

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019787.D
 Acq On : 03 Oct 2024 14:54
 Operator : SY/MD
 Sample : P4254-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-147-SLUDGE

Quant Time: Oct 04 01:28:38 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	98483	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	168592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	130616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	43698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	49573	54.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.720%
35) Dibromofluoromethane	7.634	113	49630	51.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.840%
50) Toluene-d8	10.103	98	191169	54.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.140%
62) 4-Bromofluorobenzene	12.402	95	53171	39.112	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.220%

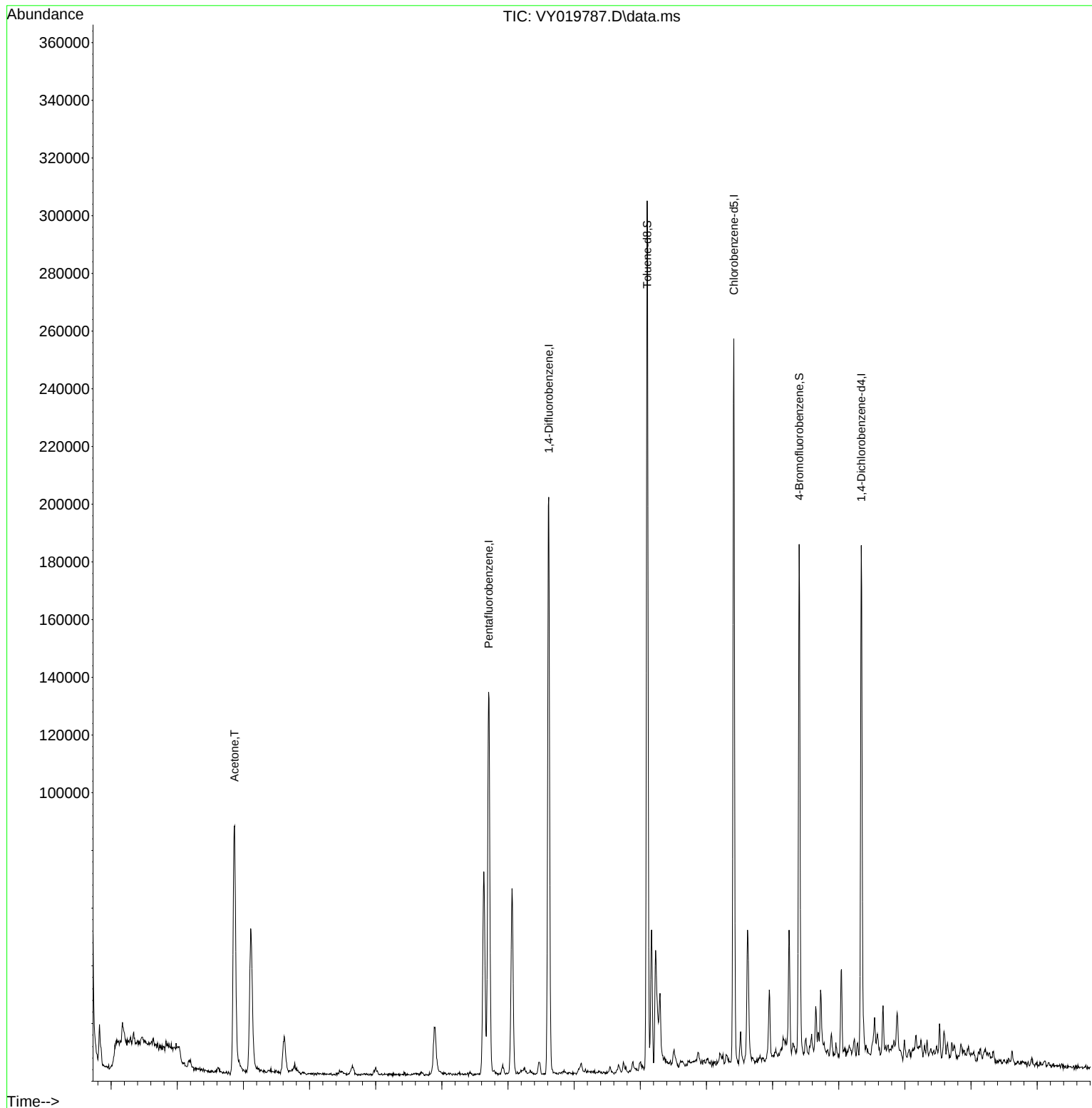
Target Compounds						Qvalue
16) Acetone	3.866	43	152055	699.895	ug/l	# 84
20) Methylene Chloride	4.616	84	9148	9.233	ug/l	86
51) 4-Methyl-2-Pentanone	10.000	43	2264	3.214	ug/l	96
52) Toluene	10.170	92	19488	7.564	ug/l	99
67) Ethyl Benzene	11.518	91	7550	1.654	ug/l	99
68) m/p-Xylenes	11.621	106	12605	7.302	ug/l	90
69) o-Xylene	11.950	106	5931	3.513	ug/l	97
73) Isopropylbenzene	12.249	105	25001	7.886	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	4076	1.582	ug/l	78
84) 1,2,4-Trimethylbenzene	13.036	105	16071	6.300	ug/l	99

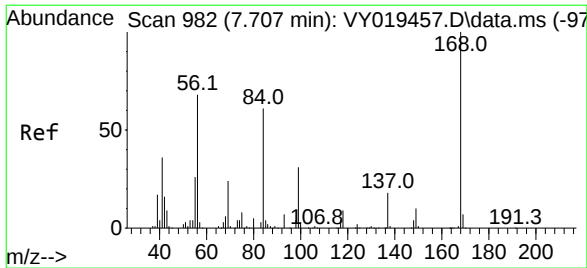
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
Data File : VY019787.D
Acq On : 03 Oct 2024 14:54
Operator : SY/MD
Sample : P4254-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE

Quant Time: Oct 04 01:28:38 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

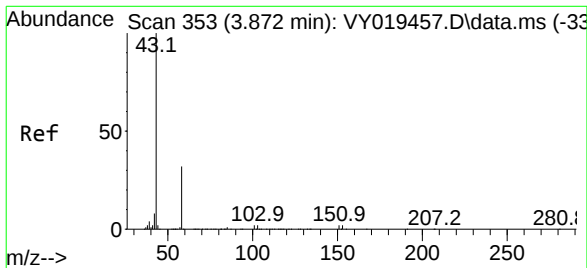
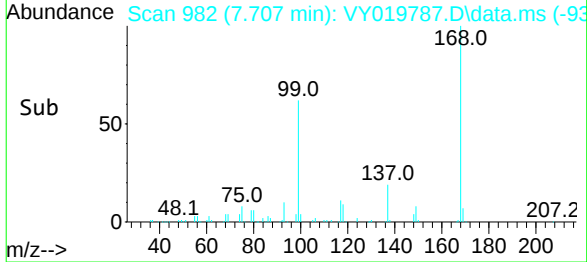
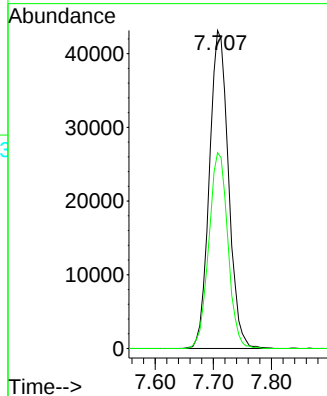
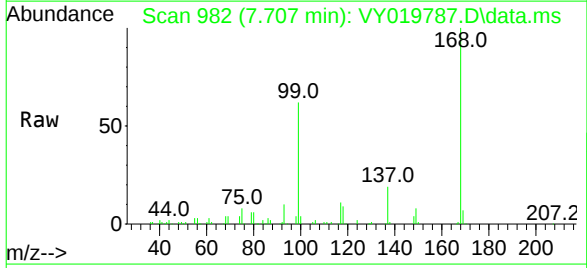




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019787.D
Acq: 03 Oct 2024 14:54

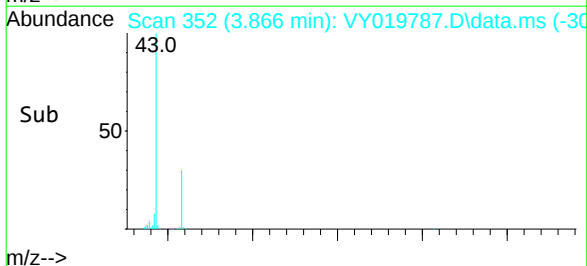
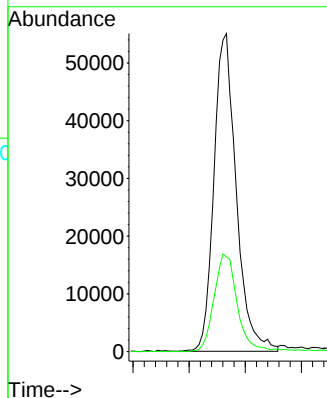
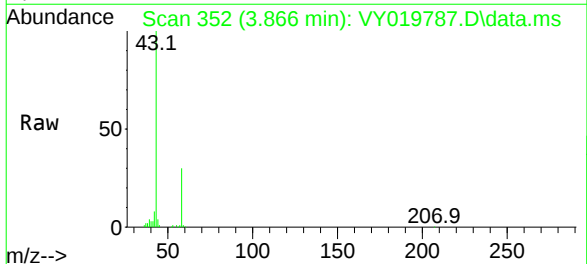
Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE

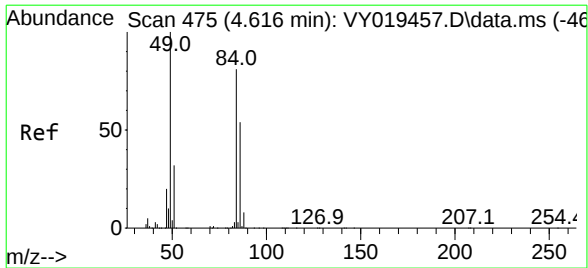
Tgt Ion:168 Resp: 98483
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#16
Acetone
Concen: 699.895 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019787.D
Acq: 03 Oct 2024 14:54

Tgt Ion: 43 Resp: 152055
Ion Ratio Lower Upper
43 100
58 29.8 31.7 47.5#

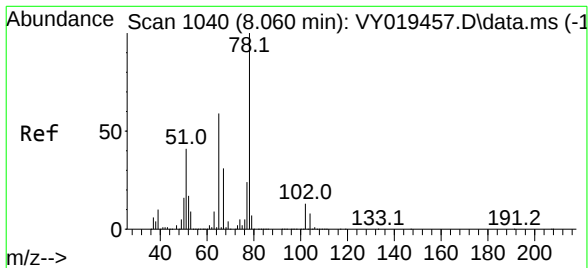
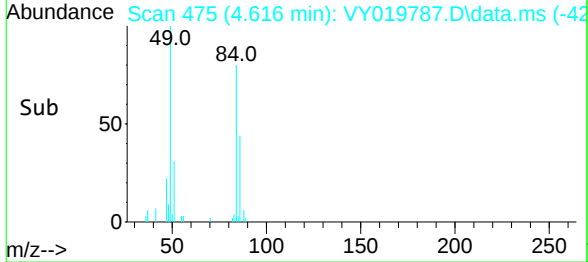
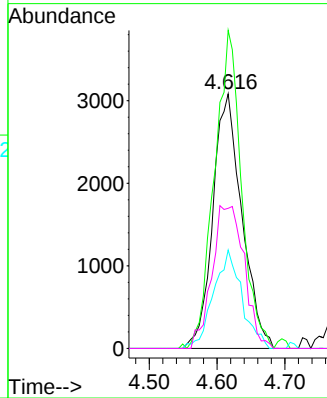
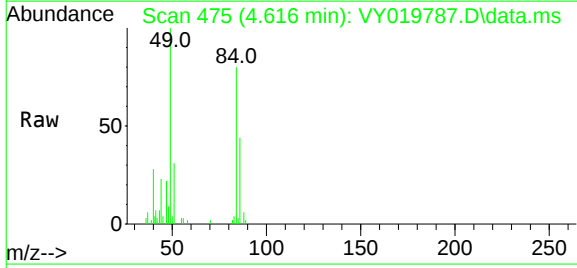




#20
Methylene Chloride
Concen: 9.233 ug/l
RT: 4.616 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY019787.D
Acq: 03 Oct 2024 14:54

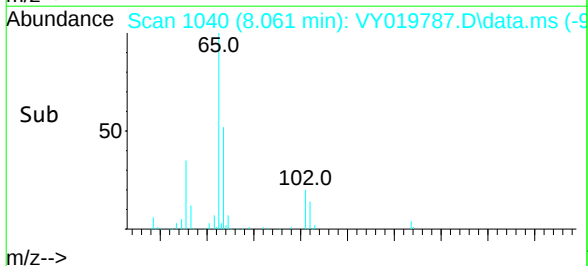
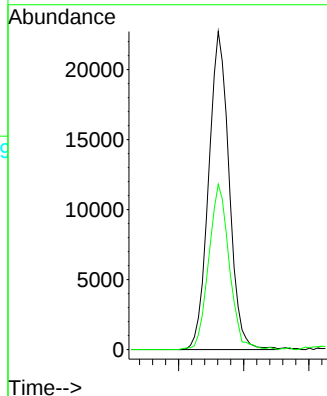
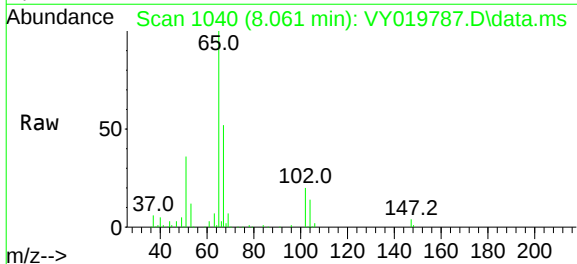
Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE

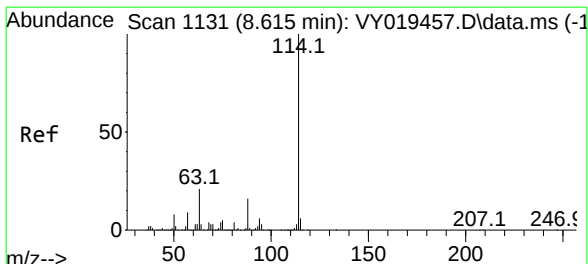
Tgt Ion:	84	Resp:	9148
Ion	Ratio	Lower	Upper
84	100		
49	124.9	84.4	126.6
51	38.7	26.0	39.0
86	55.0	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 54.361 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019787.D
Acq: 03 Oct 2024 14:54

Tgt Ion:	65	Resp:	49573
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	109.6

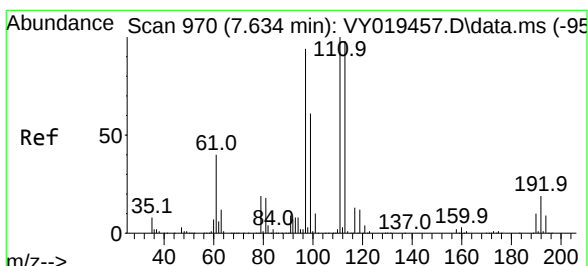
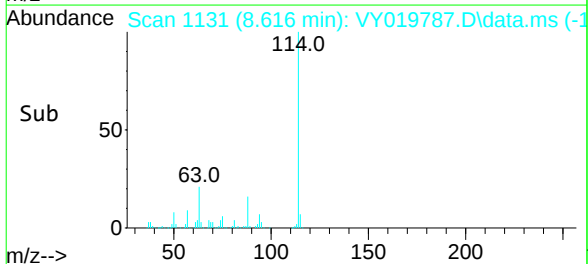
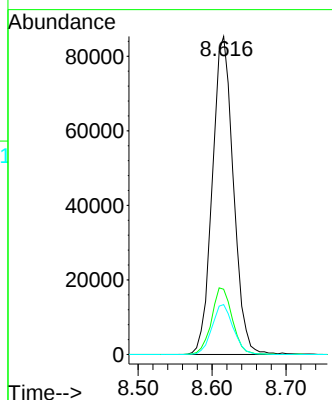
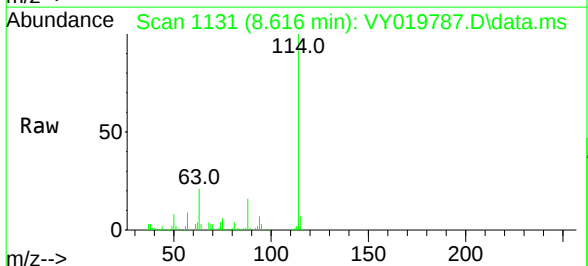




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019787.D
Acq: 03 Oct 2024 14:54

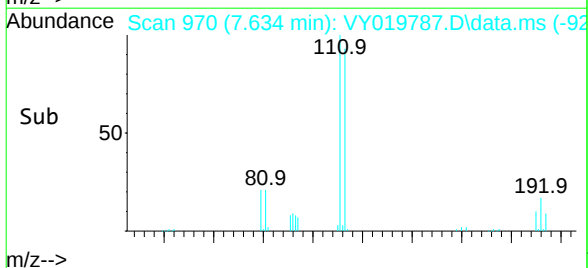
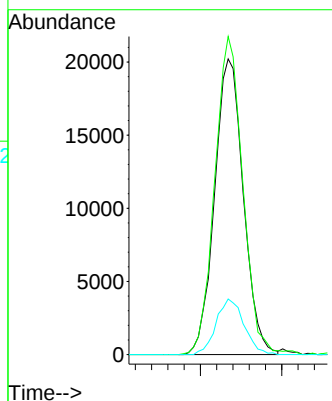
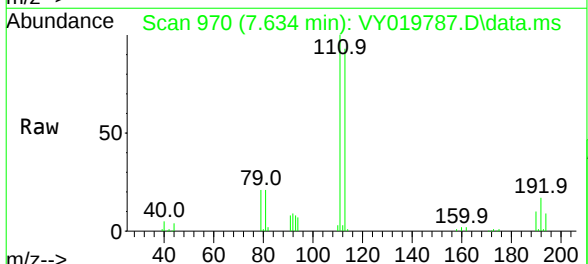
Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE

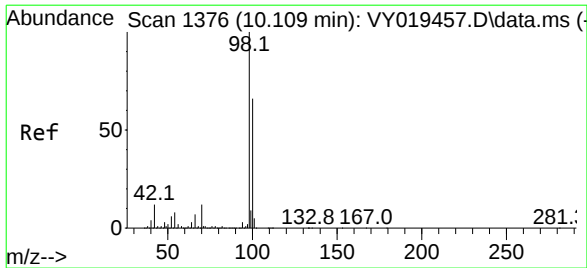
Tgt Ion:	114	Resp:	168592
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	35.0
88	15.7	0.0	27.2



#35
Dibromofluoromethane
Concen: 51.920 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019787.D
Acq: 03 Oct 2024 14:54

Tgt Ion:	113	Resp:	49630
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	18.2	15.9	23.9





#50

Toluene-d8

Concen: 54.070 ug/l

RT: 10.103 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY019787.D

Acq: 03 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

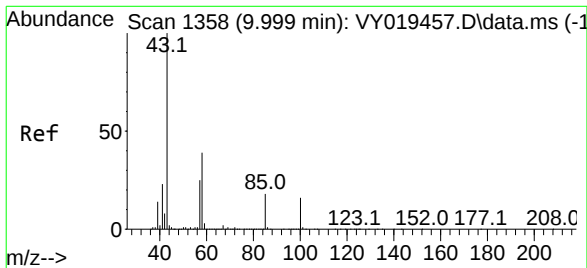
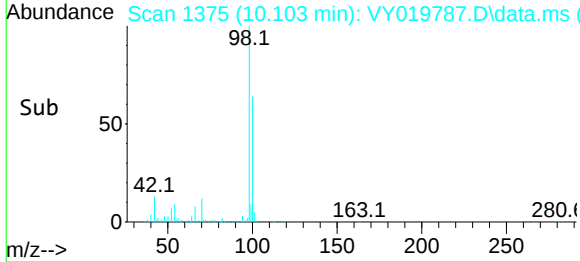
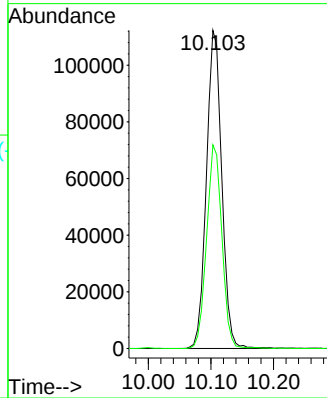
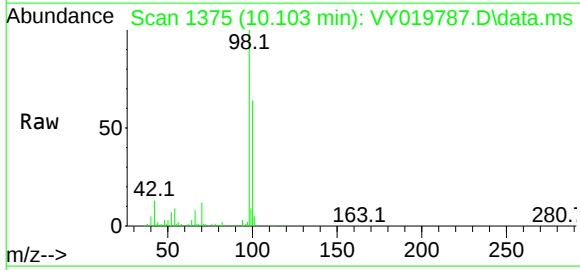
MH-147-SLUDGE

Tgt Ion: 98 Resp: 191169

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 3.214 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019787.D

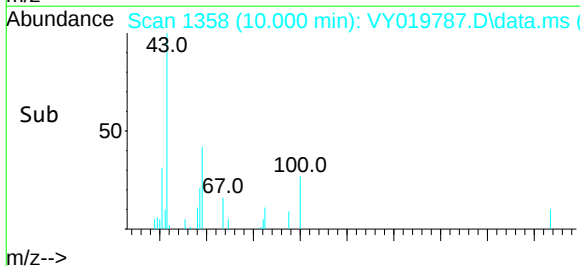
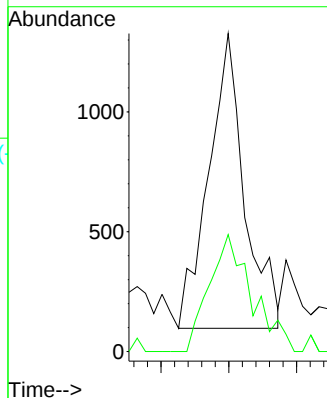
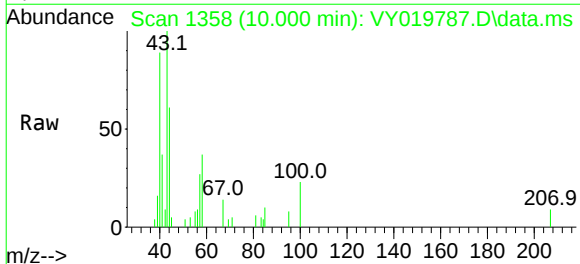
Acq: 03 Oct 2024 14:54

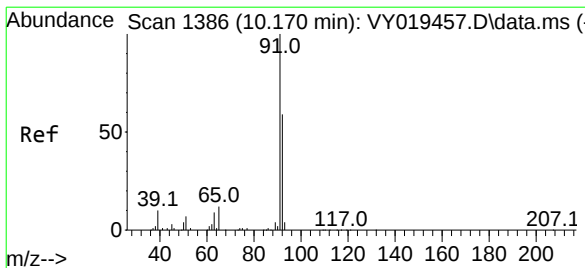
Tgt Ion: 43 Resp: 2264

Ion Ratio Lower Upper

43 100

58 47.1 35.7 53.5





#52

Toluene

Concen: 7.564 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019787.D

Acq: 03 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

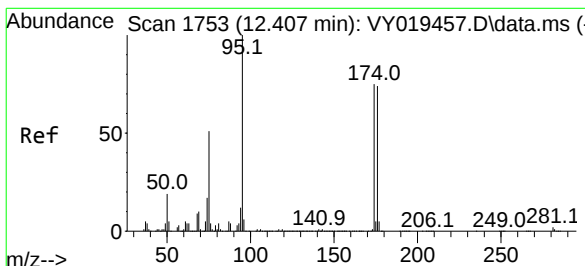
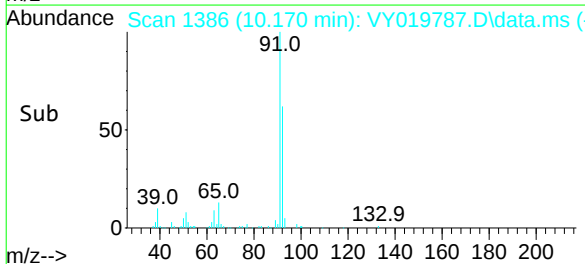
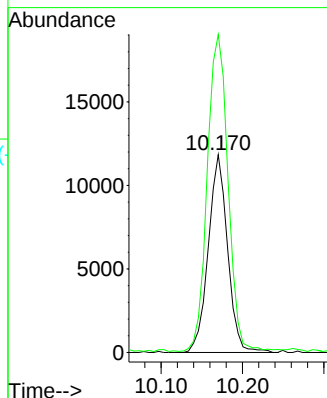
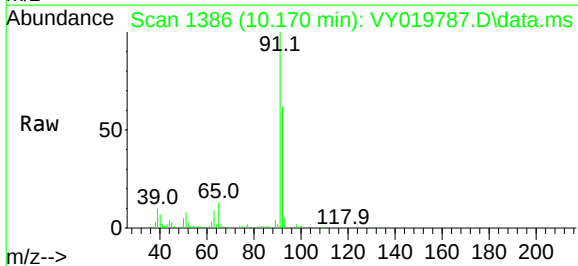
MH-147-SLUDGE

Tgt Ion: 92 Resp: 19488

Ion Ratio Lower Upper

92 100

91 172.3 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 39.112 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019787.D

Acq: 03 Oct 2024 14:54

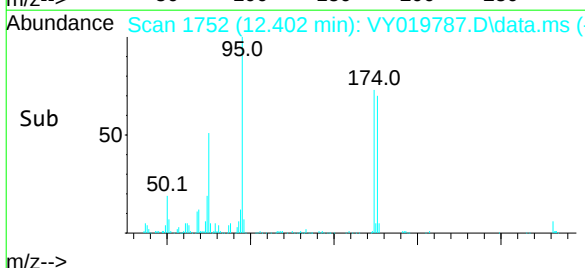
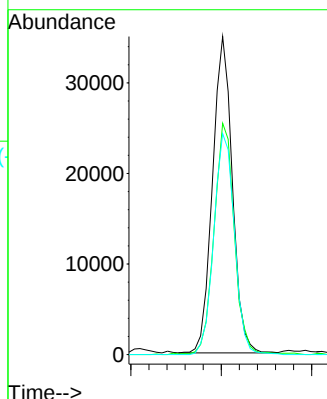
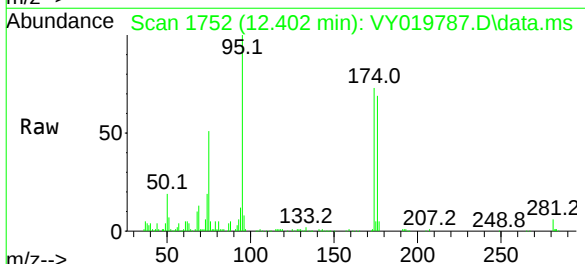
Tgt Ion: 95 Resp: 53171

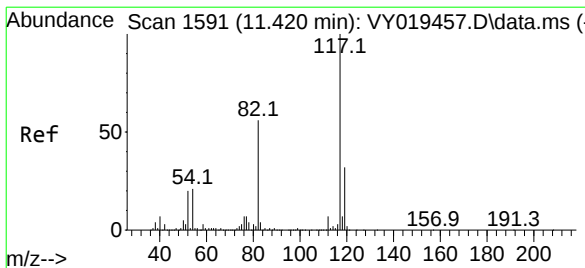
Ion Ratio Lower Upper

95 100

174 74.8 0.0 175.6

176 72.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019787.D

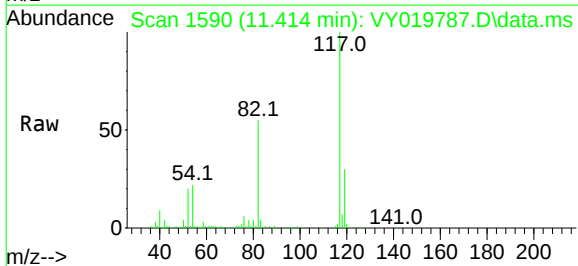
Acq: 03 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

MH-147-SLUDGE



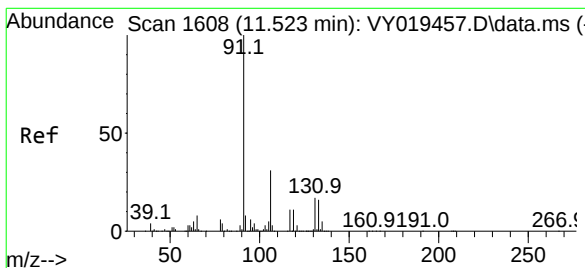
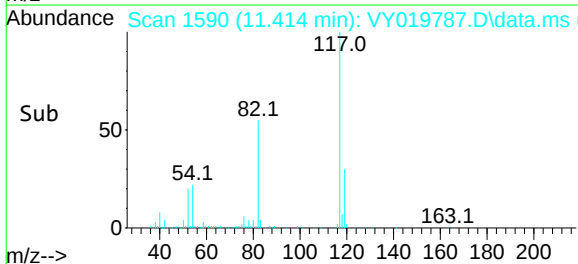
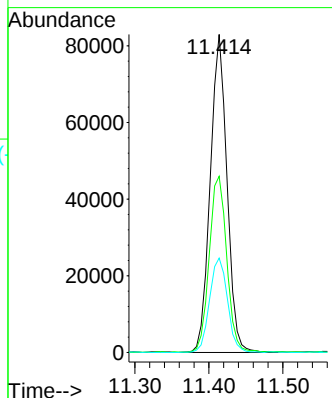
Tgt Ion:117 Resp: 130616

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

117	100		
-----	-----	--	--

82	55.3	42.4	63.6
----	------	------	------

119	29.7	25.9	38.9
-----	------	------	------



#67

Ethyl Benzene

Concen: 1.654 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019787.D

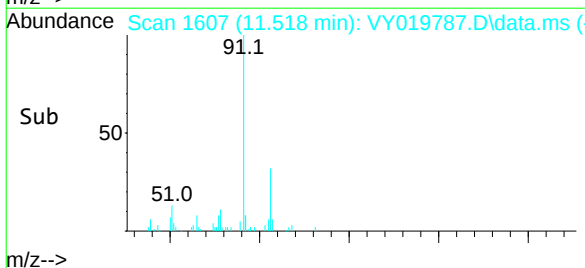
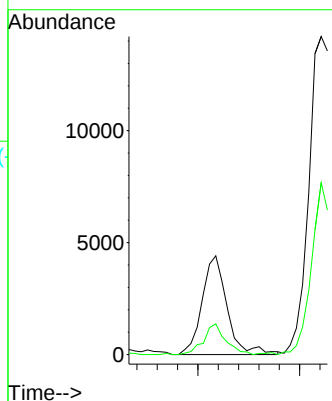
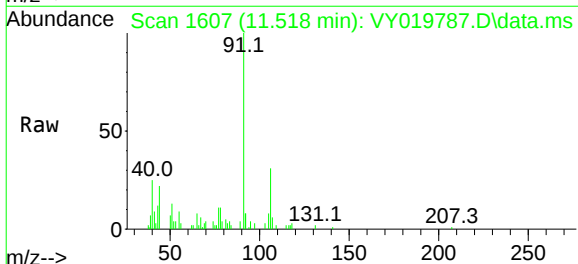
Acq: 03 Oct 2024 14:54

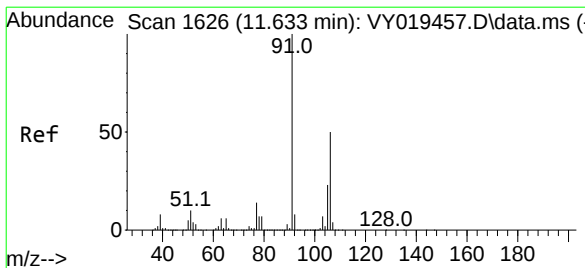
Tgt Ion: 91 Resp: 7550

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

91	100		
----	-----	--	--

106	31.1	24.5	36.7
-----	------	------	------

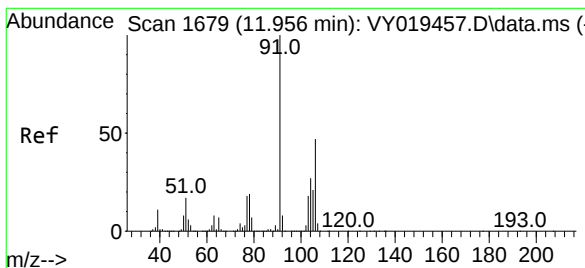
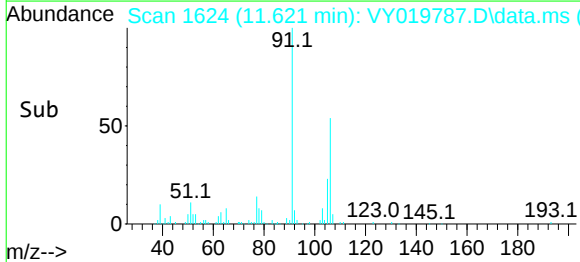
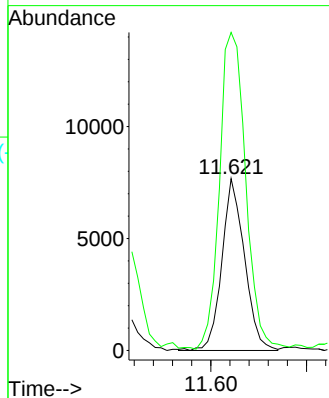
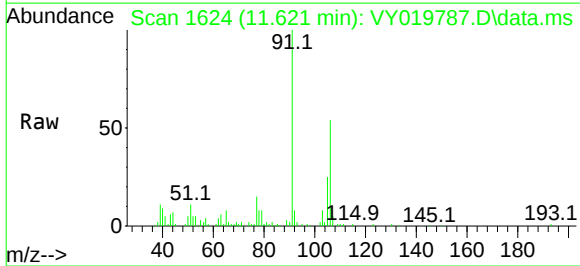




#68
m/p-Xylenes
Concen: 7.302 ug/l
RT: 11.621 min Scan# 1626
Delta R.T. -0.012 min
Lab File: VY019787.D
Acq: 03 Oct 2024 14:54

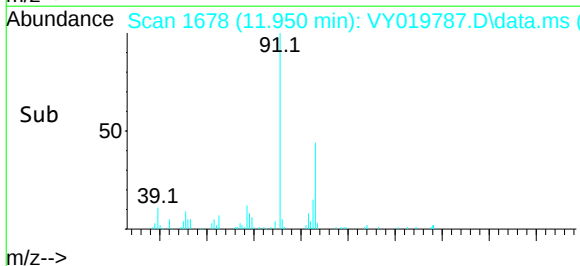
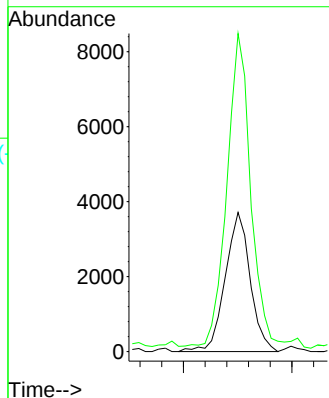
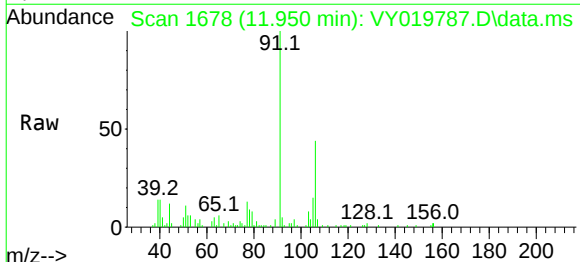
Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE

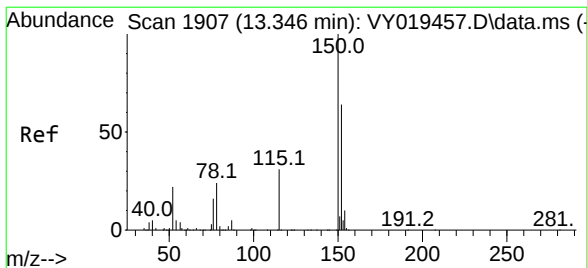
Tgt Ion:106 Resp: 12605
Ion Ratio Lower Upper
106 100
91 210.5 156.0 234.0



#69
o-Xylene
Concen: 3.513 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019787.D
Acq: 03 Oct 2024 14:54

Tgt Ion:106 Resp: 5931
Ion Ratio Lower Upper
106 100
91 211.8 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019787.D

Acq: 03 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

MH-147-SLUDGE

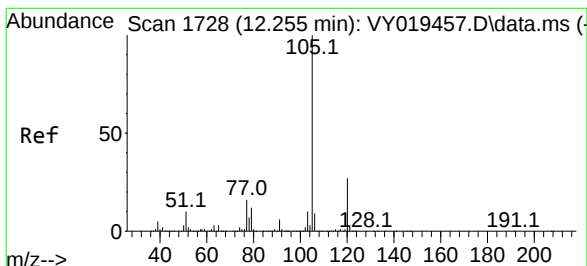
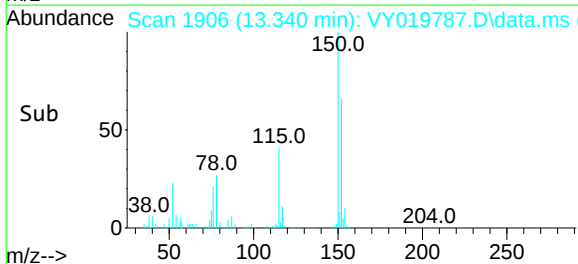
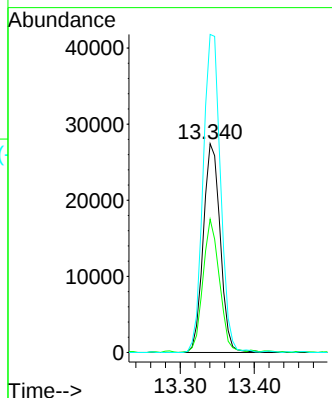
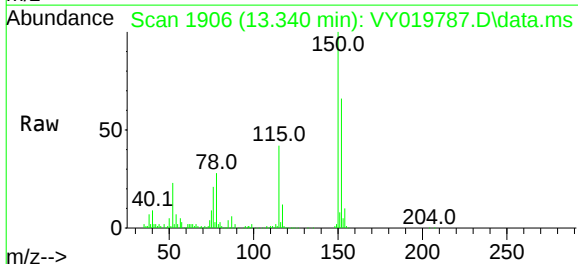
Tgt Ion:152 Resp: 43698

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 156.2 0.0 345.6



#73

Isopropylbenzene

Concen: 7.886 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY019787.D

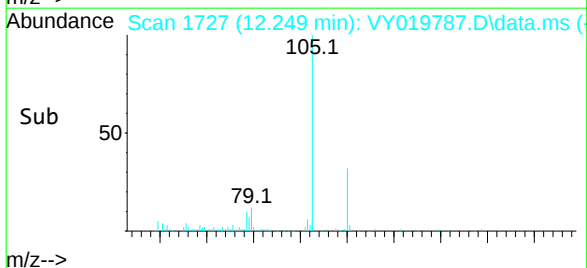
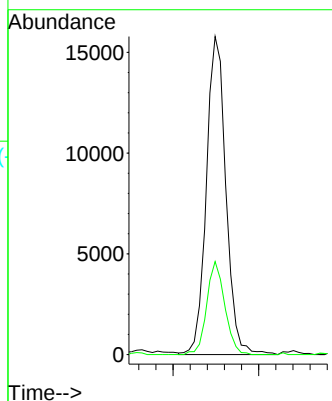
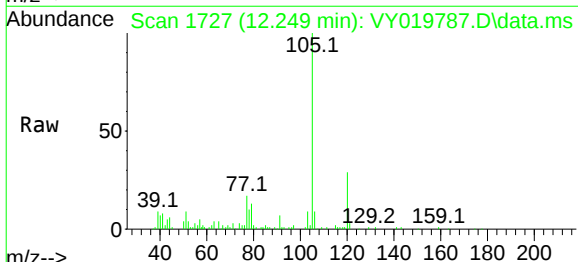
Acq: 03 Oct 2024 14:54

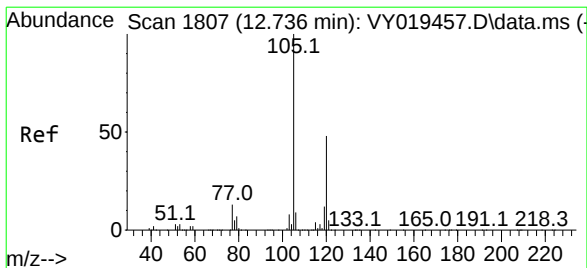
Tgt Ion:105 Resp: 25001

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1





#80

1,3,5-Trimethylbenzene

Concen: 1.582 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019787.D

Acq: 03 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

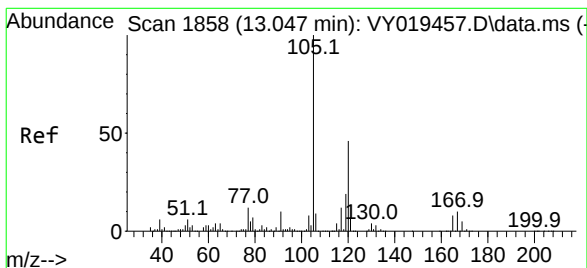
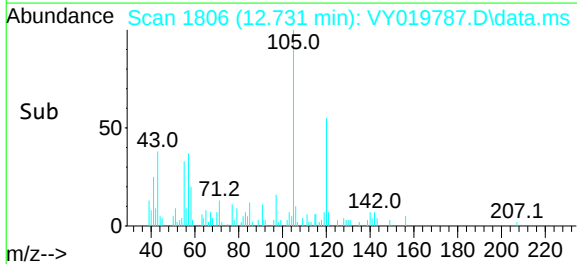
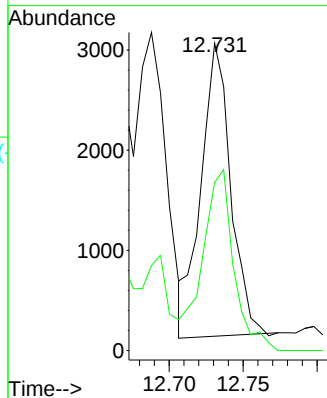
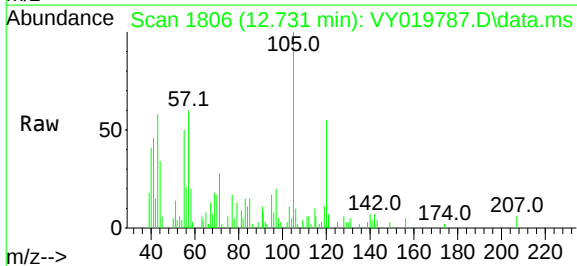
MH-147-SLUDGE

Tgt Ion:105 Resp: 4076

Ion Ratio Lower Upper

105 100

120 65.0 25.1 75.2



#84

1,2,4-Trimethylbenzene

Concen: 6.300 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.012 min

Lab File: VY019787.D

Acq: 03 Oct 2024 14:54

Tgt Ion:105 Resp: 16071

Ion Ratio Lower Upper

105 100

120 45.5 23.2 69.6

