

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019788.D
 Acq On : 03 Oct 2024 15:18
 Operator : SY/MD
 Sample : P4254-02RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-147-SLUDGE-VOCRE

Quant Time: Oct 04 01:29:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

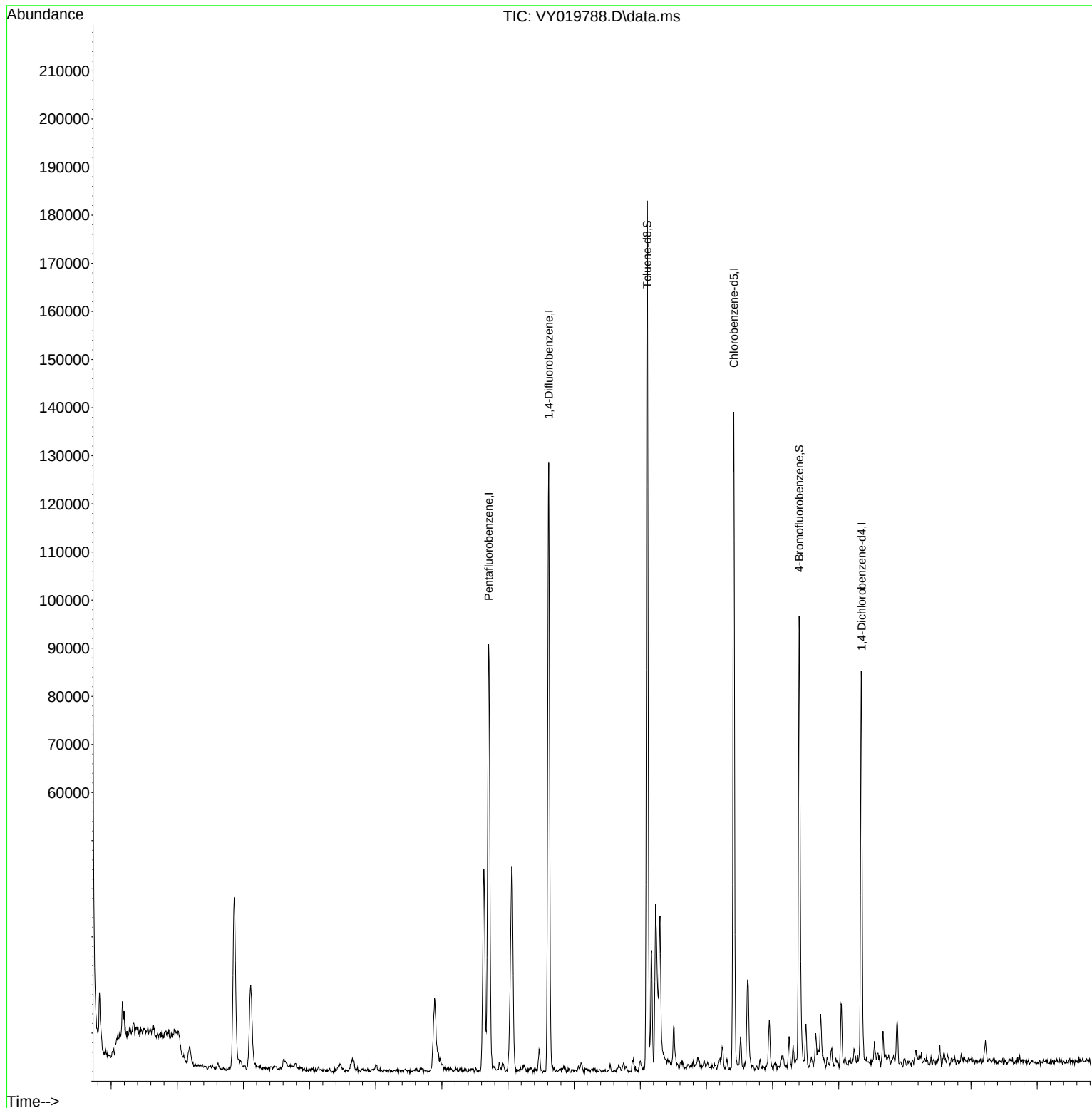
Internal Standards						
1) Pentafluorobenzene	7.707	168	65133	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	104565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	71040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	19993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	28408	47.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.200%
35) Dibromofluoromethane	7.634	113	29668	50.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.080%
50) Toluene-d8	10.103	98	113720	51.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.402	95	26865	31.862	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.720%
Target Compounds						
						Qvalue
16) Acetone	3.860	43	64517	449.021	ug/l	# 85
51) 4-Methyl-2-Pentanone	10.006	43	1751	4.008	ug/l	89
52) Toluene	10.170	92	9788	6.125	ug/l	97
67) Ethyl Benzene	11.518	91	4312	1.737	ug/l	90
68) m/p-Xylenes	11.621	106	5325	5.672	ug/l	94
69) o-Xylene	11.950	106	2467	2.687	ug/l	94
73) Isopropylbenzene	12.249	105	2809	1.937	ug/l	96
80) 1,3,5-Trimethylbenzene	12.731	105	2119	1.797	ug/l	97
84) 1,2,4-Trimethylbenzene	13.036	105	6556	5.617	ug/l	89

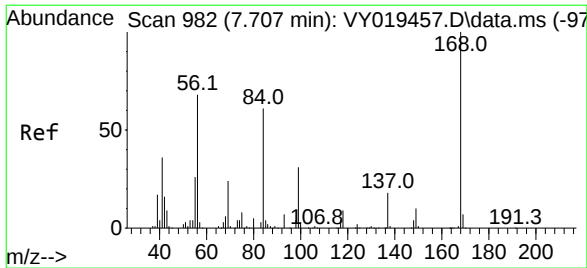
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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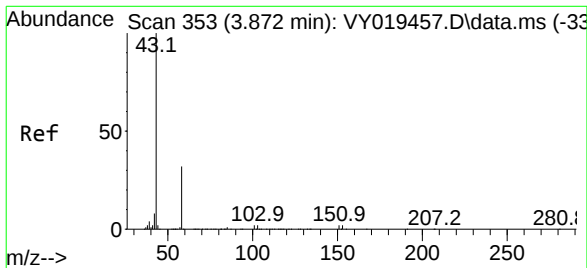
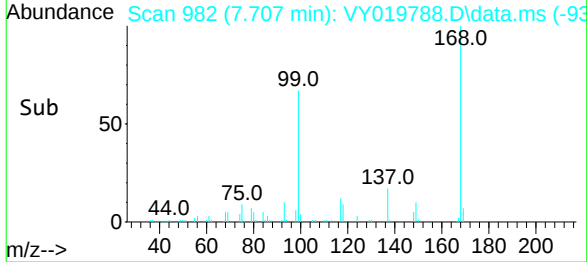
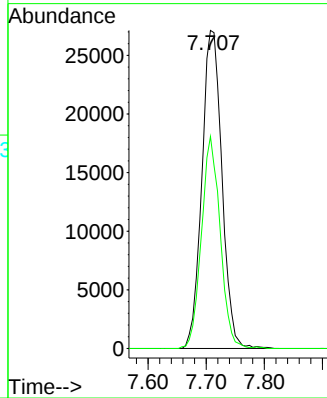
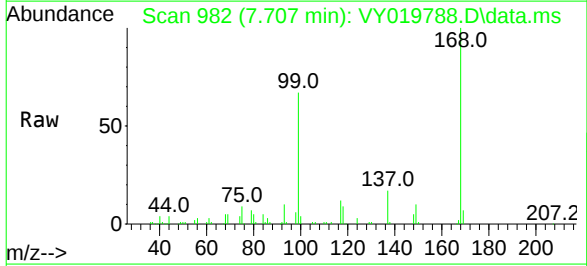




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019788.D
Acq: 03 Oct 2024 15:18

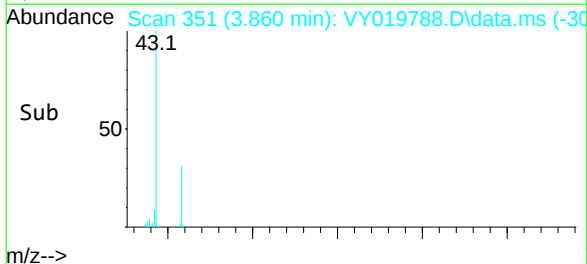
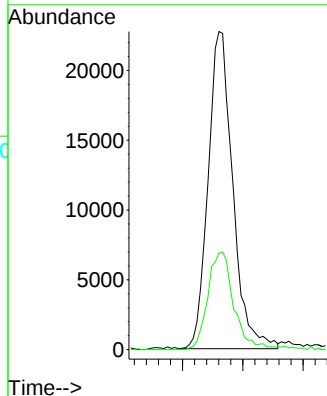
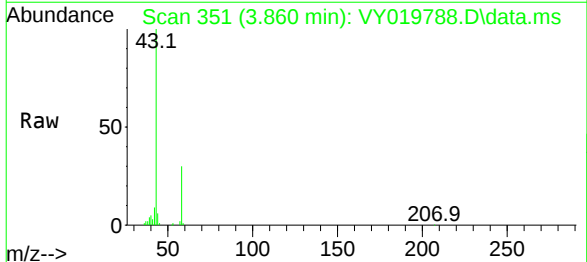
Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE-VOCRE

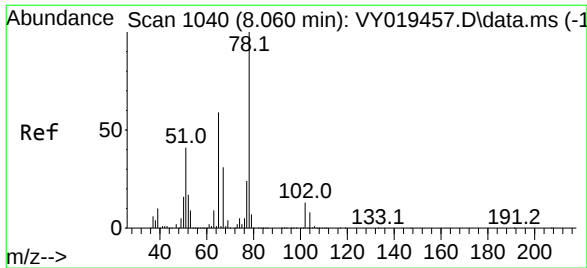
Tgt Ion:168 Resp: 65133
Ion Ratio Lower Upper
168 100
99 66.6 39.1 58.7#



#16
Acetone
Concen: 449.021 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019788.D
Acq: 03 Oct 2024 15:18

Tgt Ion: 43 Resp: 64517
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#

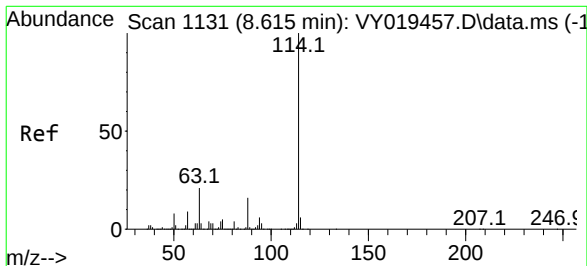
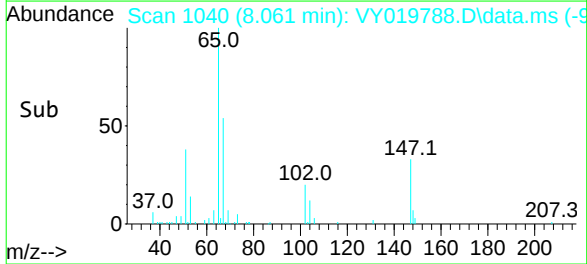
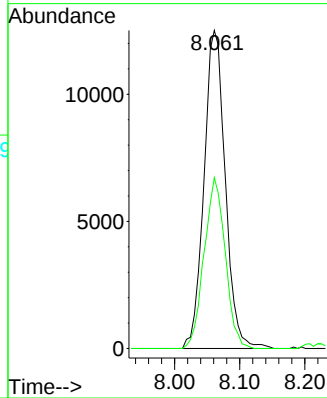
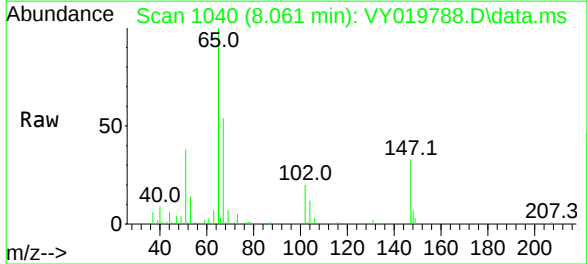




#33
1,2-Dichloroethane-d4
Concen: 47.102 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019788.D
Acq: 03 Oct 2024 15:18

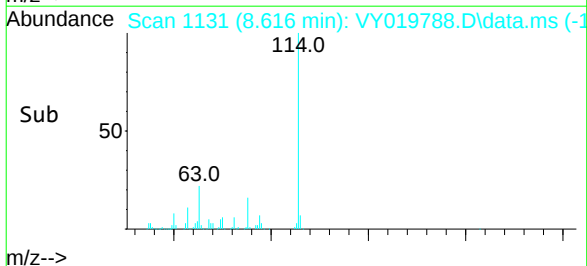
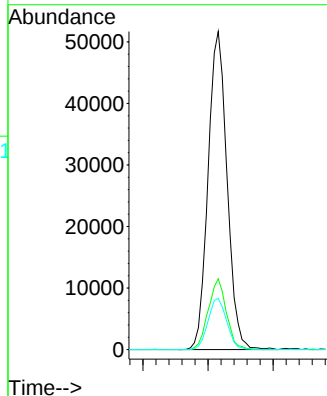
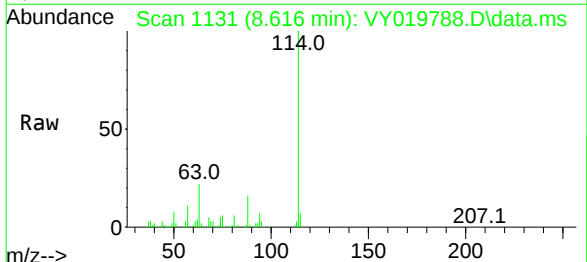
Instrument :
MSVOA_Y
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MH-147-SLUDGE-VOCRE

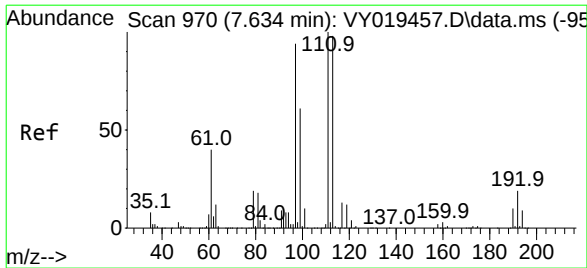
Tgt Ion: 65 Resp: 28408
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019788.D
Acq: 03 Oct 2024 15:18

Tgt Ion: 114 Resp: 104565
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.0
88 16.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.042 ug/l

RT: 7.634 min Scan# 97

Delta R.T. 0.000 min

Lab File: VY019788.D

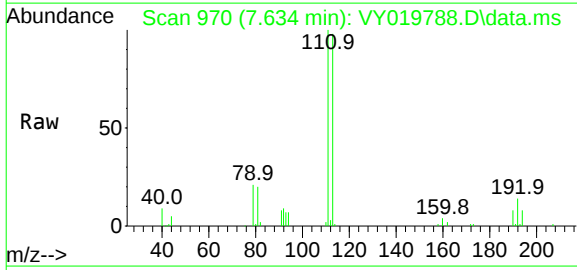
Acq: 03 Oct 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

MH-147-SLUDGE-VOCRE



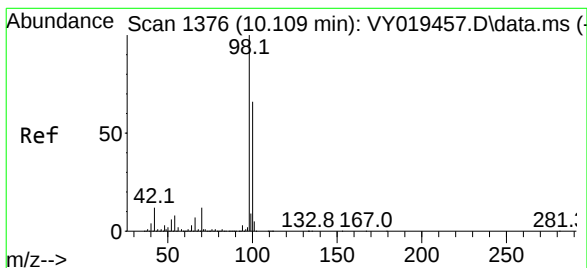
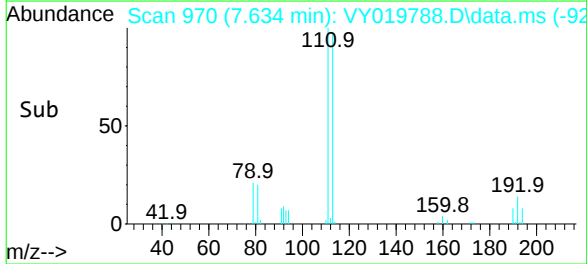
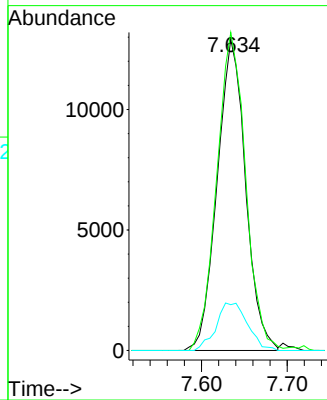
Tgt Ion:113 Resp: 29668

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 17.0 15.9 23.9



#50

Toluene-d8

Concen: 51.859 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019788.D

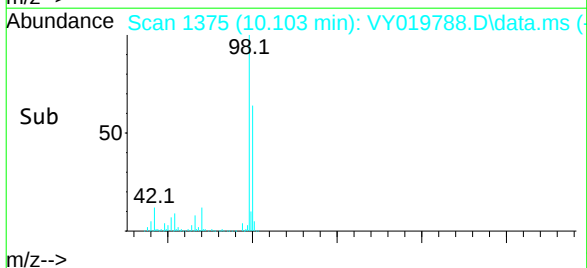
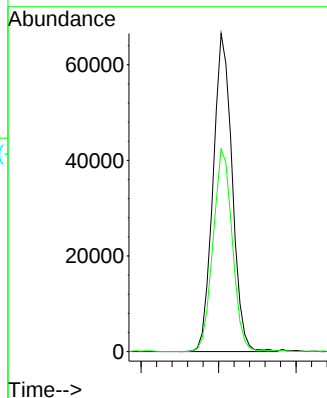
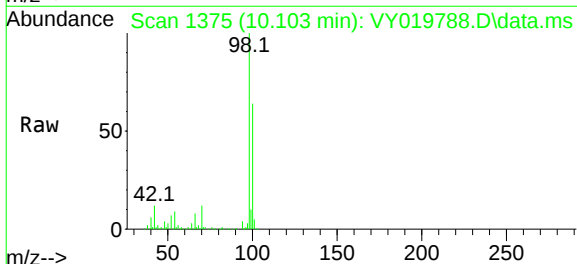
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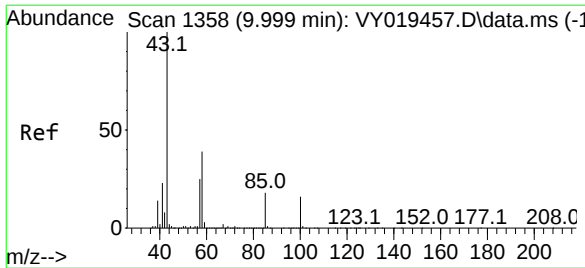
Tgt Ion: 98 Resp: 113720

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

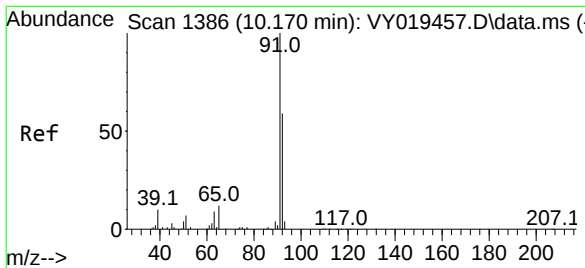
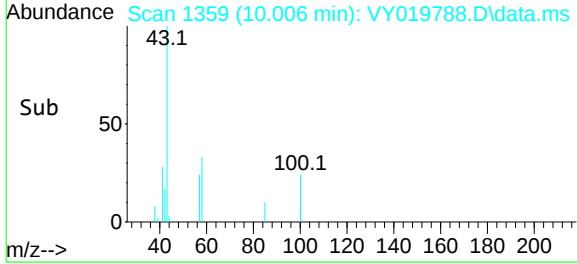
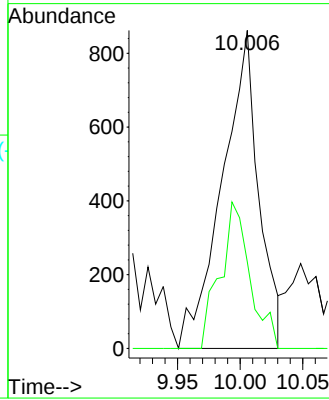
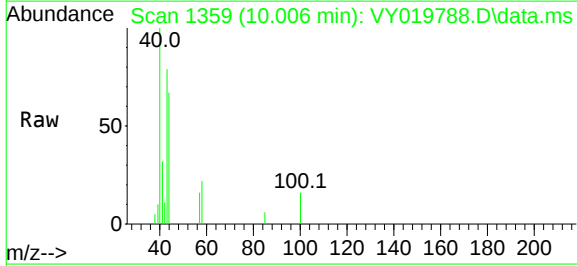




#51
4-Methyl-2-Pentanone
Concen: 4.008 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY019788.D
Acq: 03 Oct 2024 15:18

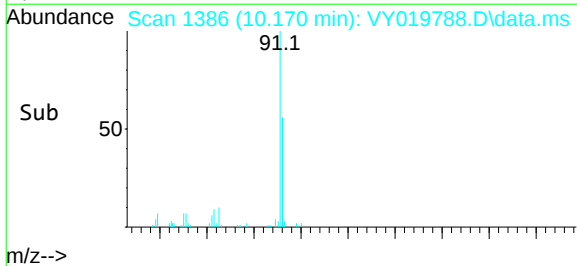
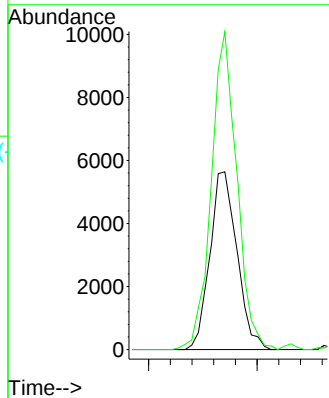
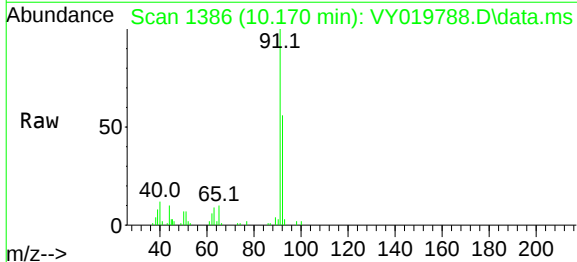
Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE-VOCRE

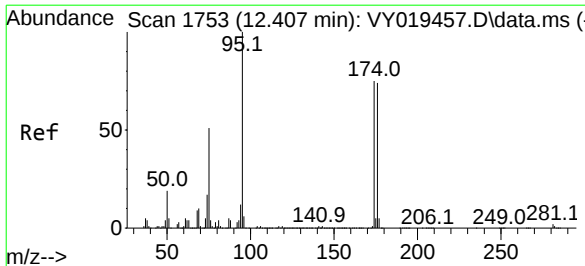
Tgt Ion: 43 Resp: 1751
Ion Ratio Lower Upper
43 100
58 37.7 35.7 53.5



#52
Toluene
Concen: 6.125 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019788.D
Acq: 03 Oct 2024 15:18

Tgt Ion: 92 Resp: 9788
Ion Ratio Lower Upper
92 100
91 168.9 139.0 208.6





#62

4-Bromofluorobenzene

Concen: 31.862 ug/l

RT: 12.402 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY019788.D

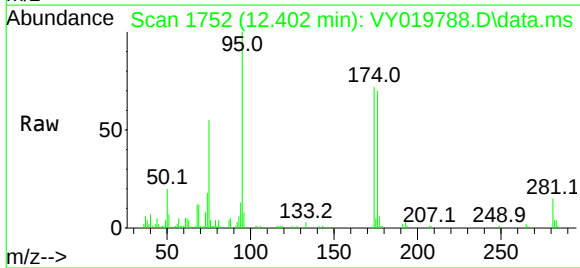
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Instrument :

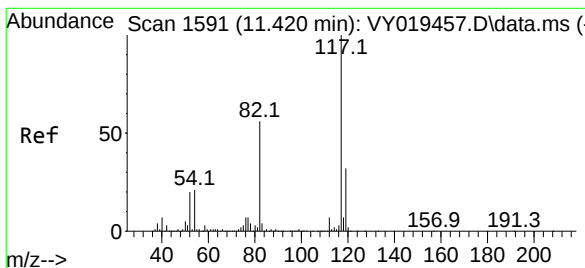
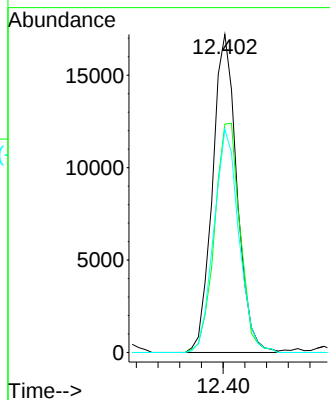
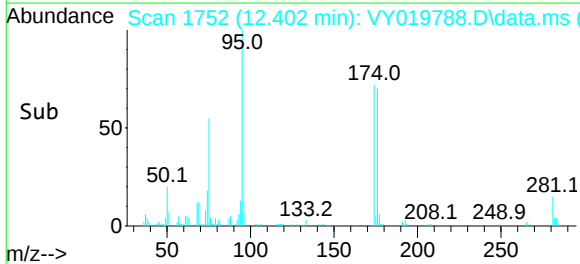
MSVOA_Y

ClientSampleId :

MH-147-SLUDGE-VOCRE



Tgt Ion:	95	Resp:	26865
Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	175.6
176	72.0	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

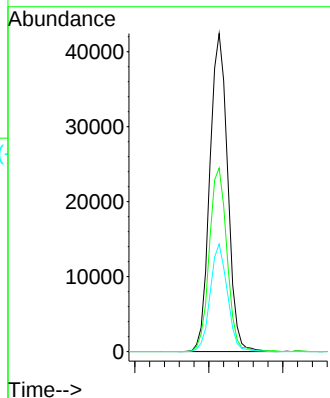
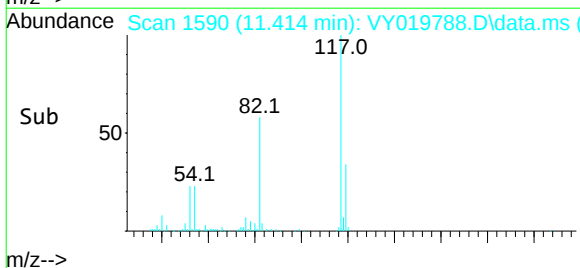
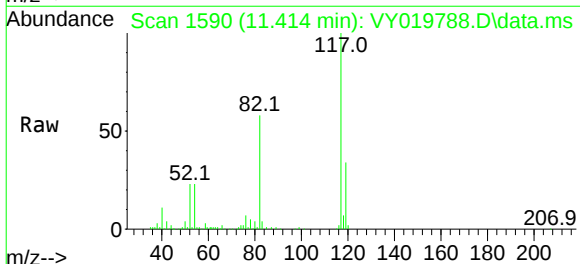
RT: 11.414 min Scan# 1590

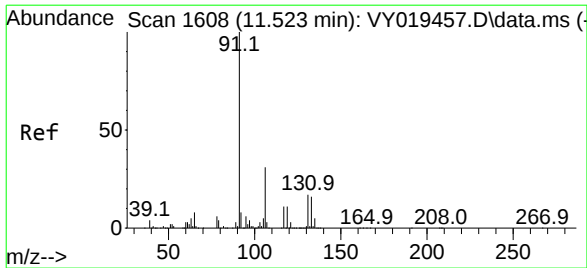
Delta R.T. -0.006 min

Lab File: VY019788.D

Acq: 03 Oct 2024 15:18

Tgt Ion:	117	Resp:	71040
Ion	Ratio	Lower	Upper
117	100		
82	57.7	42.4	63.6
119	33.8	25.9	38.9

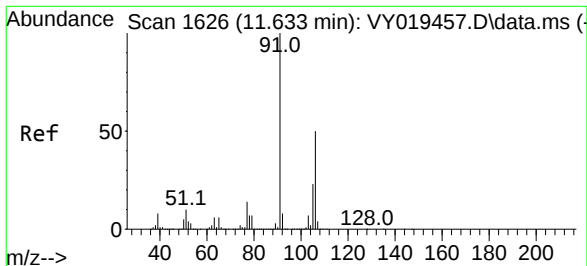
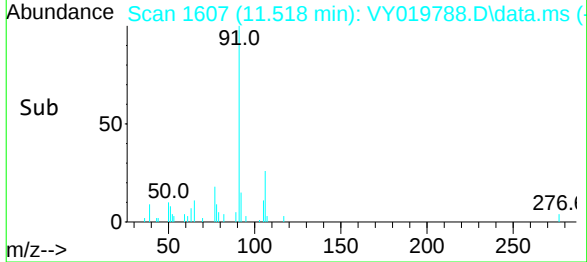
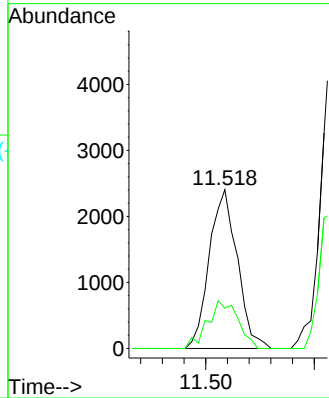
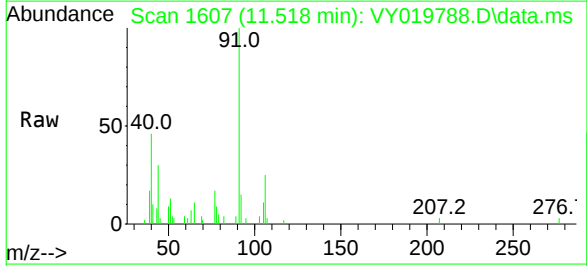




#67
Ethyl Benzene
Concen: 1.737 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019788.D
Acq: 03 Oct 2024 15:18

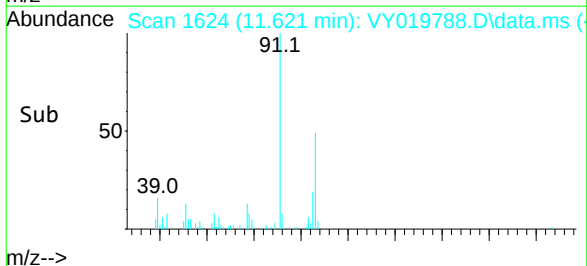
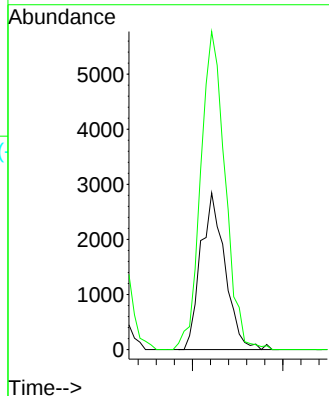
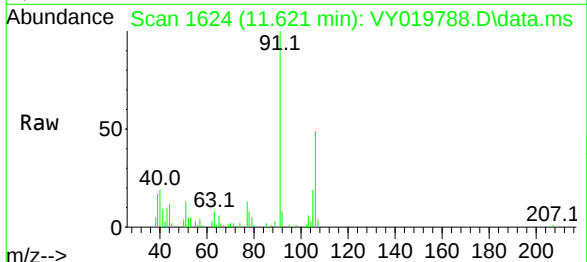
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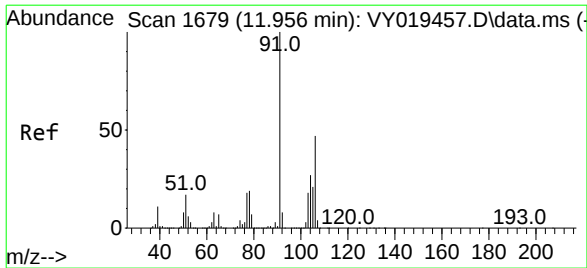
Tgt Ion: 91 Resp: 4312
Ion Ratio Lower Upper
91 100
106 25.3 24.5 36.7



#68
m/p-Xylenes
Concen: 5.672 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY019788.D
Acq: 03 Oct 2024 15:18

Tgt Ion: 106 Resp: 5325
Ion Ratio Lower Upper
106 100
91 204.3 156.0 234.0





#69

o-Xylene

Concen: 2.687 ug/l

RT: 11.950 min Scan# 1679

Delta R.T. -0.006 min

Lab File: VY019788.D

Acq: 03 Oct 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

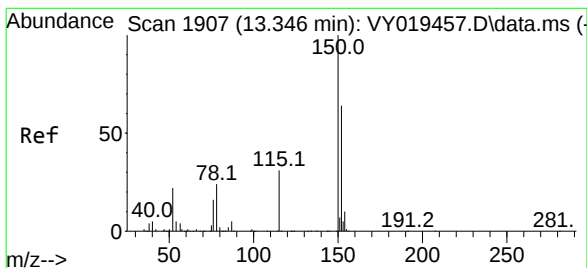
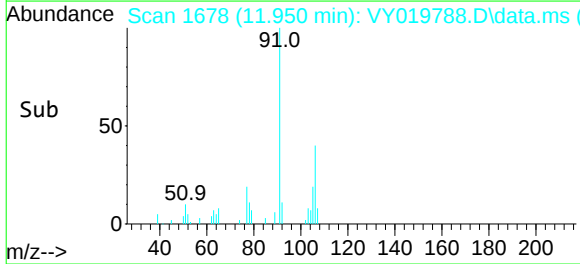
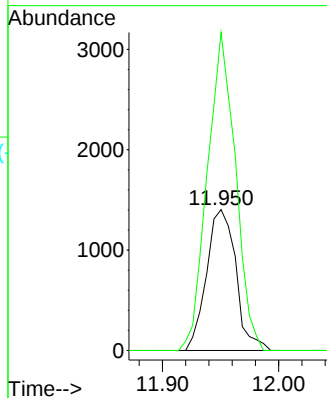
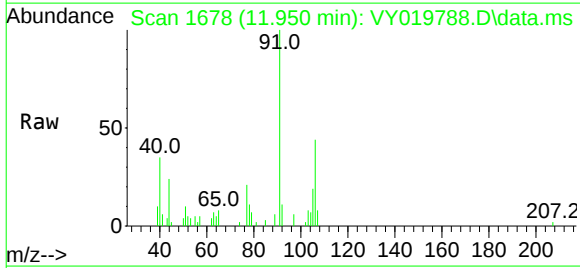
MH-147-SLUDGE-VOCRE

Tgt Ion:106 Resp: 2467

Ion Ratio Lower Upper

106 100

91 216.1 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019788.D

Acq: 03 Oct 2024 15:18

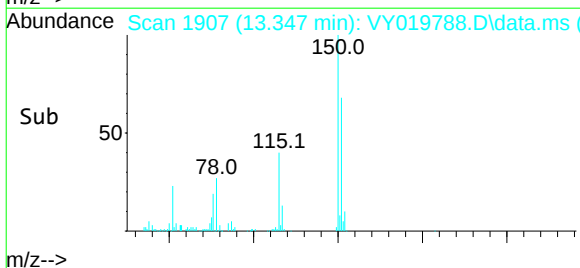
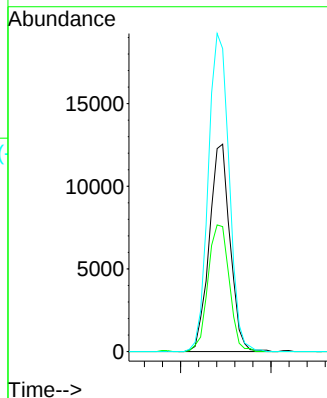
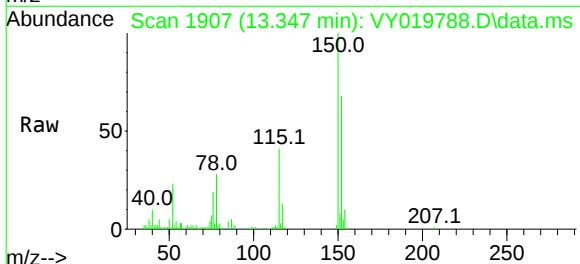
Tgt Ion:152 Resp: 19993

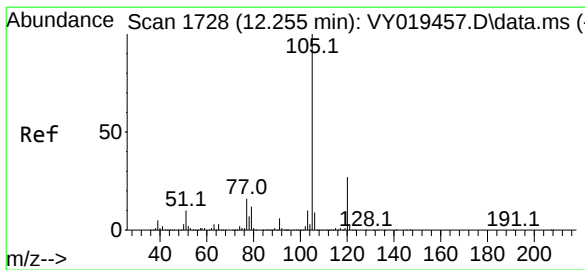
Ion Ratio Lower Upper

152 100

115 62.5 28.2 84.7

150 154.1 0.0 345.6





#73

Isopropylbenzene

Concen: 1.937 ug/l

RT: 12.249 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY019788.D

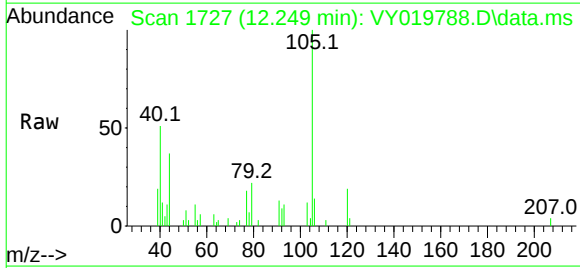
Acq: 03 Oct 2024 15:18

Instrument :

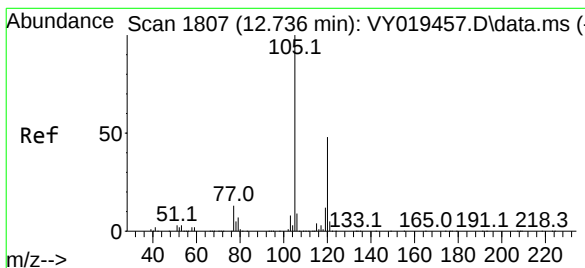
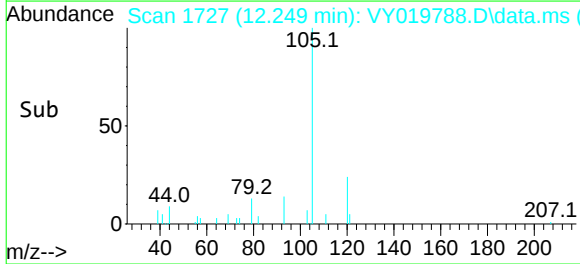
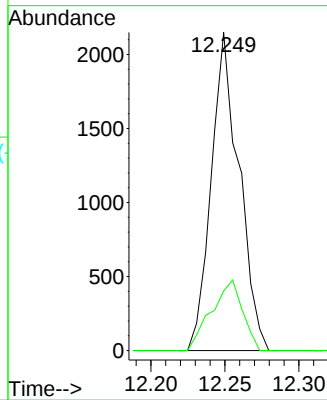
MSVOA_Y

ClientSampleId :

MH-147-SLUDGE-VOCRE



Tgt Ion:105 Resp: 2809
Ion Ratio Lower Upper
105 100
120 24.7 13.4 40.1



#80

1,3,5-Trimethylbenzene

Concen: 1.797 ug/l

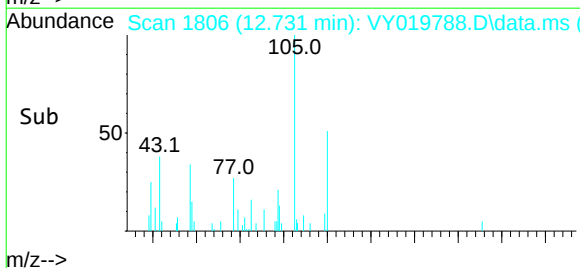
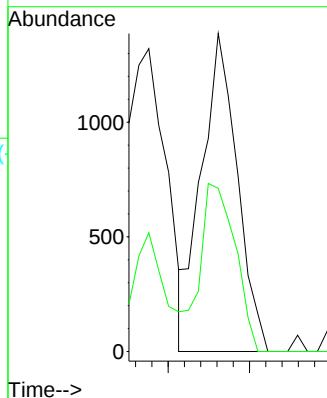
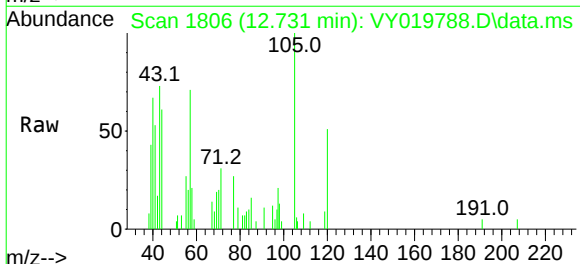
RT: 12.731 min Scan# 1806

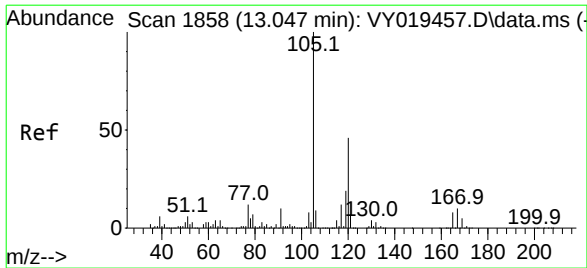
Delta R.T. -0.006 min

Lab File: VY019788.D

Acq: 03 Oct 2024 15:18

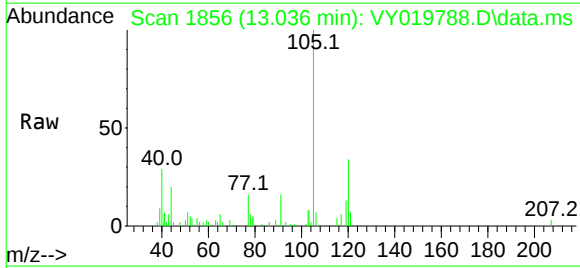
Tgt Ion:105 Resp: 2119
Ion Ratio Lower Upper
105 100
120 52.4 25.1 75.2





#84
 1,2,4-Trimethylbenzene
 Concen: 5.617 ug/l
 RT: 13.036 min Scan# 18
 Delta R.T. -0.012 min
 Lab File: VY019788.D
 Acq: 03 Oct 2024 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-147-SLUDGE-VOCRE



Tgt Ion:105 Resp: 6556
 Ion Ratio Lower Upper
 105 100
 120 39.2 23.2 69.6

