

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026471.D
 Acq On : 14 Jan 2022 22:32
 Operator : JC/MD
 Sample : N1124-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 00:42:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	135640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94736	49.998	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.000%			
35) Dibromofluoromethane	5.391	113	71982	48.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.760%			
50) Toluene-d8	8.653	98	260565	49.103	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.200%			
62) 4-Bromofluorobenzene	11.079	95	95223	50.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.020%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	233577	241.731	ug/l	98
20) Methylene Chloride	2.794	84	18458	11.562	ug/l	99
43) Isopropyl Acetate	6.349	43	12127	3.192	ug/l	98
52) Toluene	8.720	92	3758	0.954	ug/l	99
67) Ethyl Benzene	10.195	91	44628	5.958	ug/l	96
68) m/p-Xylenes	10.299	106	73217	26.118	ug/l	98
69) o-Xylene	10.640	106	58138	21.492	ug/l	98
73) Isopropylbenzene	10.964	105	52821	7.441	ug/l	99
78) n-propylbenzene	11.305	91	130540	16.126	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	485448	82.949	ug/l	100
83) tert-Butylbenzene	11.713	119	19239	3.521	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	1335395	228.134	ug/l	97
85) sec-Butylbenzene	11.890	105	65255	9.234	ug/l	98
86) p-Isopropyltoluene	12.012	119	78812	13.293	ug/l	100
89) n-Butylbenzene	12.329	91	23428m	4.605	ug/l	
95) Naphthalene	13.780	128	227348	36.905	ug/l	99

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

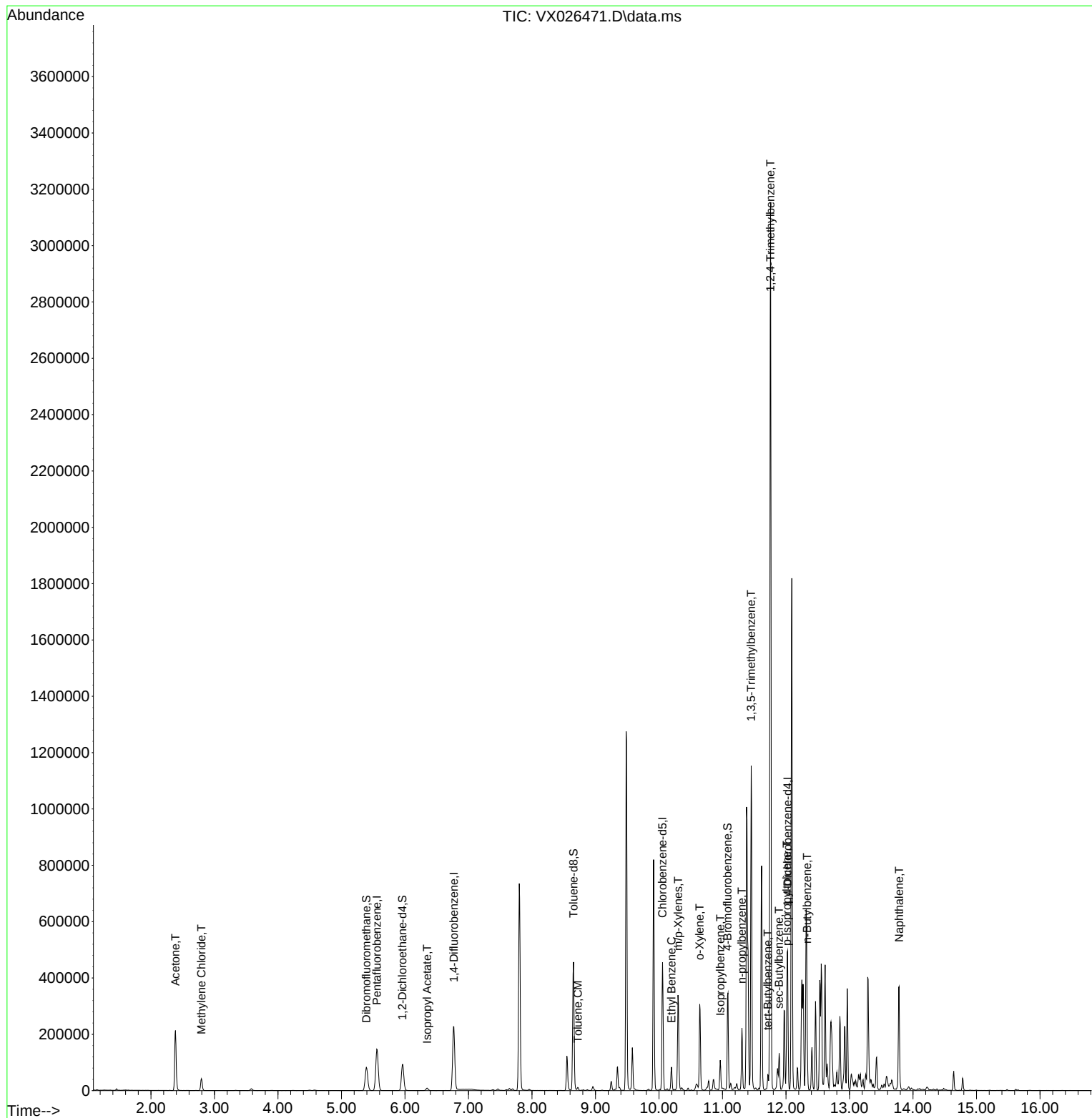
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
Data File : VX026471.D
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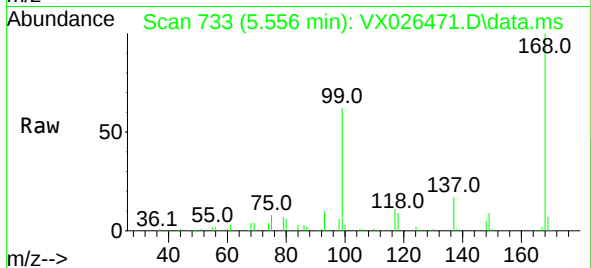
Quant Time: Jan 17 00:42:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

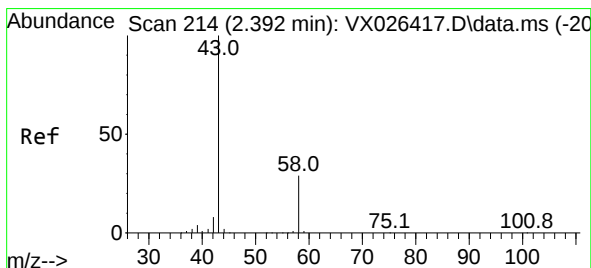
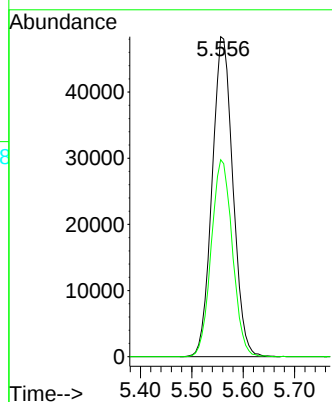
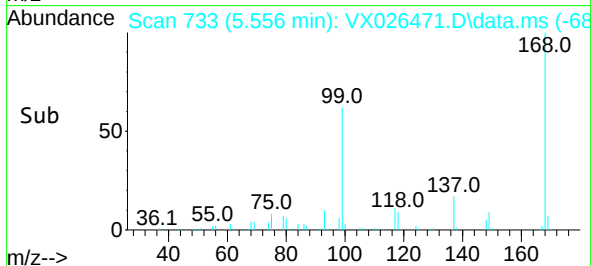
Instrument :
MSVOA_X
ClientSampleId :
WASTE-CLASS-BOILER-PIT



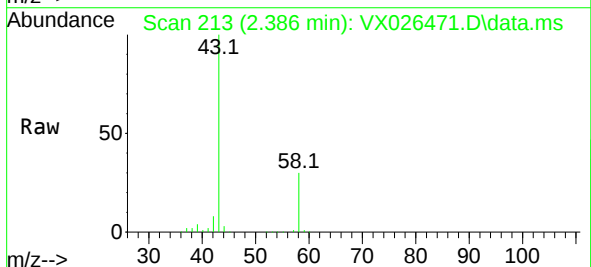
Tgt Ion:168 Resp: 135640
Ion Ratio Lower Upper
168 100
99 61.6 50.3 75.5

Manual Integrations
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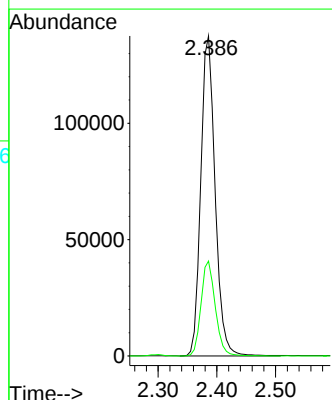
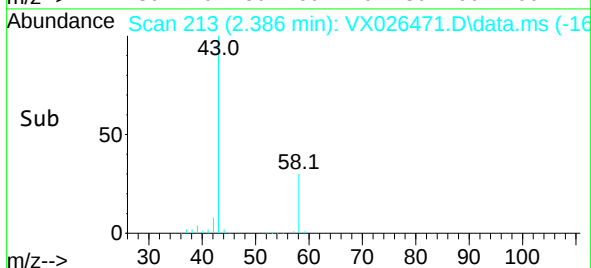
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

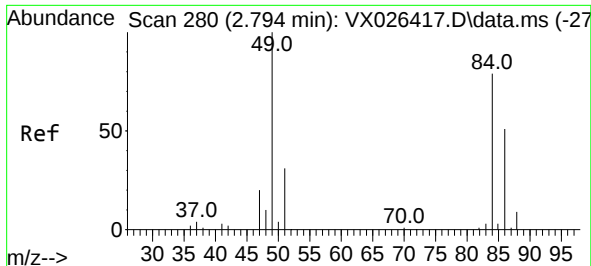


#16
Acetone
Concen: 241.731 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32



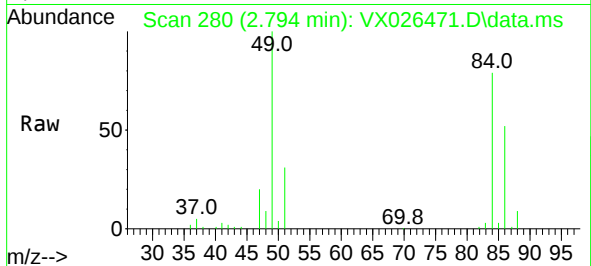
Tgt Ion: 43 Resp: 233577
Ion Ratio Lower Upper
43 100
58 29.6 23.0 34.6





#20
Methylene Chloride
Concen: 11.562 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

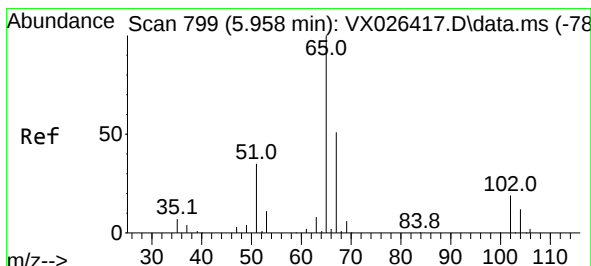
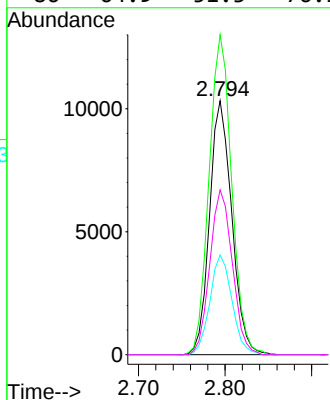
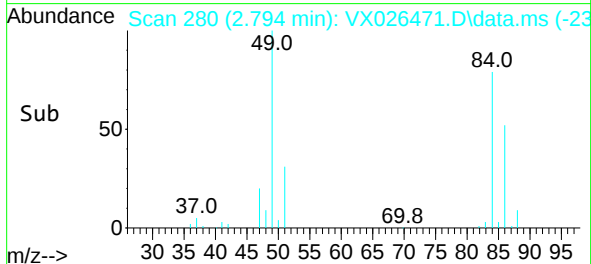
Instrument :
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WASTE-CLASS-BOILER-PIT



Tgt Ion: 84 Resp: 18458
Ion Ratio Lower Upper
84 100
49 126.0 101.5 152.3
51 39.3 31.2 46.8
86 64.9 51.3 76.9

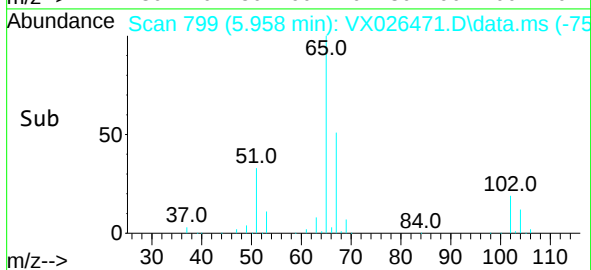
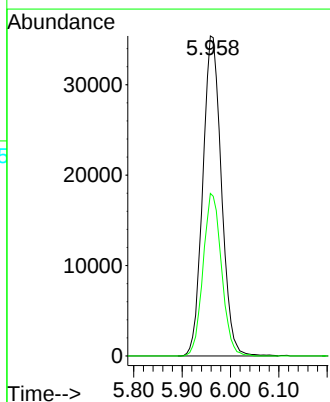
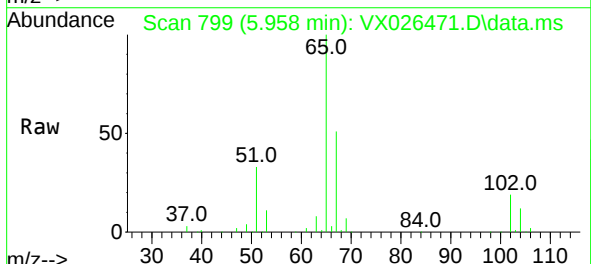
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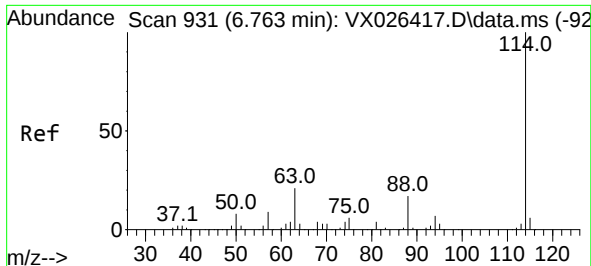
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#33
1,2-Dichloroethane-d4
Concen: 49.998 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

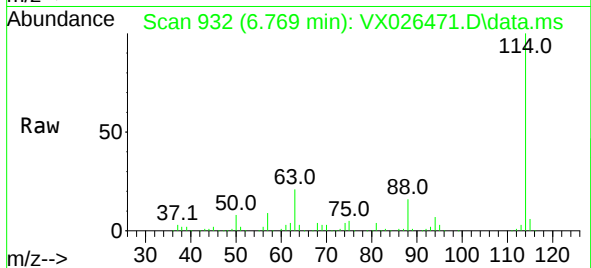
Tgt Ion: 65 Resp: 94736
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

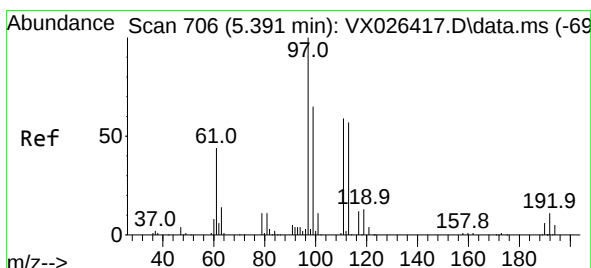
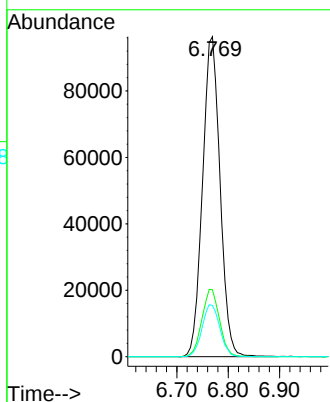
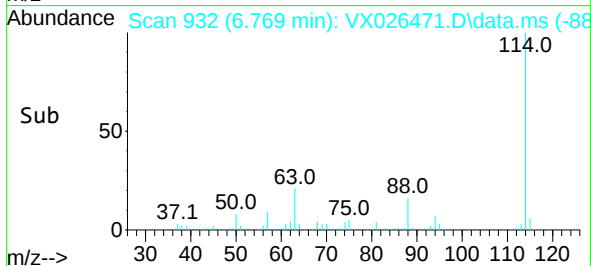
Instrument :
MSVOA_X
ClientSampleId :
WASTE-CLASS-BOILER-PIT



Tgt Ion:114 Resp: 228034
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 16.0 0.0 33.0

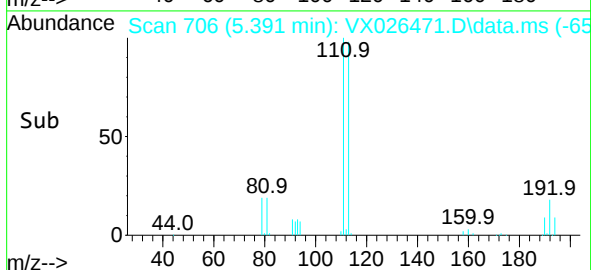
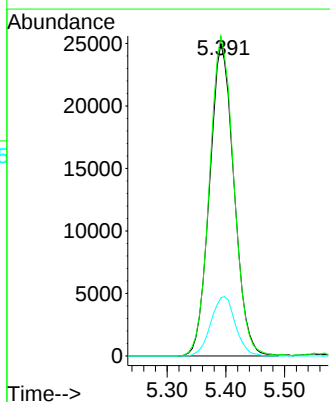
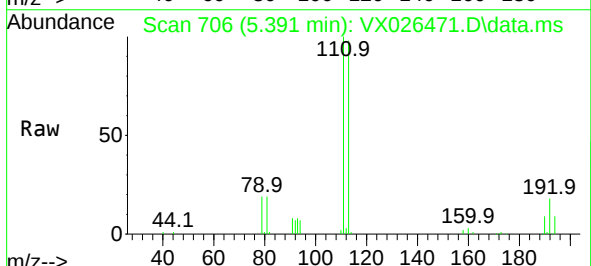
Manual Integrations
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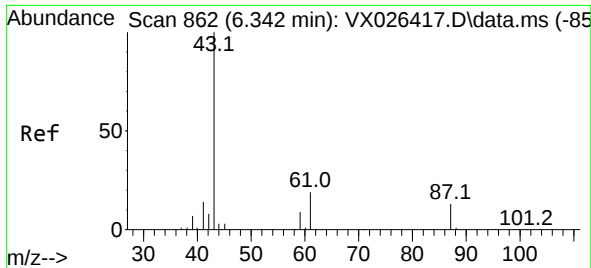
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#35
Dibromofluoromethane
Concen: 48.882 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

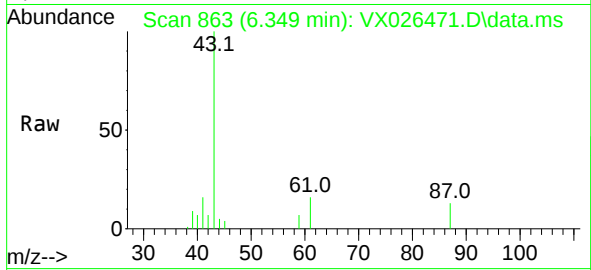
Tgt Ion:113 Resp: 71982
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.1 15.0 22.4





#43
Isopropyl Acetate
Concen: 3.192 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

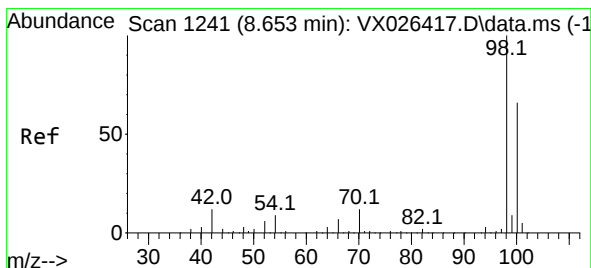
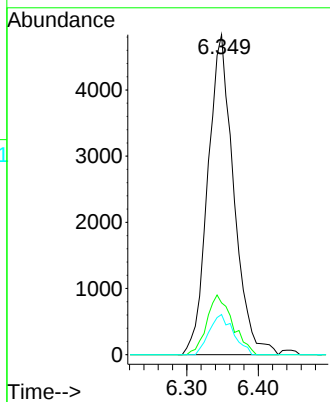
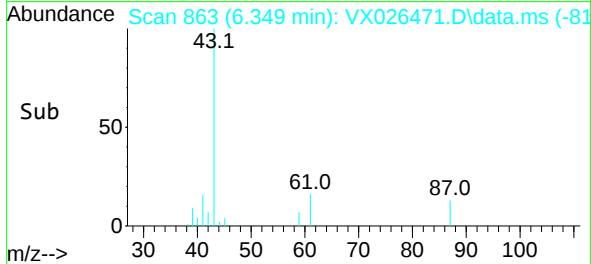
Instrument :
MSVOA_X
Client Sample Id :
WASTE-CLASS-BOILER-PIT



Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0
87 11.7 10.2 15.2

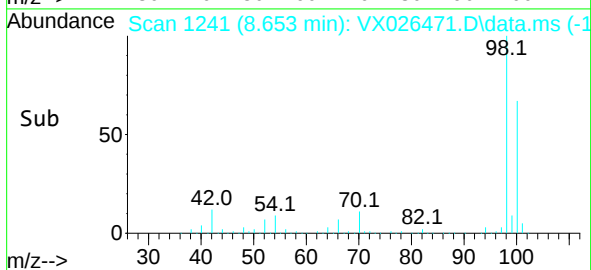
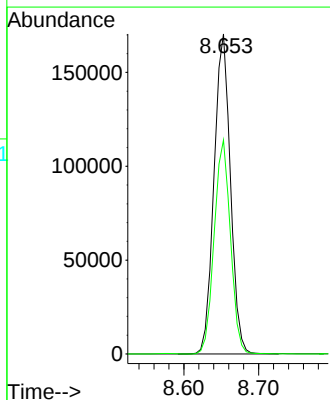
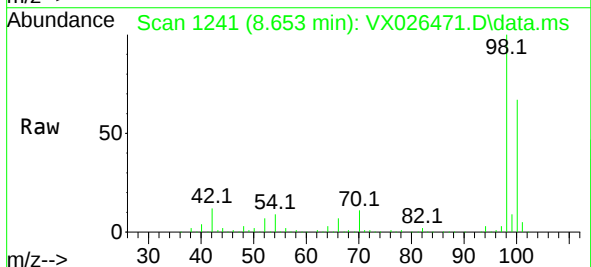
Manual Integrations
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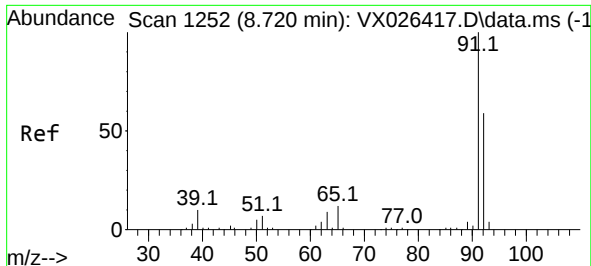
Reviewed By :John Carlone 01/17/2022
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#50
Toluene-d8
Concen: 49.103 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

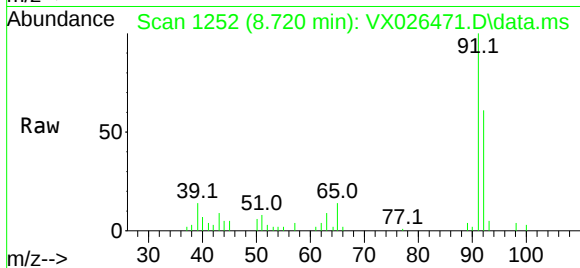
Tgt Ion: 98 Resp: 260565
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8





#52
Toluene
Concen: 0.954 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

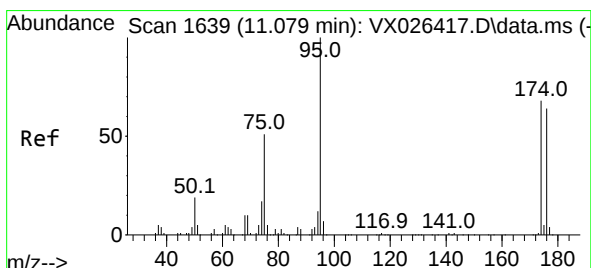
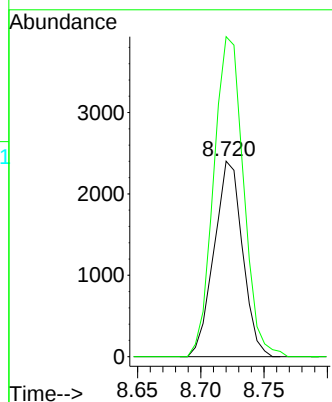
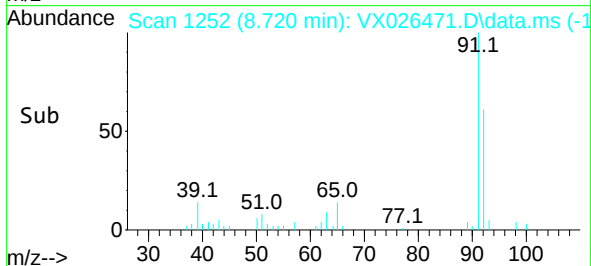
Instrument :
MSVOA_X
ClientSampleId :
WASTE-CLASS-BOILER-PIT



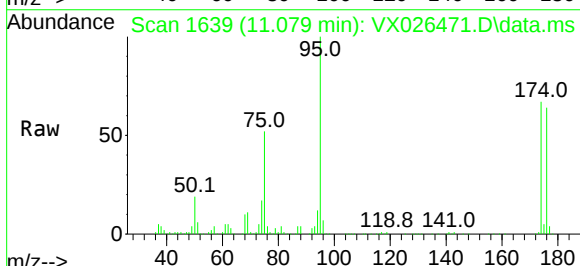
Tgt Ion: 92 Resp: 3758
Ion Ratio Lower Upper
92 100
91 171.4 135.7 203.5

Manual Integrations
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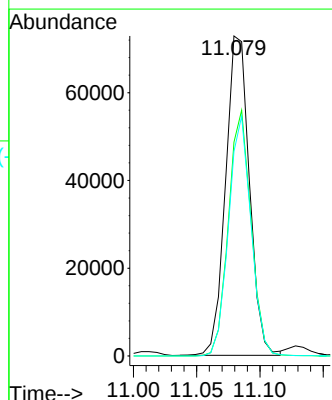
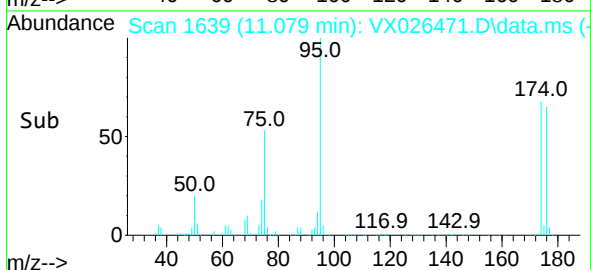
Reviewed By :John Carlone 01/17/2022
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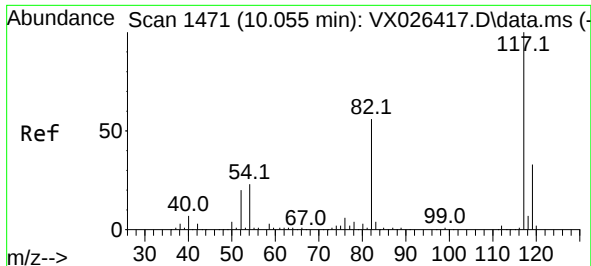


#62
4-Bromofluorobenzene
Concen: 50.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32



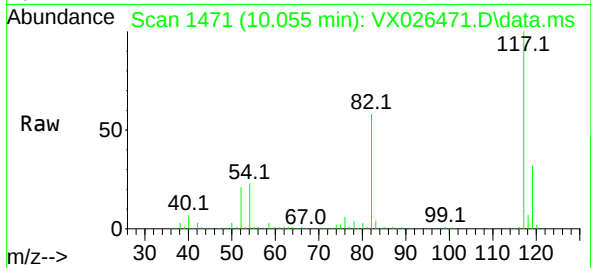
Tgt Ion: 95 Resp: 95223
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.6
176 70.7 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

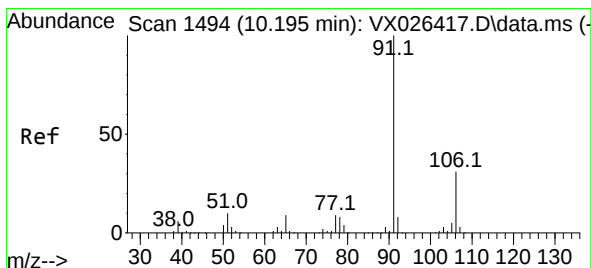
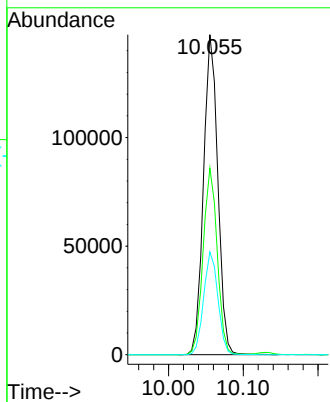
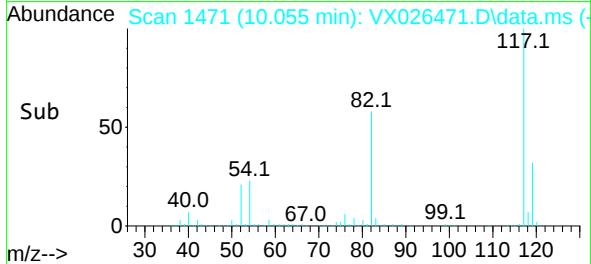
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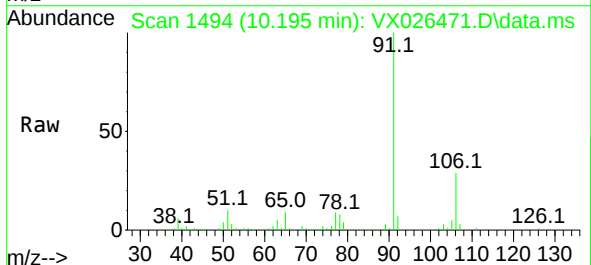
Tgt Ion:117 Resp: 195750
Ion Ratio Lower Upper
117 100
82 58.3 45.2 67.8
119 32.1 26.2 39.2

Manual Integrations
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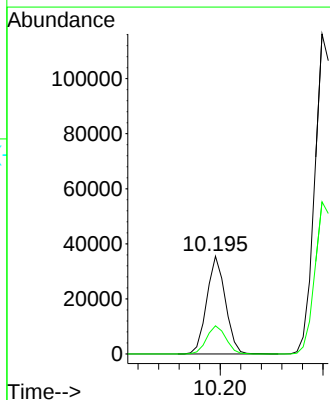
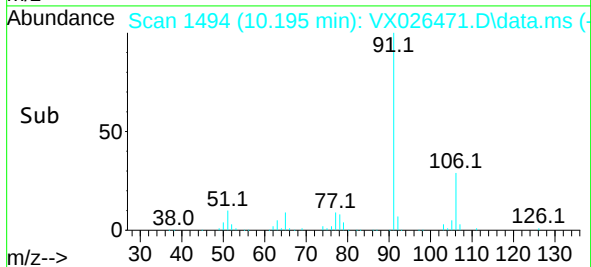
Reviewed By :John Carlone 01/17/2022
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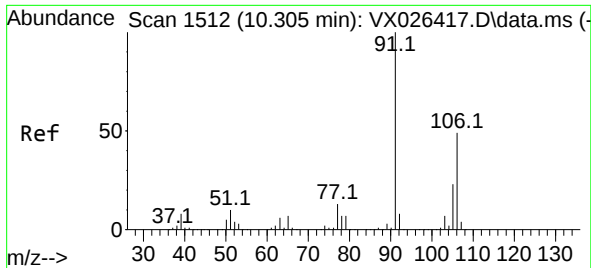


#67
Ethyl Benzene
Concen: 5.958 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32



Tgt Ion: 91 Resp: 44628
Ion Ratio Lower Upper
91 100
106 28.7 24.7 37.1





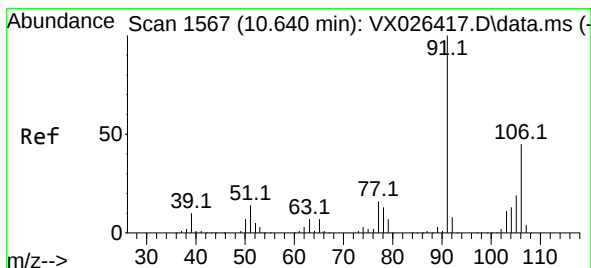
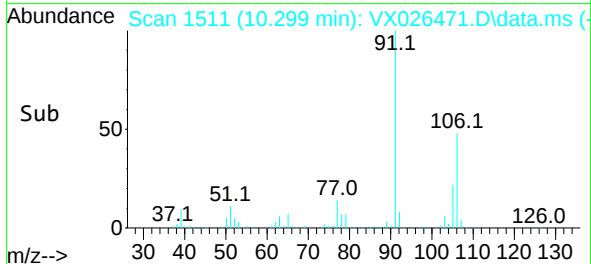
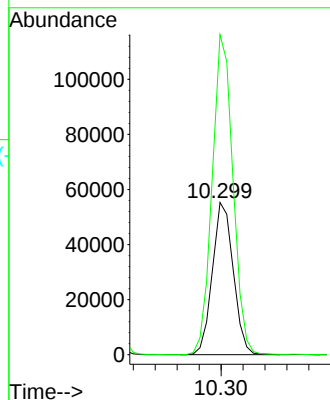
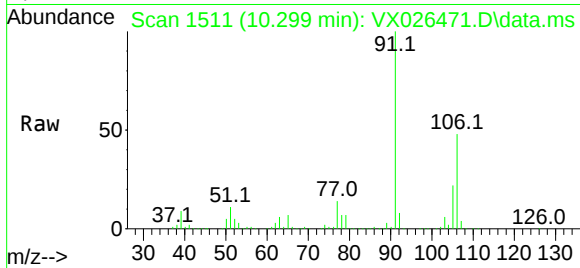
#68
m/p-Xylenes
Concen: 26.118 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

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

Tgt Ion:106 Resp: 7321
Ion Ratio Lower Upper
106 100
91 209.5 165.3 247.9

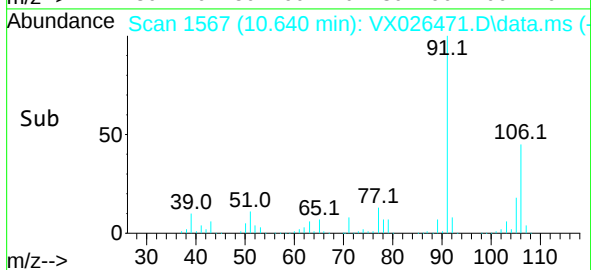
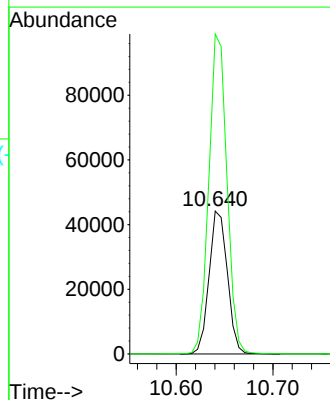
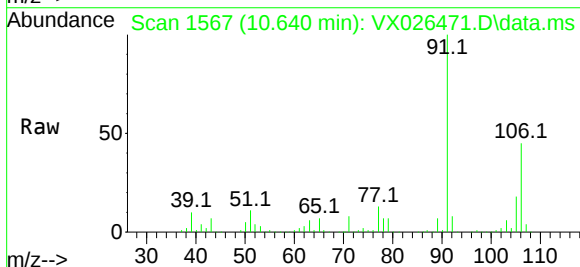
Manual Integrations
APPROVED

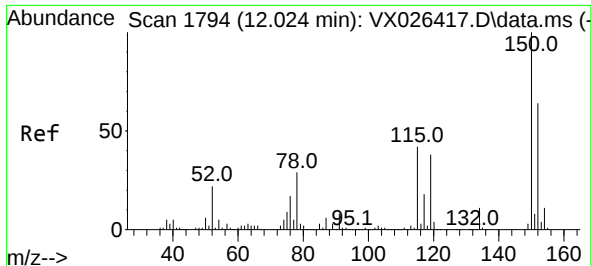
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#69
o-Xylene
Concen: 21.492 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

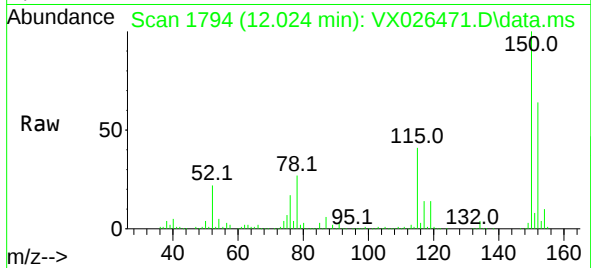
Tgt Ion:106 Resp: 58138
Ion Ratio Lower Upper
106 100
91 222.6 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

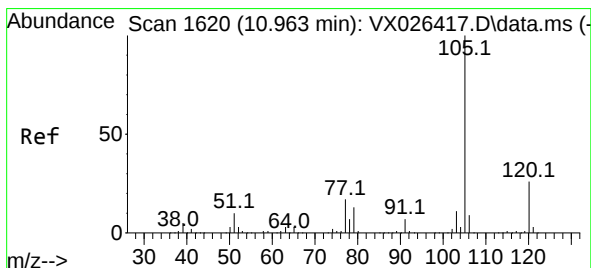
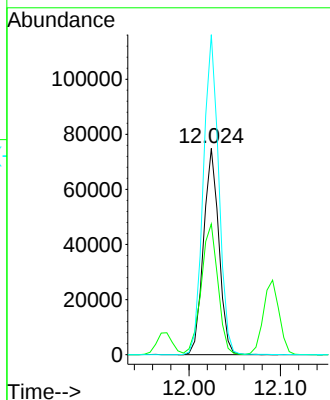
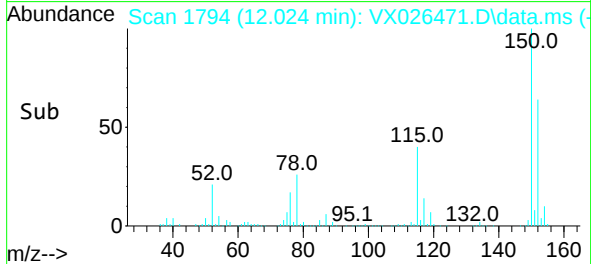
Instrument :
MSVOA_X
ClientSampleId :
WASTE-CLASS-BOILER-PIT



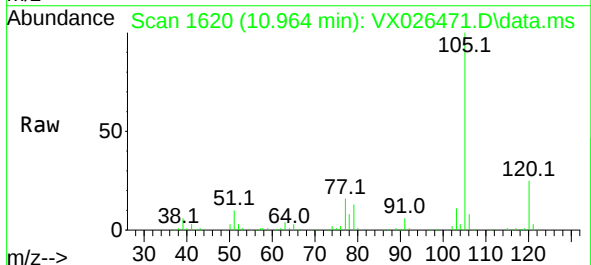
Tgt Ion:152 Resp: 86600
Ion Ratio Lower Upper
152 100
115 69.0 44.2 132.6
150 156.9 0.0 348.2

Manual Integrations
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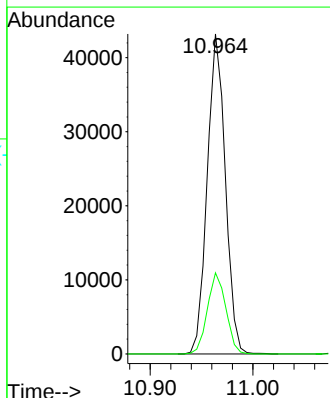
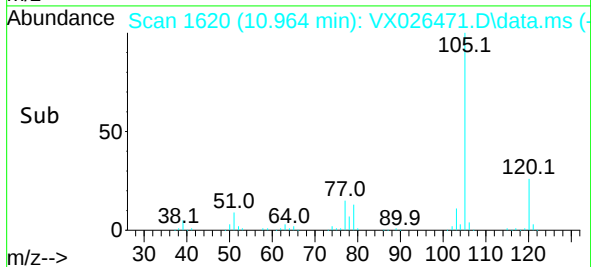
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

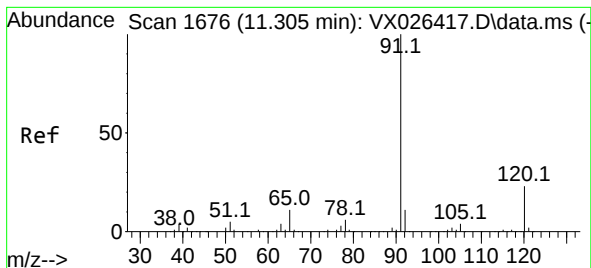


#73
Isopropylbenzene
Concen: 7.441 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32



Tgt Ion:105 Resp: 52821
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1





#78

n-propylbenzene

Concen: 16.126 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026471.D

Acq: 14 Jan 2022 22:32

Instrument :

MSVOA_X

ClientSampleId :

WASTE-CLASS-BOILER-PIT

Tgt Ion: 91 Resp: 130540

Ion Ratio Lower Upper

91 100

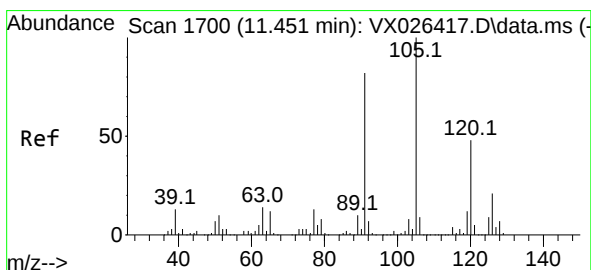
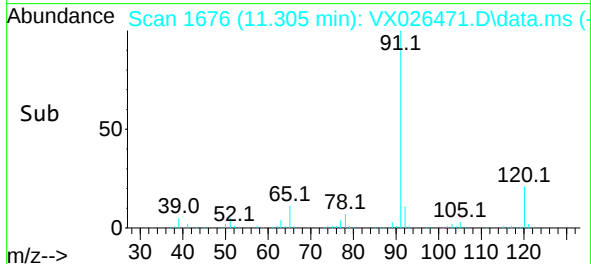
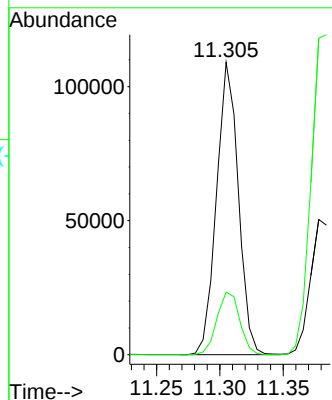
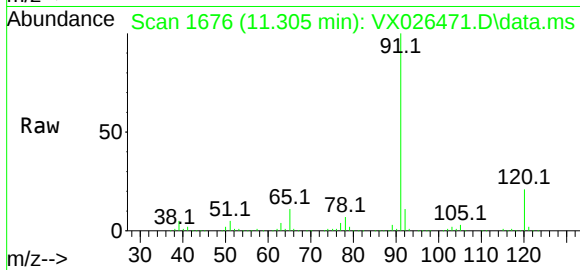
120 22.4 11.6 34.7

Manual Integrations

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Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#80

1,3,5-Trimethylbenzene

Concen: 82.949 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026471.D

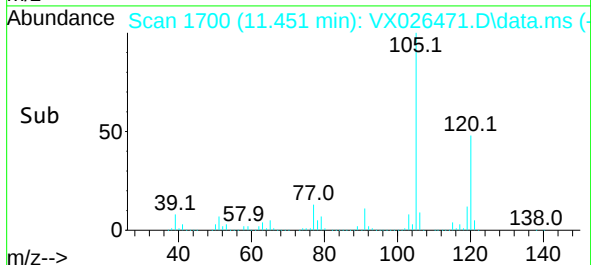
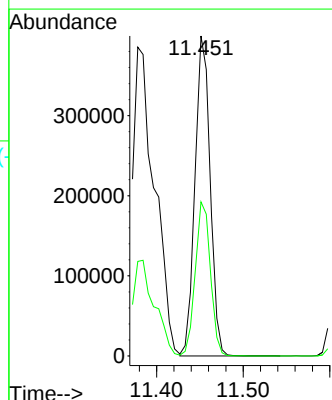
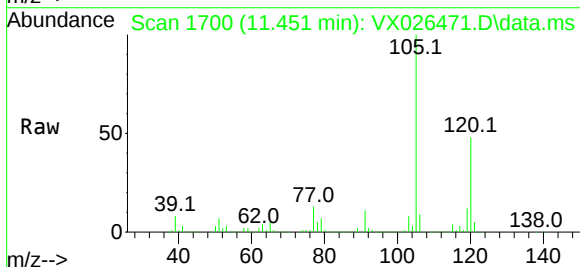
Acq: 14 Jan 2022 22:32

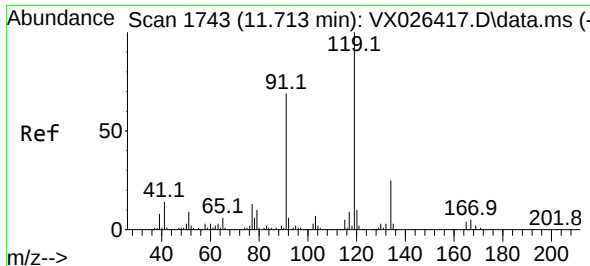
Tgt Ion:105 Resp: 485448

Ion Ratio Lower Upper

105 100

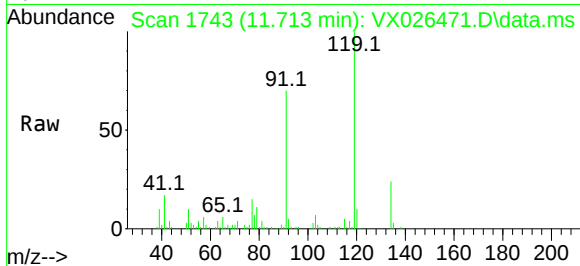
120 48.2 24.0 72.0





#83
tert-Butylbenzene
Concen: 3.521 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

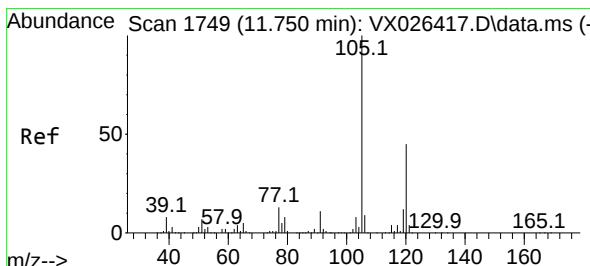
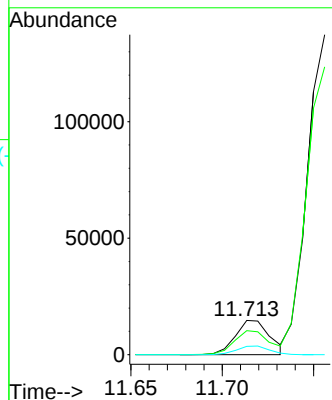
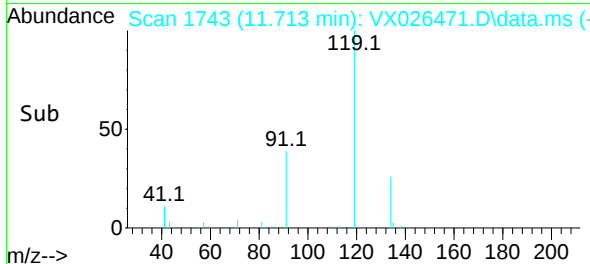
Instrument :
MSVOA_X
ClientSampleId :
WASTE-CLASS-BOILER-PIT



Tgt Ion:119 Resp: 19239
Ion Ratio Lower Upper
119 100
91 71.5 31.4 94.0
134 24.0 11.8 35.3

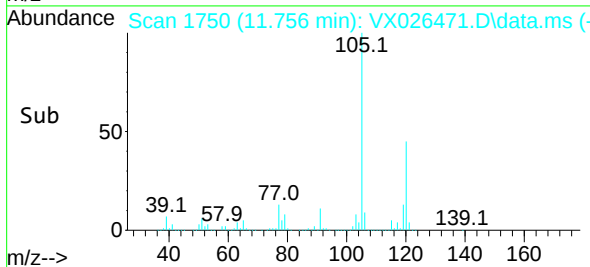
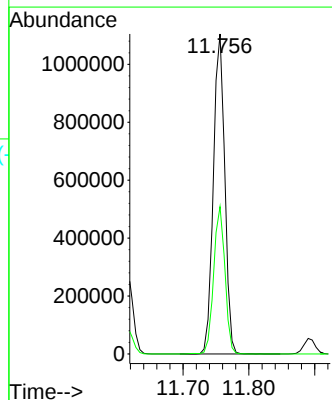
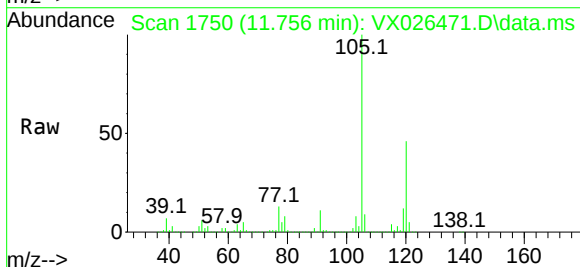
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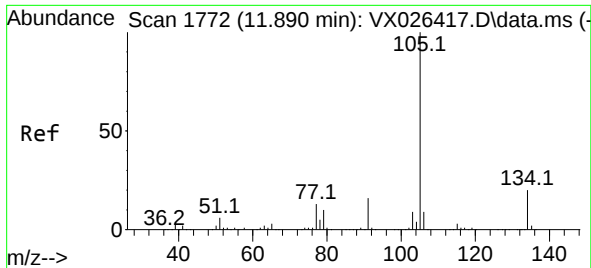
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 228.134 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

Tgt Ion:105 Resp: 1335395
Ion Ratio Lower Upper
105 100
120 45.6 21.9 65.5





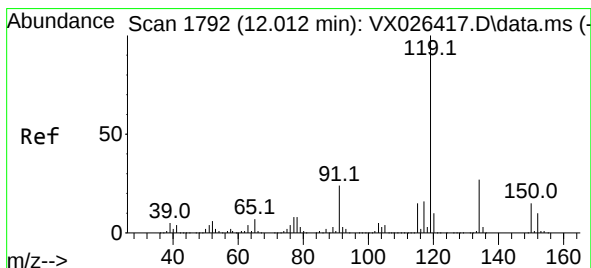
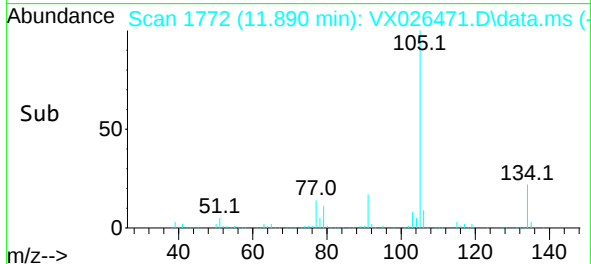
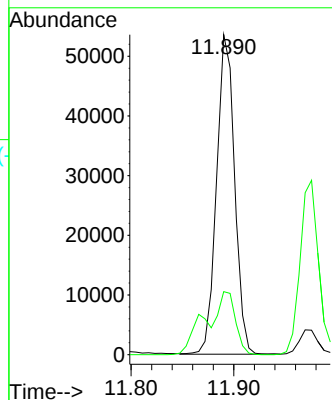
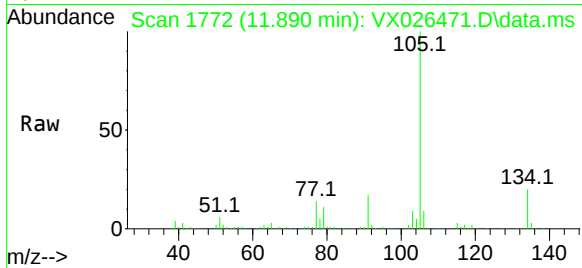
#85
 sec-Butylbenzene
 Concen: 9.234 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX026471.D
 Acq: 14 Jan 2022 22:32

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

Tgt Ion:105 Resp: 6525
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.1 30.1

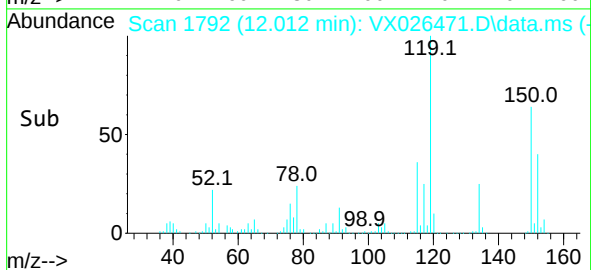
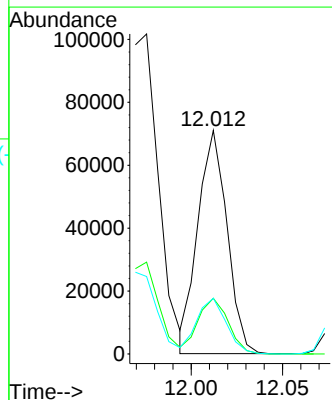
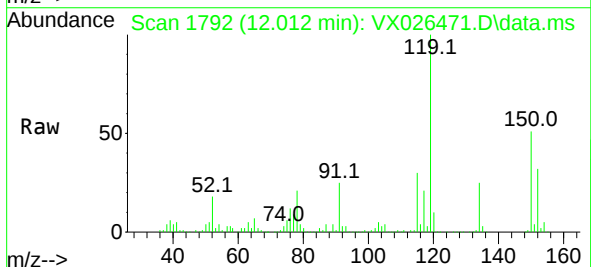
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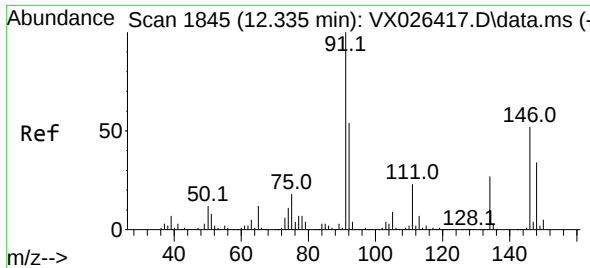
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022



#86
 p-Isopropyltoluene
 Concen: 13.293 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX026471.D
 Acq: 14 Jan 2022 22:32

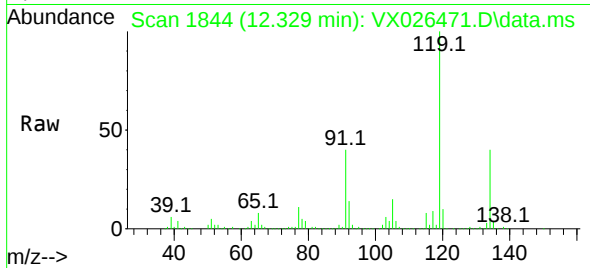
Tgt Ion:119 Resp: 78812
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 25.5 12.6 37.6





#89
n-Butylbenzene
Concen: 4.605 ug/l m
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32

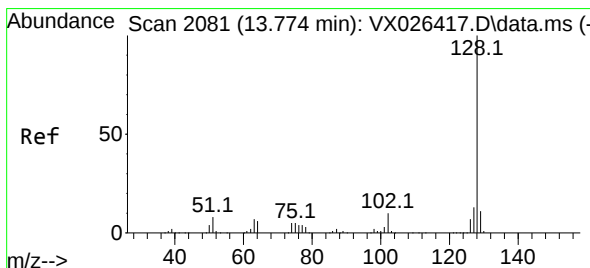
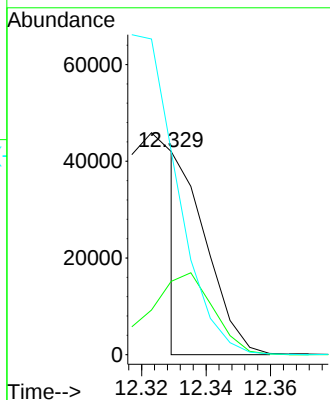
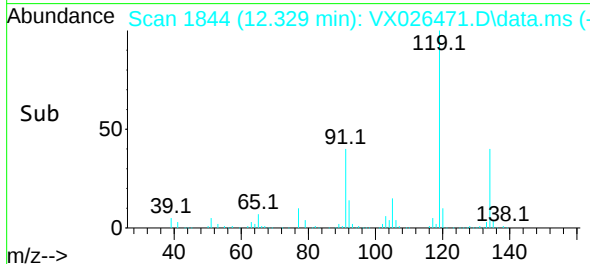
Instrument : MSVOA_X
ClientSampleId : WASTE-CLASS-BOILER-PIT



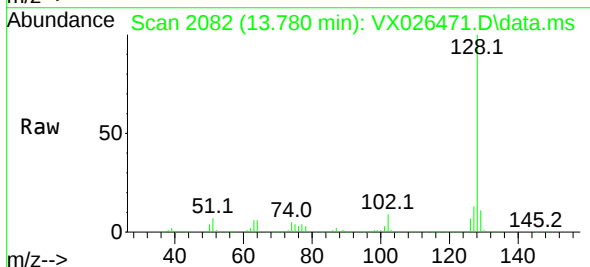
Tgt Ion: 91 Resp: 23428
Ion Ratio Lower Upper
91 100
92 106.1 27.2 81.6
134 417.0 13.1 39.1

Manual Integrations
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Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#95
Naphthalene
Concen: 36.905 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026471.D
Acq: 14 Jan 2022 22:32



Tgt Ion:128 Resp: 227348
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.5 8.7 13.1

