

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018523.D
 Acq On : 07 Jun 2024 13:35
 Operator : SY/MD
 Sample : P2763-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-SLUDGE

Quant Time: Jun 07 23:11:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

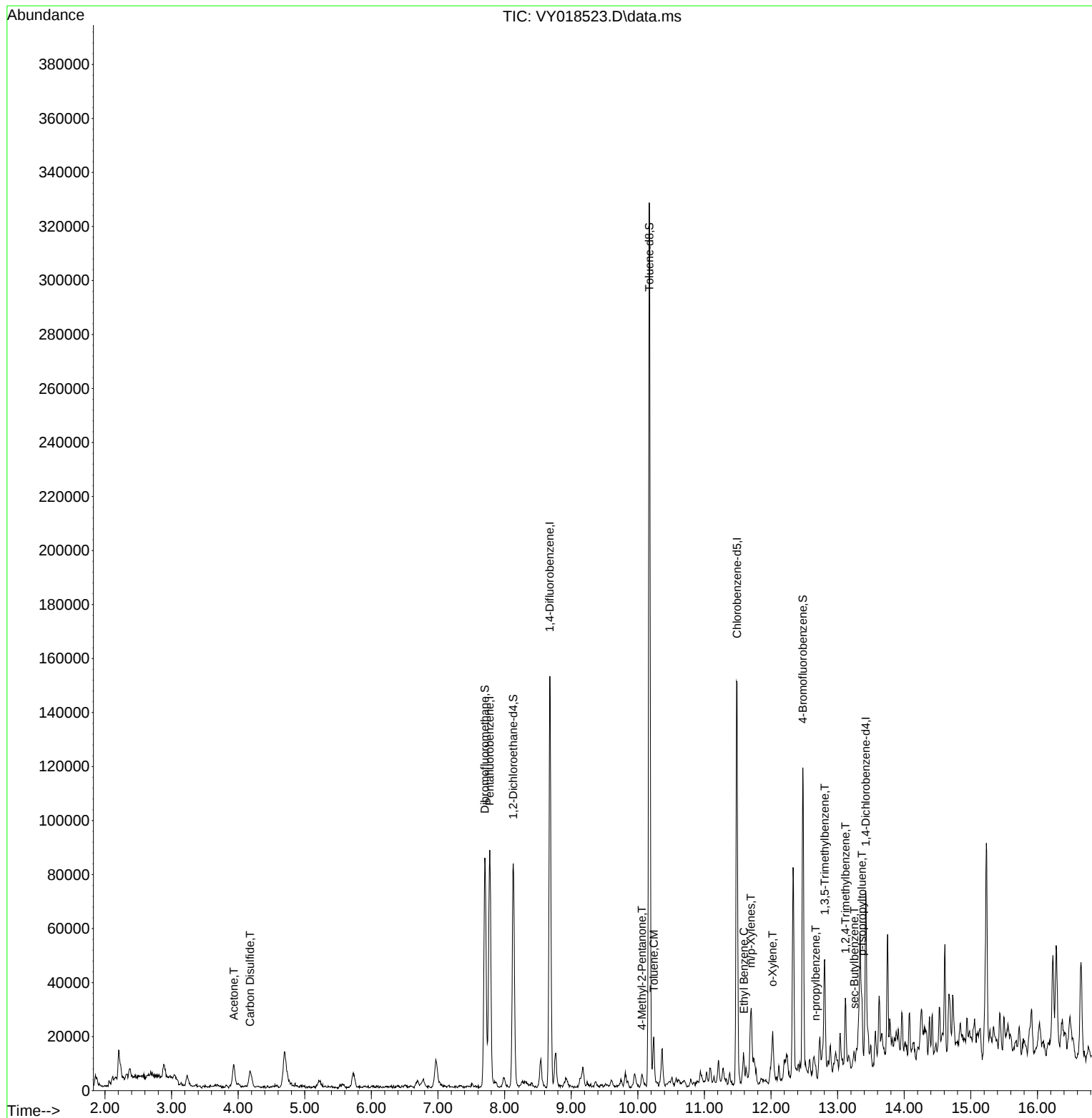
Internal Standards						
1) Pentafluorobenzene	7.777	168	60261	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	121658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	77601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60548	51.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.320%	
35) Dibromofluoromethane	7.704	113	58080	37.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 75.300%	
50) Toluene-d8	10.173	98	202334	32.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 65.940%	
62) 4-Bromofluorobenzene	12.477	95	33439	17.499	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 35.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	14623	55.672	ug/l	# 83
17) Carbon Disulfide	4.180	76	8647	2.332	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	3199	2.804	ug/l	# 82
52) Toluene	10.240	92	6511	1.502	ug/l	95
67) Ethyl Benzene	11.593	91	6191	1.022	ug/l	89
68) m/p-Xylenes	11.697	106	6832	2.995	ug/l	97
69) o-Xylene	12.026	106	4051	1.845	ug/l	95
78) n-propylbenzene	12.672	91	3354	1.880	ug/l	91
80) 1,3,5-Trimethylbenzene	12.806	105	6212	5.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	13212	11.658	ug/l	100
85) sec-Butylbenzene	13.251	105	2240	1.421	ug/l	# 75
86) p-Isopropyltoluene	13.367	119	9901	7.782	ug/l	# 79

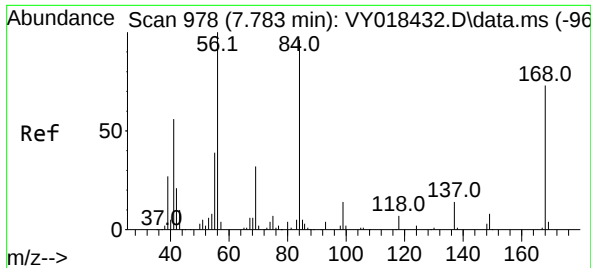
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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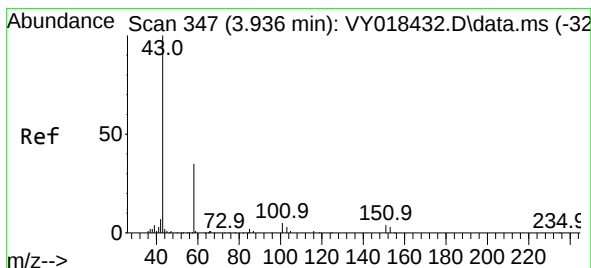
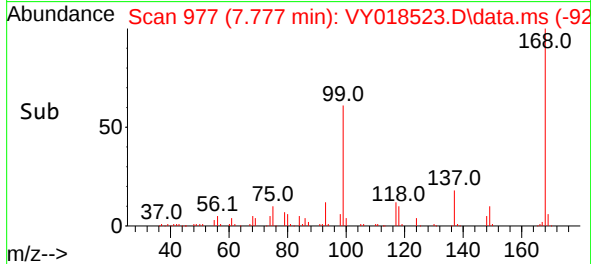
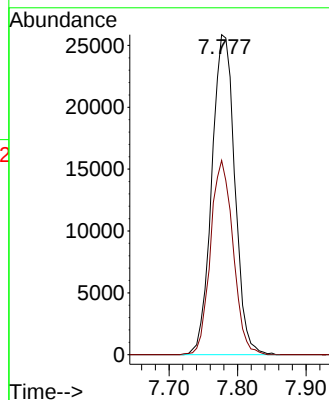
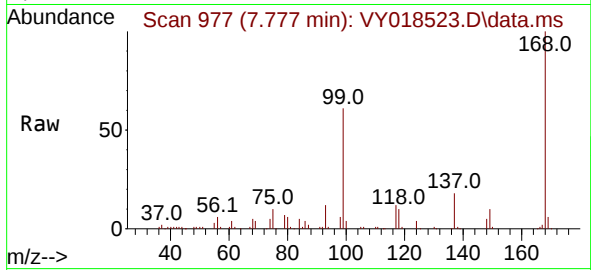




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

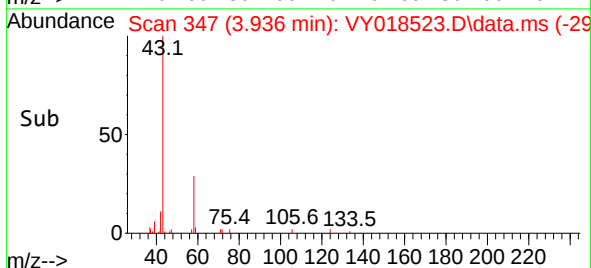
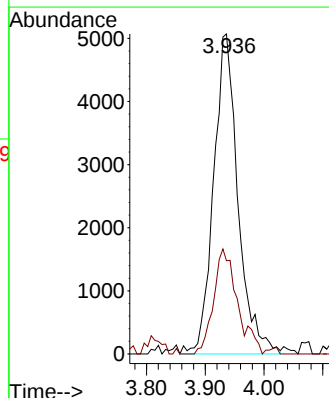
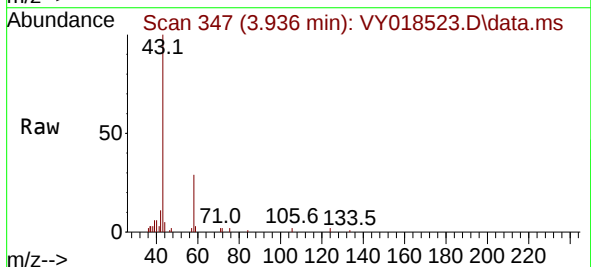
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGE

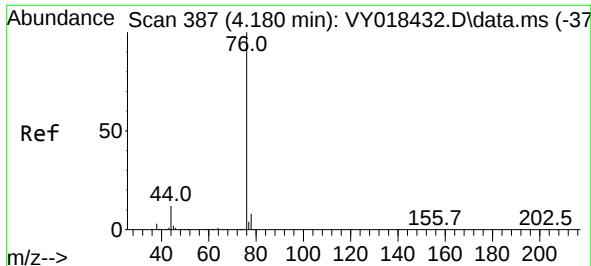
Tgt Ion:168 Resp: 60261
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#16
Acetone
Concen: 55.672 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

Tgt Ion: 43 Resp: 14623
Ion Ratio Lower Upper
43 100
58 29.1 31.7 47.5#

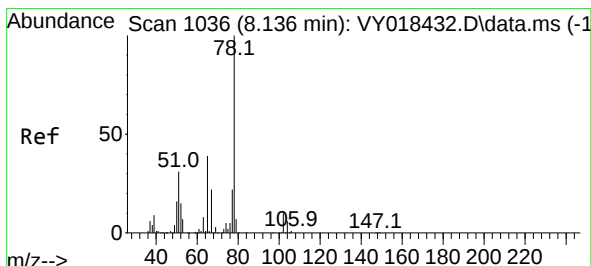
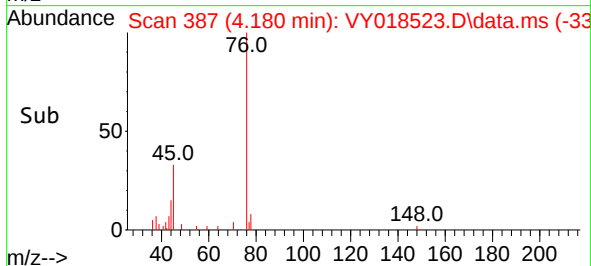
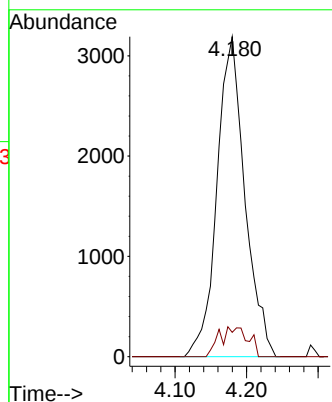
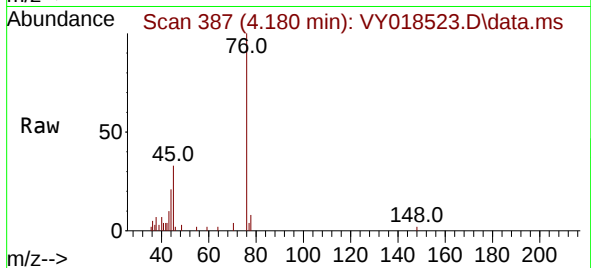




#17
Carbon Disulfide
Concen: 2.332 ug/l
RT: 4.180 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

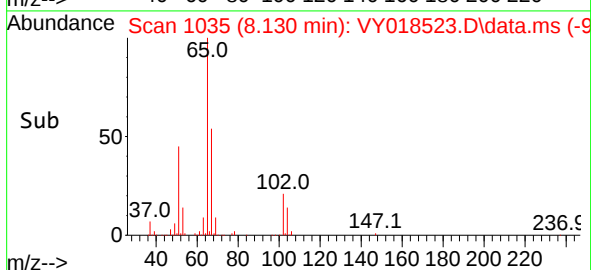
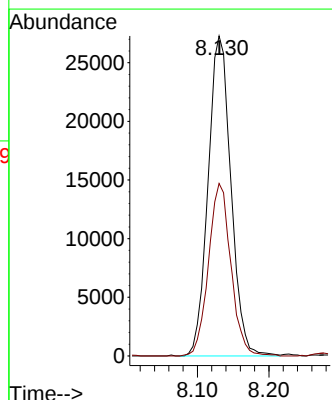
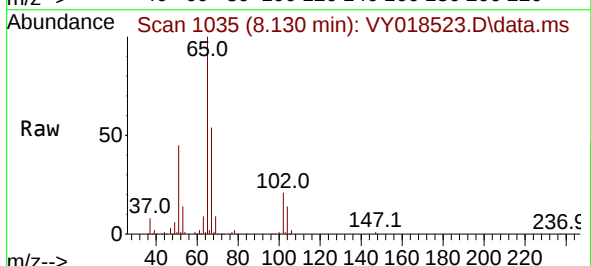
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGE

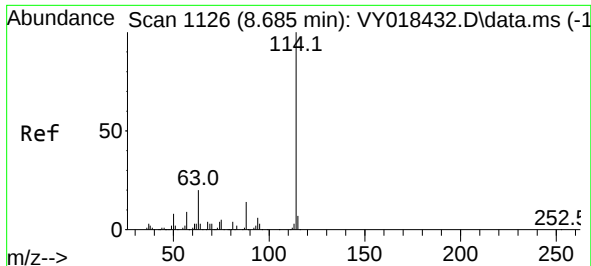
Tgt Ion: 76 Resp: 8647
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 51.163 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

Tgt Ion: 65 Resp: 60548
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018523.D

Acq: 07 Jun 2024 13:35

Instrument :

MSVOA_Y

ClientSampleId :

MH-SLUDGE

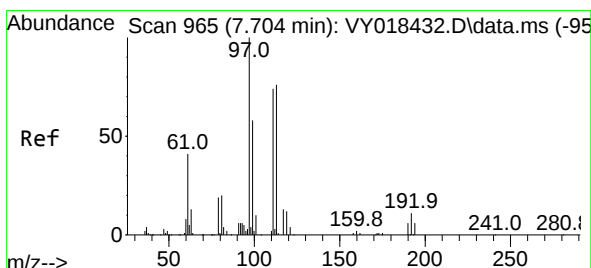
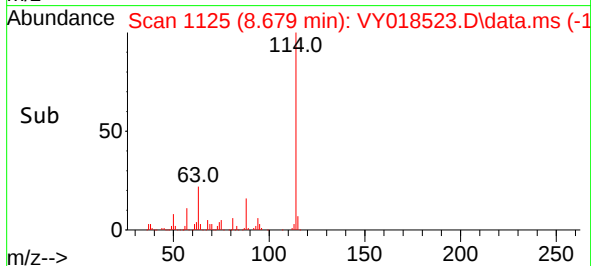
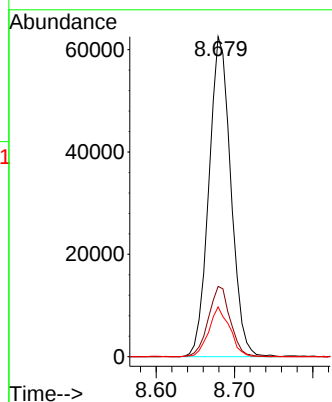
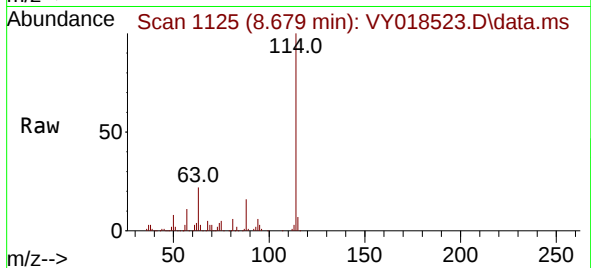
Tgt Ion:114 Resp: 121658

Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 37.648 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018523.D

Acq: 07 Jun 2024 13:35

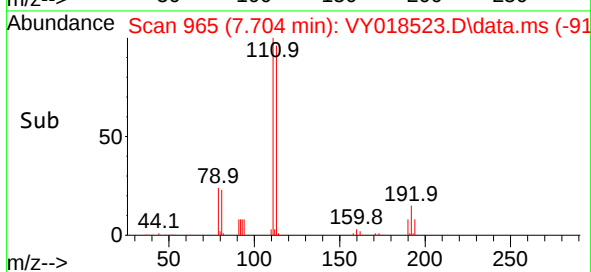
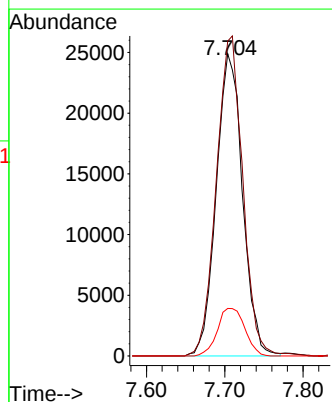
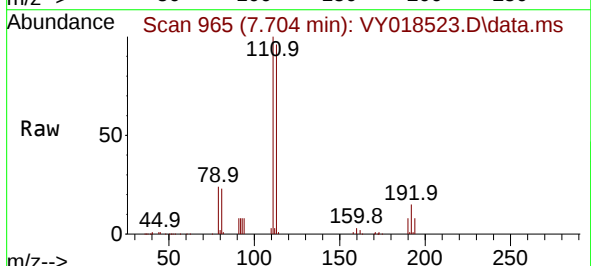
Tgt Ion:113 Resp: 58080

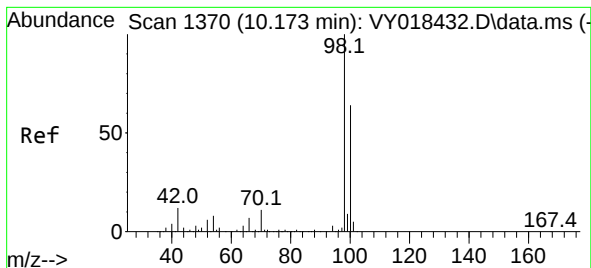
Ion Ratio Lower Upper

113 100

111 106.5 82.2 123.4

192 16.4 15.9 23.9

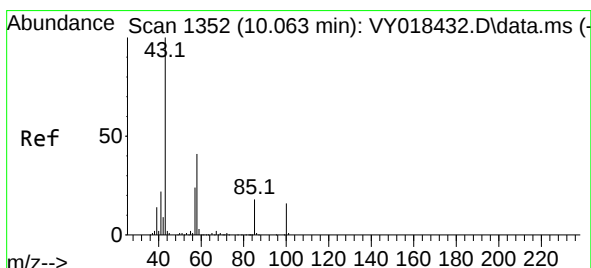
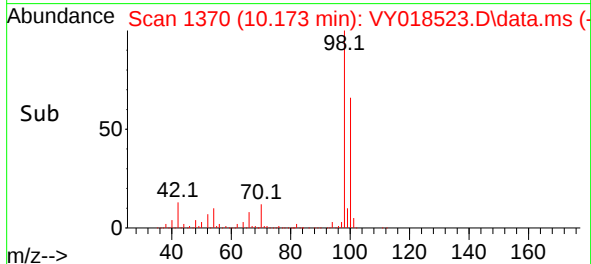
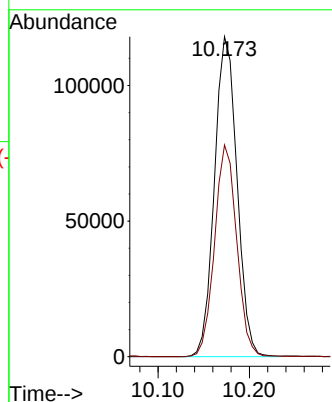
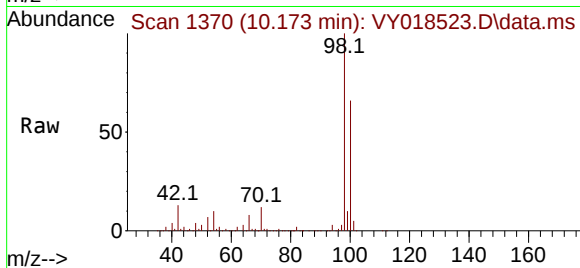




#50
Toluene-d8
Concen: 32.968 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

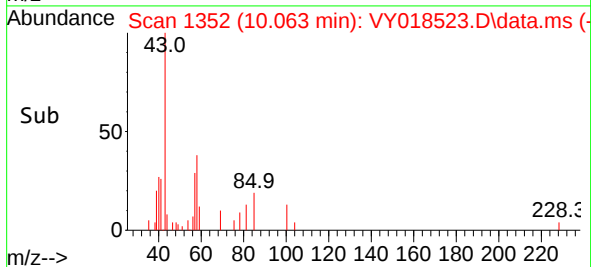
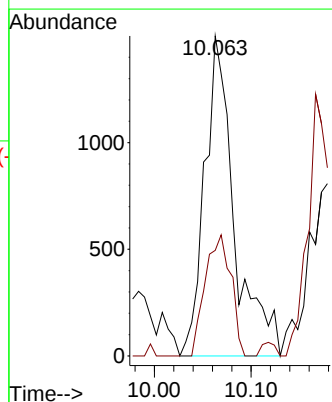
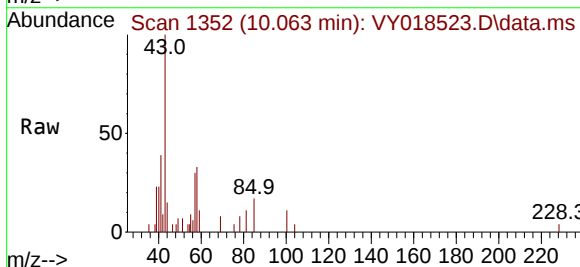
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGE

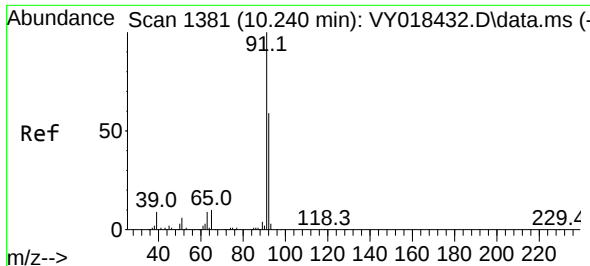
Tgt Ion: 98 Resp: 202334
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 2.804 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

Tgt Ion: 43 Resp: 3199
Ion Ratio Lower Upper
43 100
58 32.9 35.7 53.5#

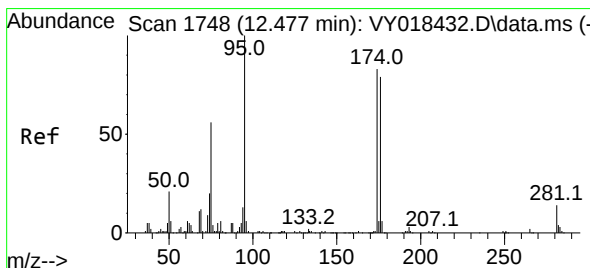
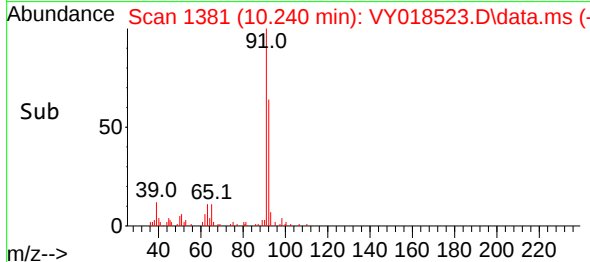
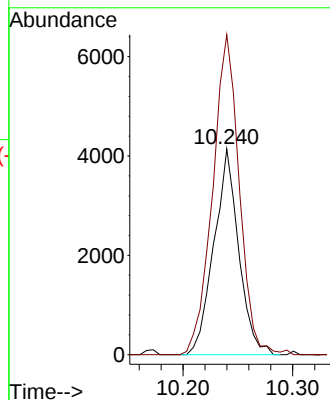
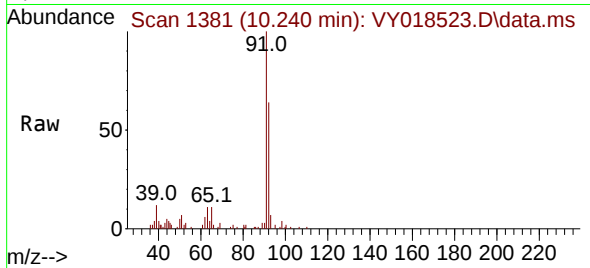




#52
Toluene
Concen: 1.502 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

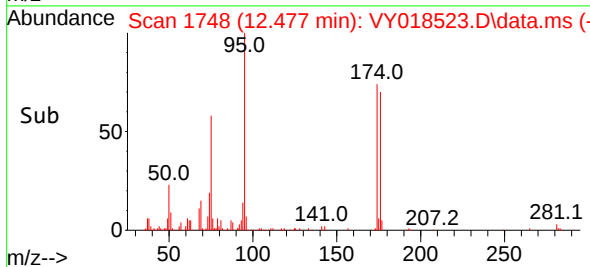
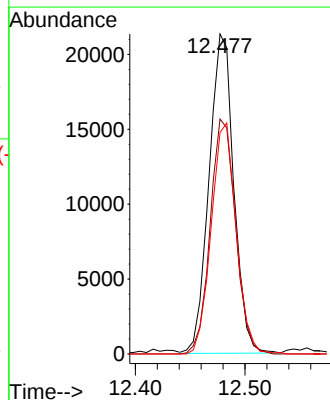
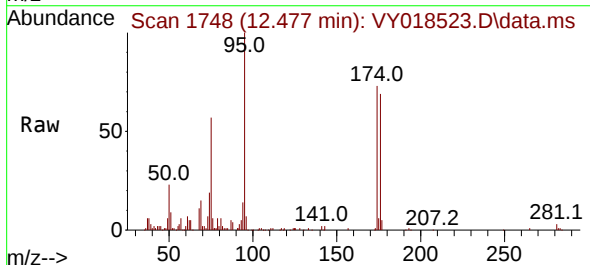
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGE

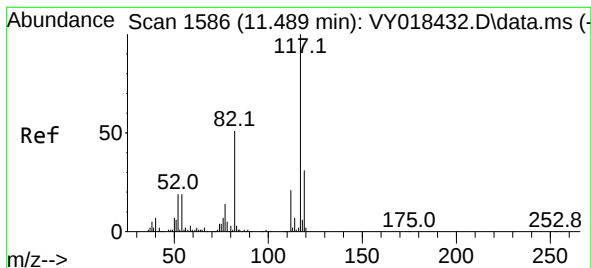
Tgt Ion: 92 Resp: 6511
Ion Ratio Lower Upper
92 100
91 167.3 139.0 208.6



#62
4-Bromofluorobenzene
Concen: 17.499 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

Tgt Ion: 95 Resp: 33439
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 72.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018523.D

Acq: 07 Jun 2024 13:35

Instrument :

MSVOA_Y

ClientSampleId :

MH-SLUDGE

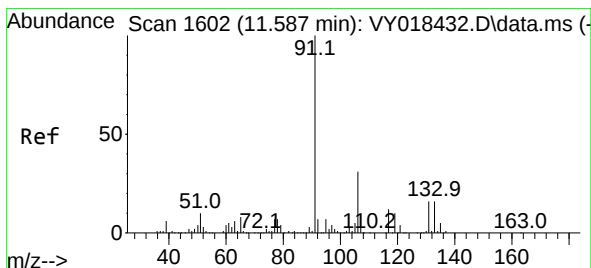
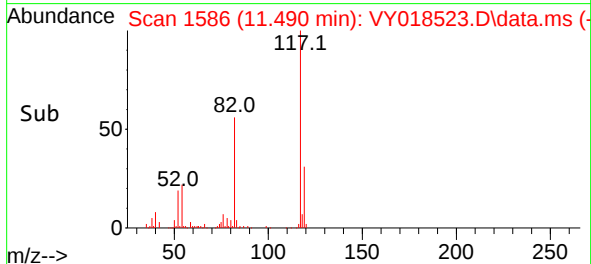
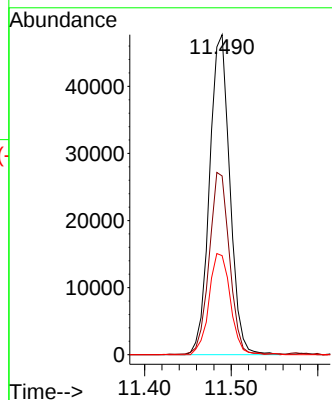
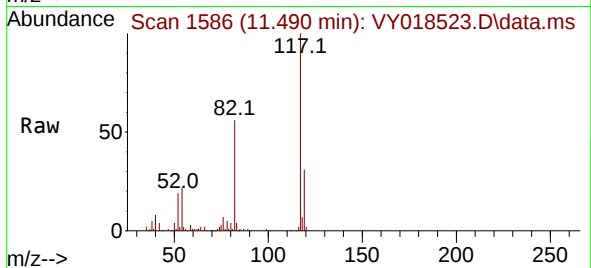
Tgt Ion:117 Resp: 77601

Ion Ratio Lower Upper

117 100

82 55.6 42.4 63.6

119 31.0 25.9 38.9



#67

Ethyl Benzene

Concen: 1.022 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018523.D

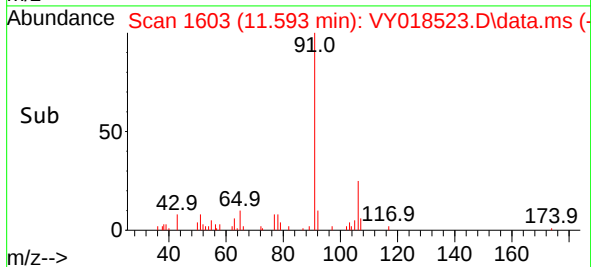
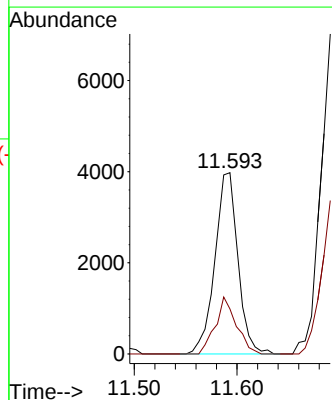
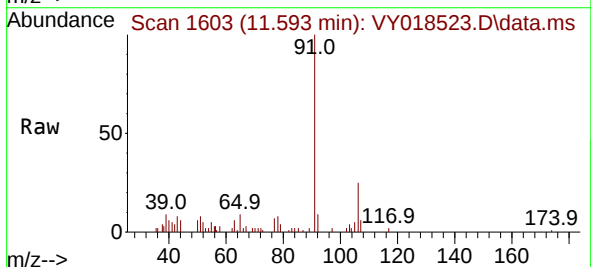
Acq: 07 Jun 2024 13:35

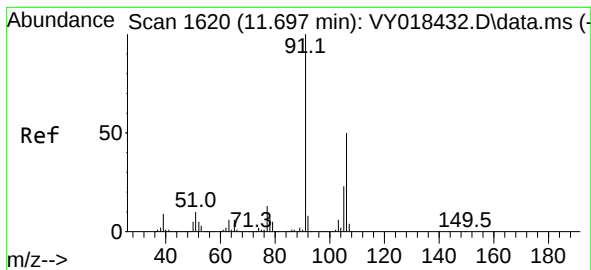
Tgt Ion: 91 Resp: 6191

Ion Ratio Lower Upper

91 100

106 24.8 24.5 36.7

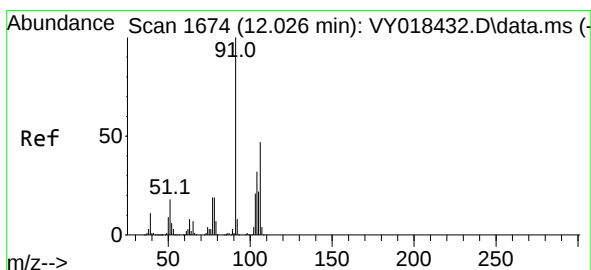
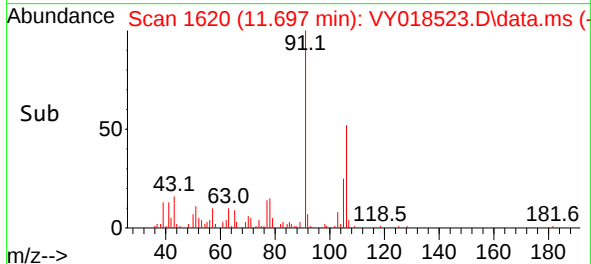
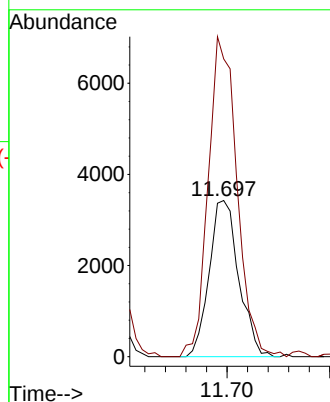
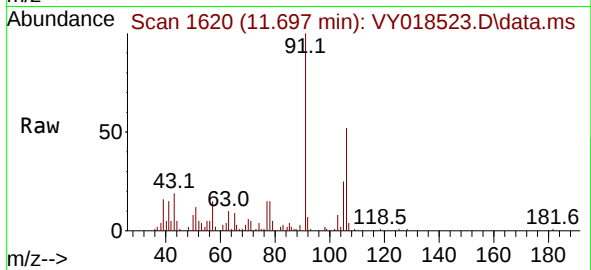




#68
m/p-Xylenes
Concen: 2.995 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

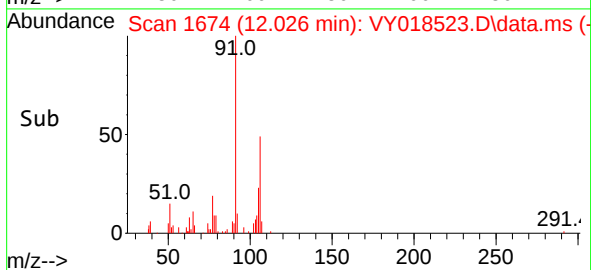
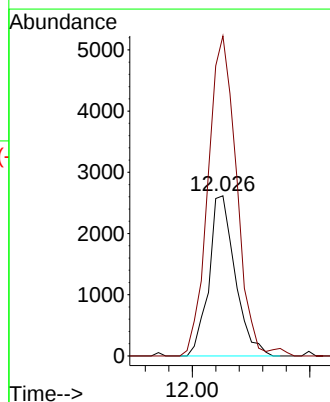
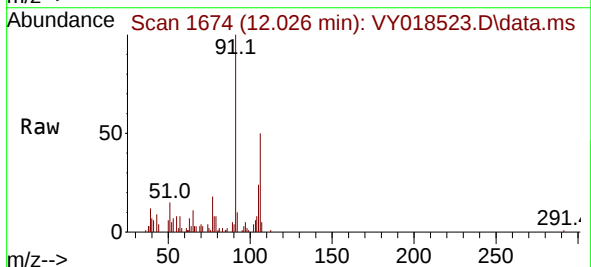
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGE

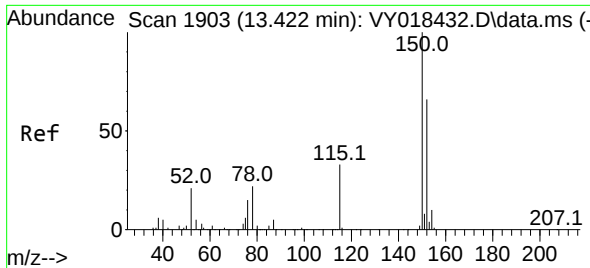
Tgt Ion:106 Resp: 6832
Ion Ratio Lower Upper
106 100
91 199.6 156.0 234.0



#69
o-Xylene
Concen: 1.845 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

Tgt Ion:106 Resp: 4051
Ion Ratio Lower Upper
106 100
91 215.7 103.6 310.8

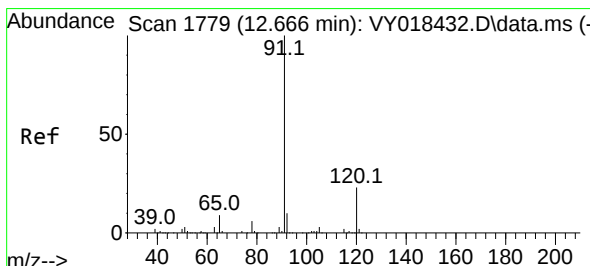
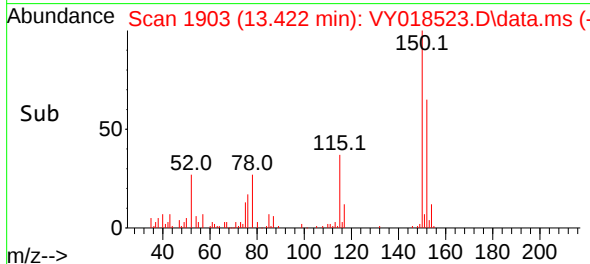
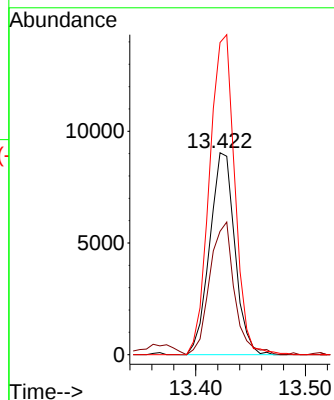
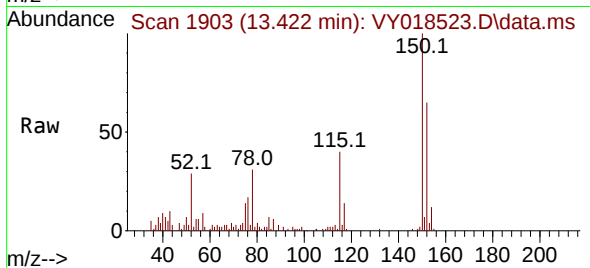




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

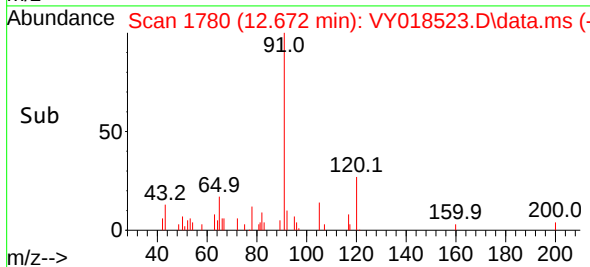
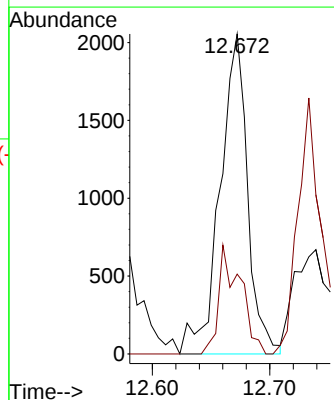
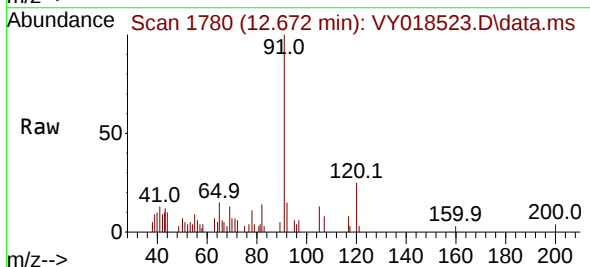
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGE

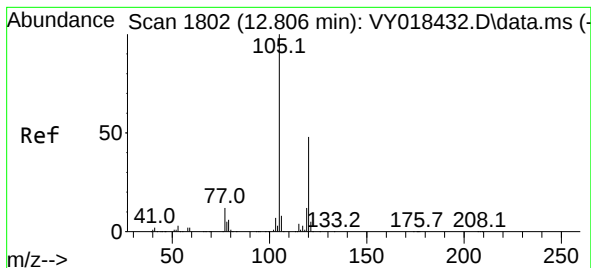
Tgt Ion:152 Resp: 14403
Ion Ratio Lower Upper
152 100
115 64.4 28.2 84.7
150 159.1 0.0 345.6



#78
n-propylbenzene
Concen: 1.880 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

Tgt Ion: 91 Resp: 3354
Ion Ratio Lower Upper
91 100
120 27.1 11.5 34.4

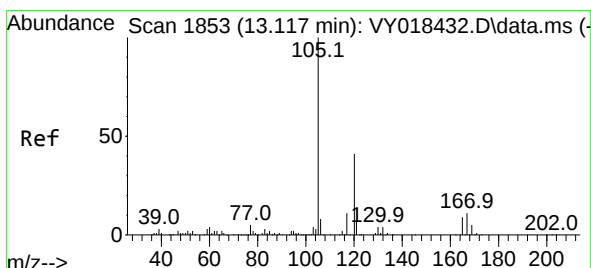
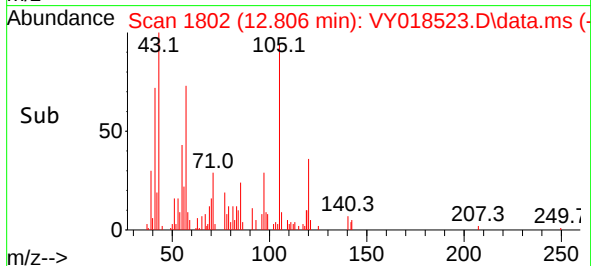
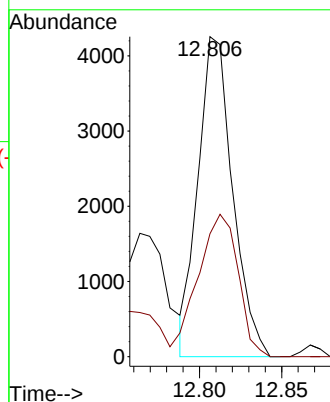
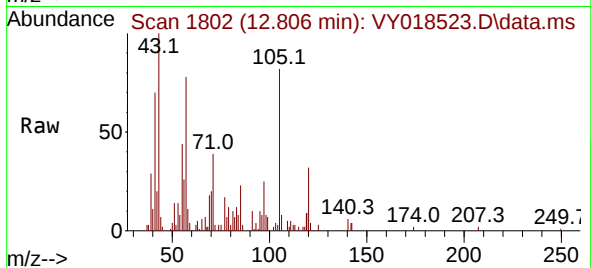




#80
1,3,5-Trimethylbenzene
Concen: 5.366 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

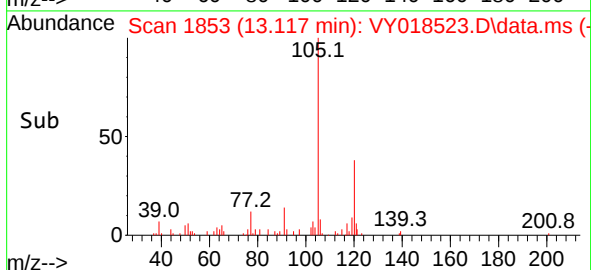
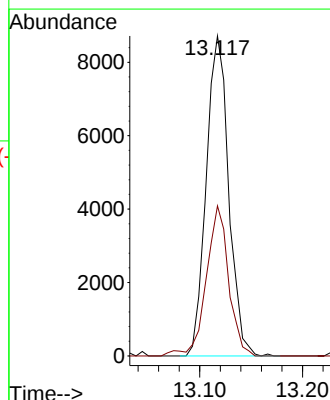
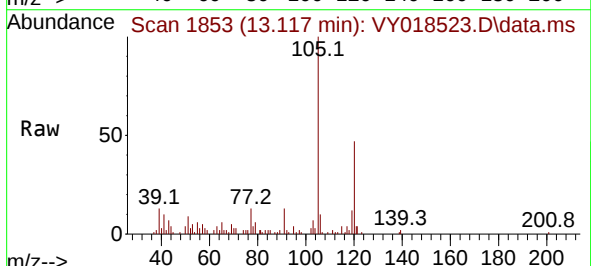
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGE

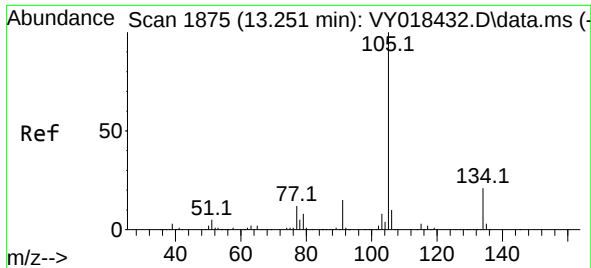
Tgt Ion:105 Resp: 6212
Ion Ratio Lower Upper
105 100
120 51.7 25.1 75.2



#84
1,2,4-Trimethylbenzene
Concen: 11.658 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018523.D
Acq: 07 Jun 2024 13:35

Tgt Ion:105 Resp: 13212
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6

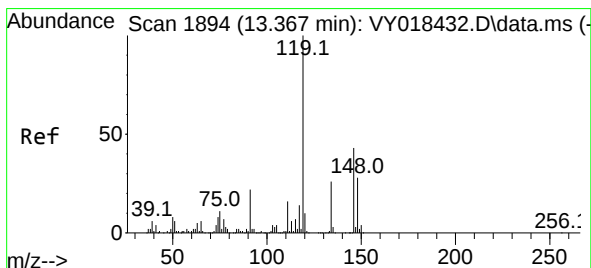
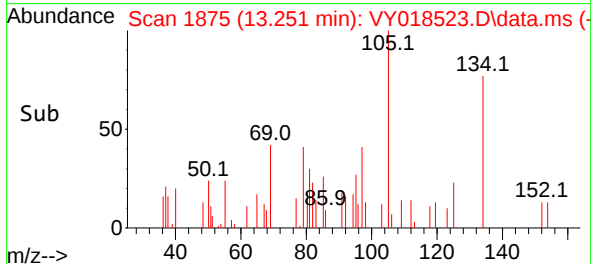
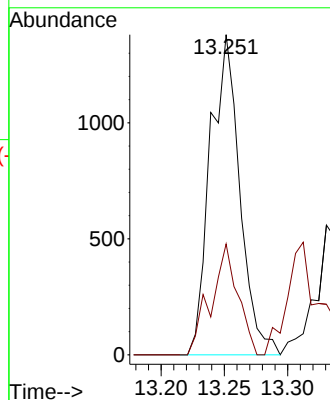
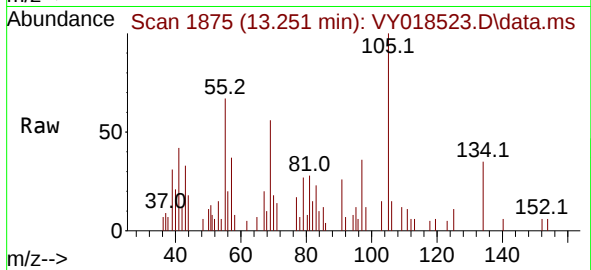




#85
 sec-Butylbenzene
 Concen: 1.421 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY018523.D
 Acq: 07 Jun 2024 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-SLUDGE

Tgt Ion:105 Resp: 2240
 Ion Ratio Lower Upper
 105 100
 134 31.6 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 7.782 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY018523.D
 Acq: 07 Jun 2024 13:35

Tgt Ion:119 Resp: 9901
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 0.0 10.7 32.1#

