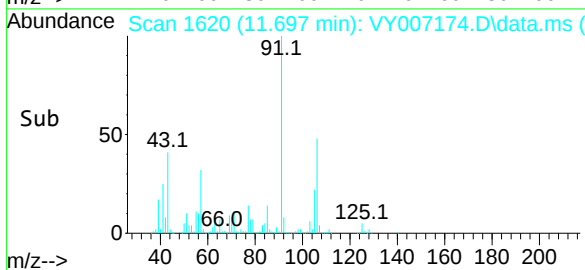
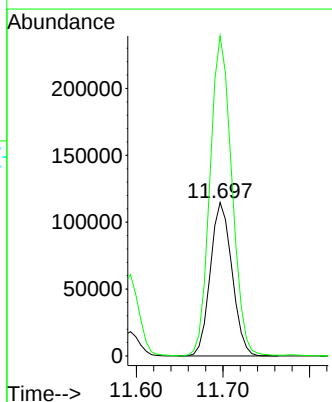
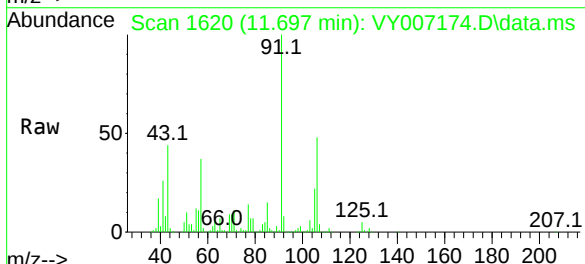
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

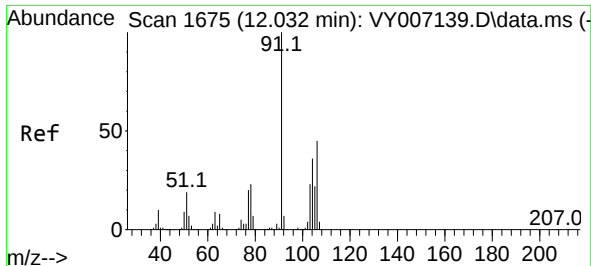
Tgt Ion: 91 Resp: 94498
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#68
m/p-Xylenes
Concen: 66.873 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion: 106 Resp: 199103
Ion Ratio Lower Upper
106 100
91 210.7 167.1 250.7

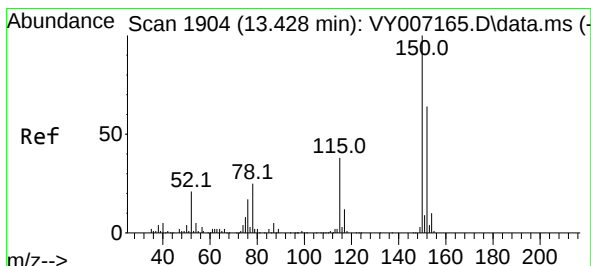
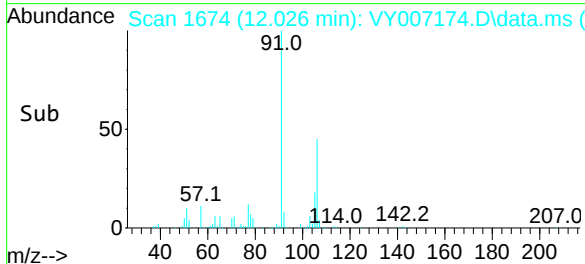
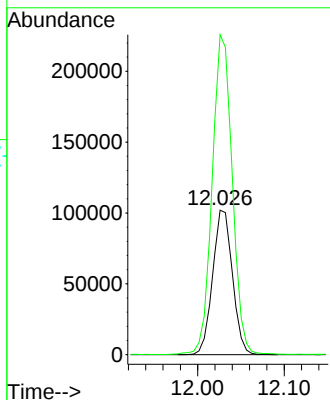
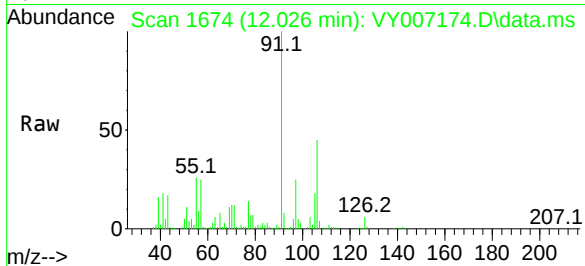




#69
o-Xylene
Concen: 57.729 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

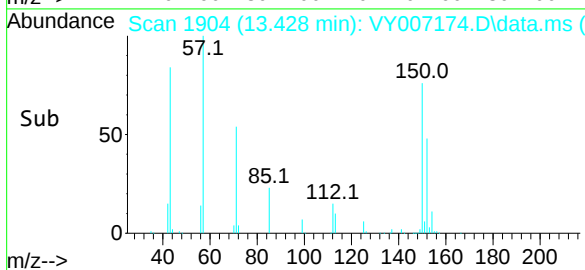
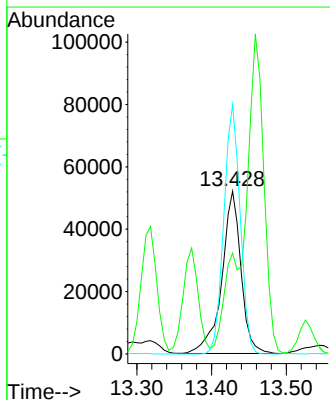
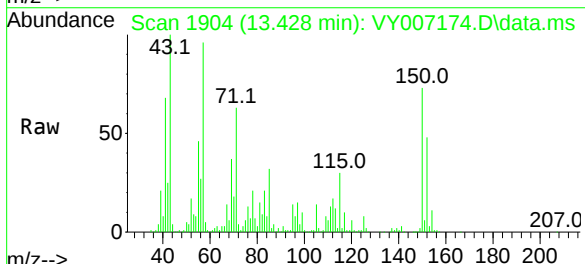
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

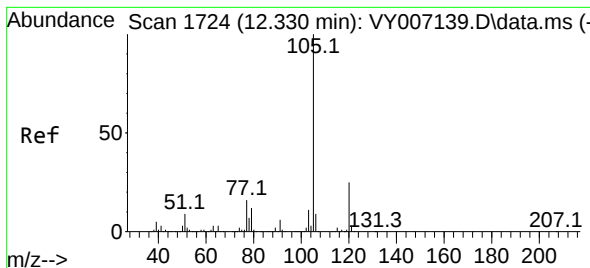
Tgt Ion:106 Resp: 161859
Ion Ratio Lower Upper
106 100
91 224.8 109.9 329.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion:152 Resp: 92662
Ion Ratio Lower Upper
152 100
115 0.0 31.4 94.0#
150 131.4 0.0 348.4





#73

Isopropylbenzene

Concen: 21.222 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY007174.D

Acq: 14 Jan 2022 18:17

Instrument :

MSVOA_Y

ClientSampleId :

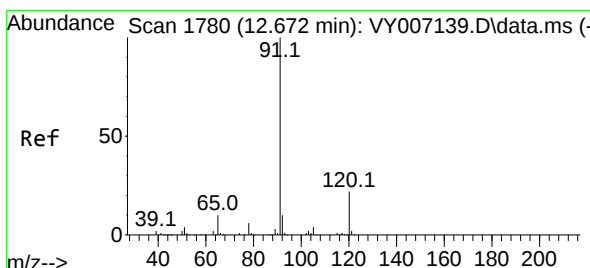
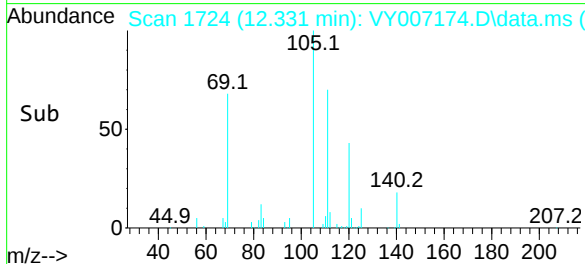
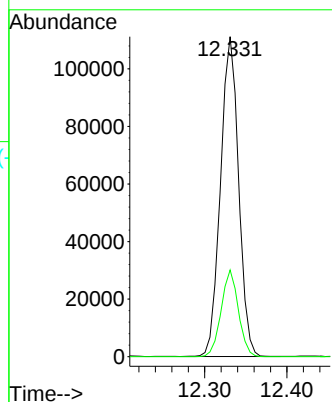
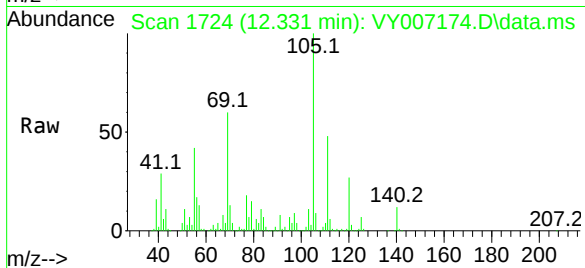
WASTE-CLASS-BOILER-PIT

Tgt Ion:105 Resp: 169844

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#78

n-propylbenzene

Concen: 62.743 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007174.D

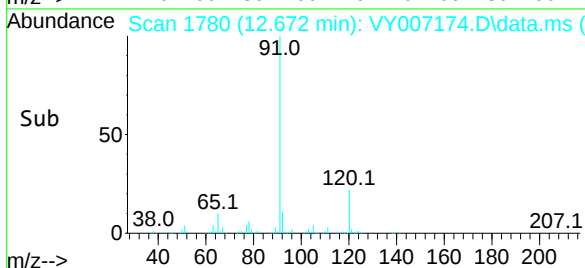
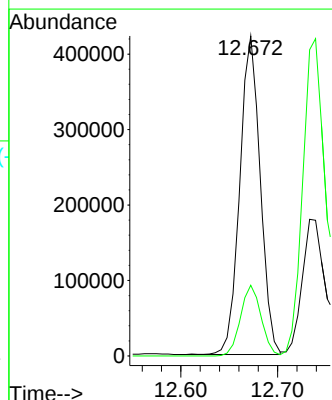
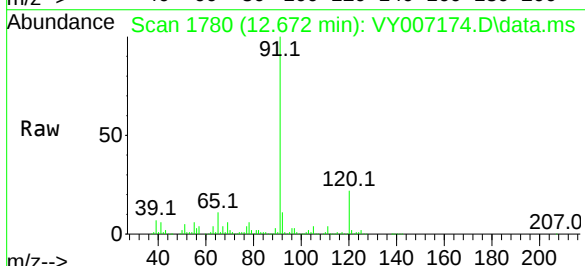
Acq: 14 Jan 2022 18:17

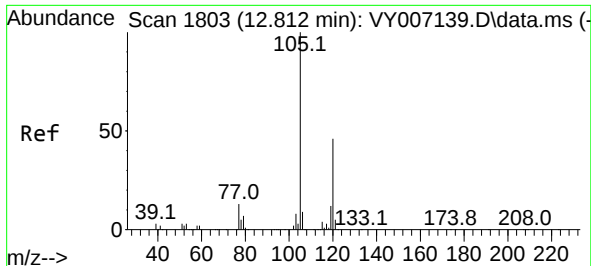
Tgt Ion: 91 Resp: 622488

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5

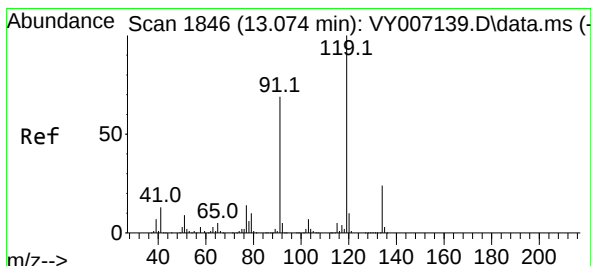
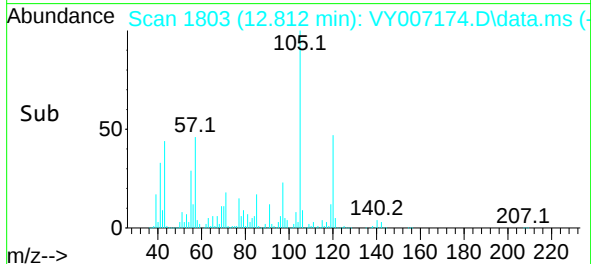
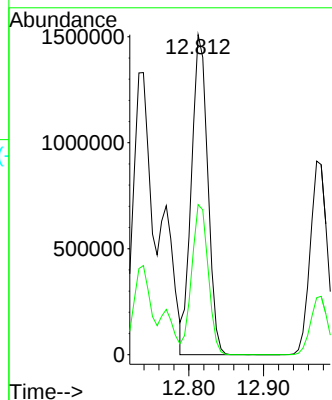
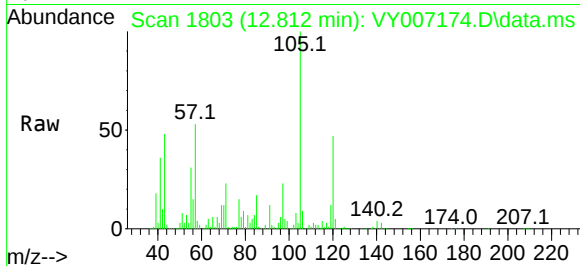




#80
1,3,5-Trimethylbenzene
Concen: 347.604 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

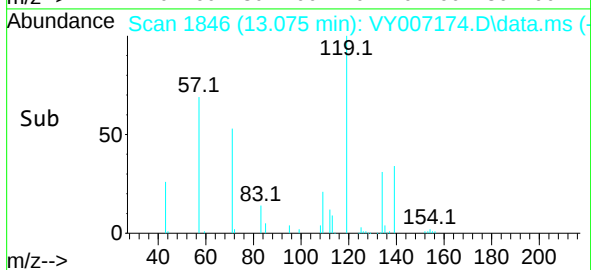
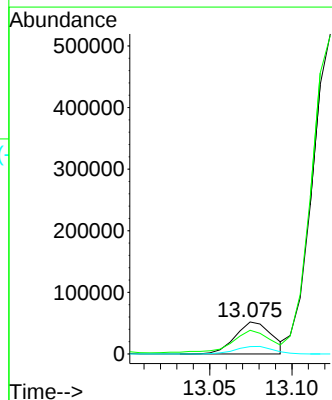
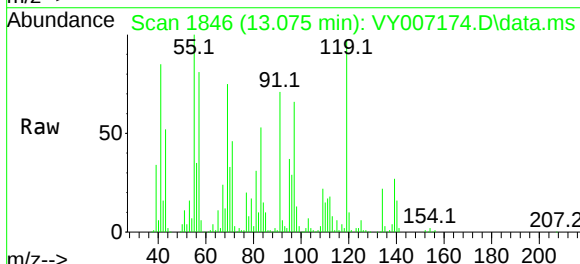
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

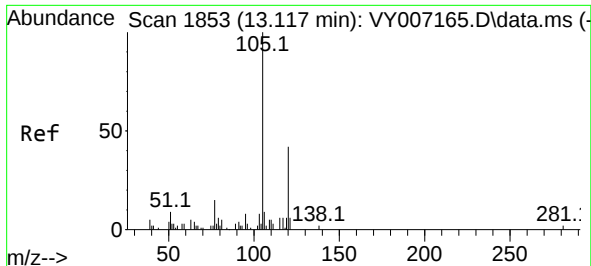
Tgt Ion:105 Resp: 2284216
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1



#83
tert-Butylbenzene
Concen: 14.146 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion:119 Resp: 80326
Ion Ratio Lower Upper
119 100
91 73.6 33.1 99.5
134 24.5 12.9 38.7

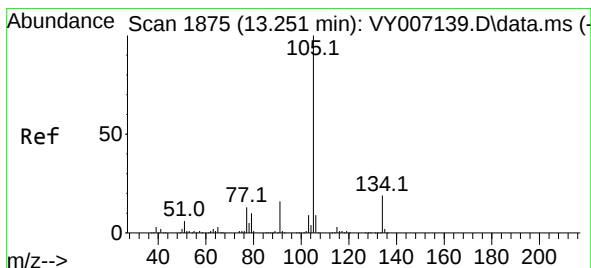
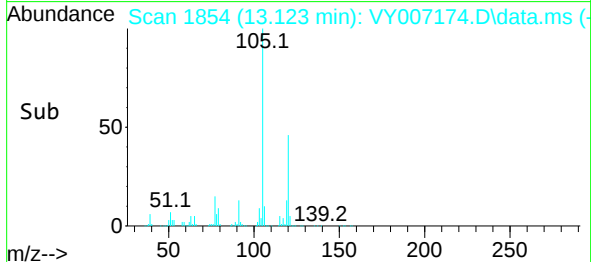
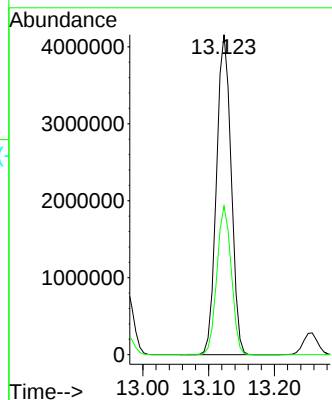
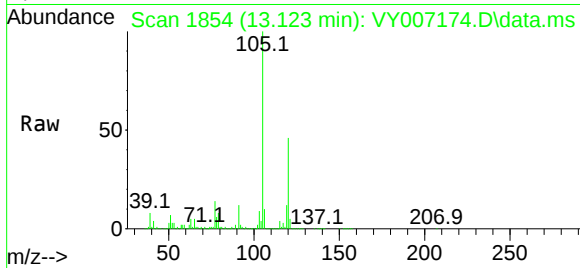




#84
1,2,4-Trimethylbenzene
Concen: 989.254 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

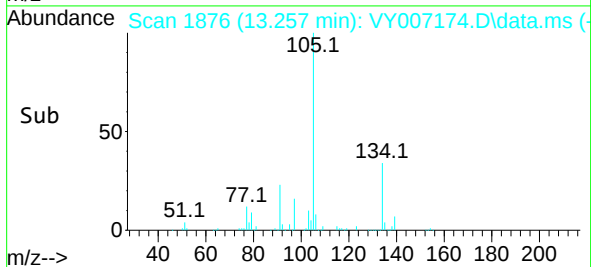
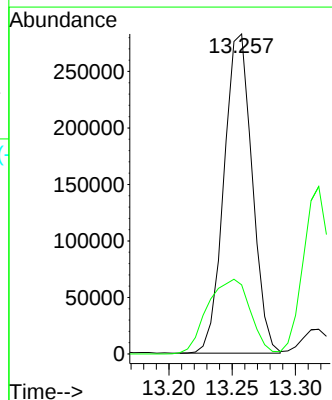
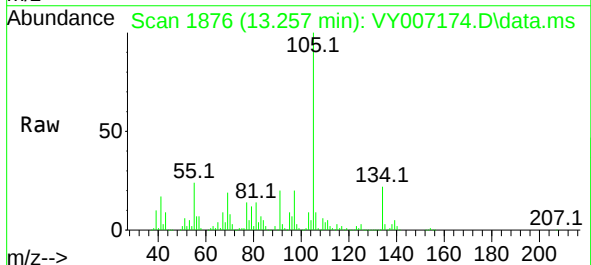
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

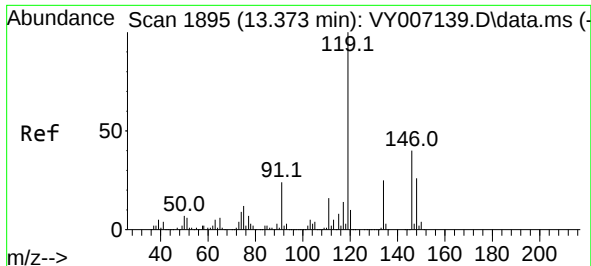
Tgt Ion:105 Resp: 6443623
Ion Ratio Lower Upper
105 100
120 45.6 21.6 64.6



#85
sec-Butylbenzene
Concen: 51.500 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion:105 Resp: 437478
Ion Ratio Lower Upper
105 100
134 35.6 9.9 29.7#

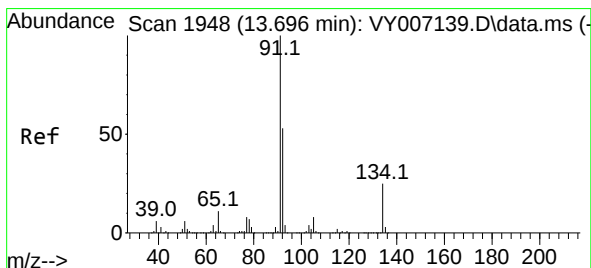
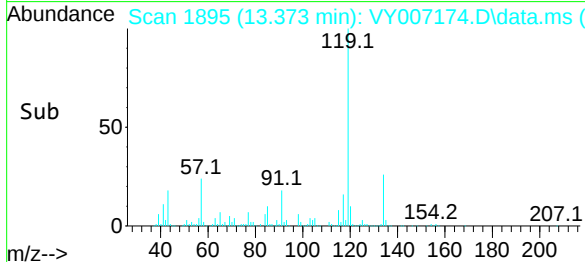
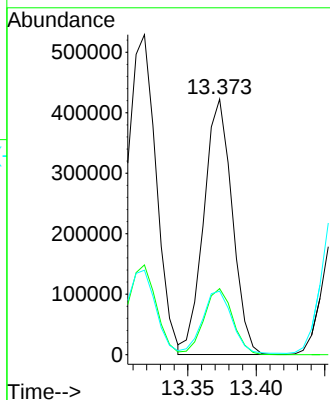
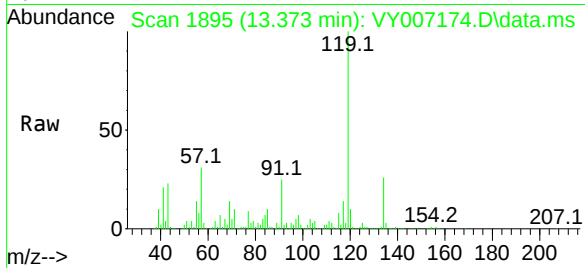




#86
p-Isopropyltoluene
Concen: 87.451 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

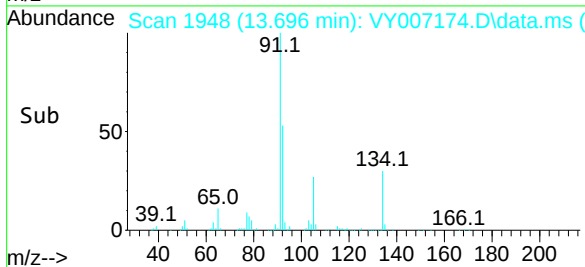
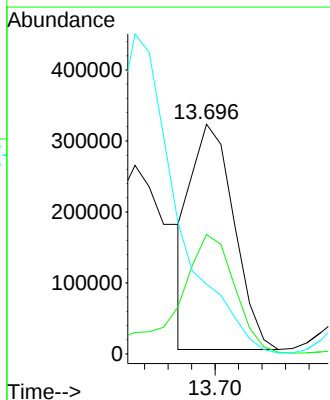
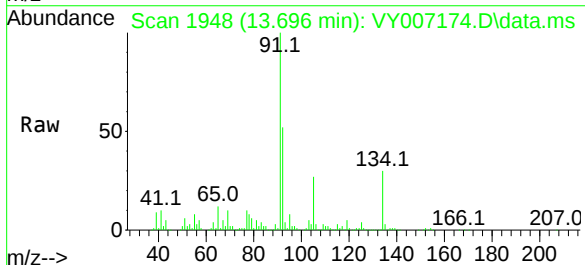
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-CLASS-BOILER-PIT

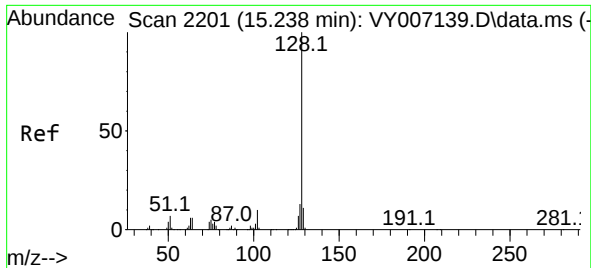
Tgt Ion:119 Resp: 610485
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.7
91 25.2 12.4 37.2



#89
n-Butylbenzene
Concen: 58.799 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007174.D
Acq: 14 Jan 2022 18:17

Tgt Ion: 91 Resp: 404159
Ion Ratio Lower Upper
91 100
92 70.8 26.9 80.6
134 0.0 12.6 37.6#





#95

Naphthalene

Concen: 322.056 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007174.D

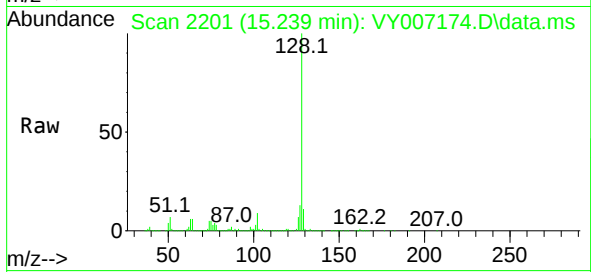
Acq: 14 Jan 2022 18:17

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-CLASS-BOILER-PIT



Tgt Ion:128 Resp: 1261557

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.2 8.9 13.3

