

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012157.D
 Acq On : 11 Jan 2023 12:51
 Operator : KP/MD
 Sample : 01061-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-6

Quant Time: Jan 12 05:48:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3259	99.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.520%#
35) Dibromofluoromethane	7.716	113	1446	41.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.460%
50) Toluene-d8	10.179	98	7163	51.744	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.483	95	3427	70.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	141.640%

Target Compounds						Qvalue
3) Chloromethane	2.119	50	158	4.524	ug/l #	41
4) Vinyl Chloride	2.394	62	52	1.831	ug/l #	43
5) Bromomethane	2.662	94	277	11.679	ug/l	90
10) Methyl Iodide	4.113	142	613	15.523	ug/l #	38
16) Acetone	3.948	43	13180	1706.445	ug/l	96
18) Methyl Acetate	4.460	43	97	4.366	ug/l #	50
20) Methylene Chloride	4.723	84	719	18.264	ug/l #	62
25) 2-Butanone	6.990	43	668	65.553	ug/l	94
30) Chloroform	7.509	83	1057	17.603	ug/l #	70
31) Cyclohexane	7.783	56	25	Below Cal	#	9
36) 1,1-Dichloropropene	7.783	75	204	3.834	ug/l #	41
37) Ethyl Acetate	6.990	43	668	23.446	ug/l #	75
38) Carbon Tetrachloride	7.789	117	193	2.858	ug/l #	14
43) Isopropyl Acetate	8.271	43	48	1.005	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	832	32.748	ug/l	96
52) Toluene	10.240	92	1710	16.661	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	149	4.743	ug/l #	33
56) Ethyl methacrylate	10.545	69	70	1.701	ug/l #	1
59) 2-Hexanone	10.825	43	85	4.765	ug/l #	23
65) Chlorobenzene	11.514	112	235	1.453	ug/l #	43
67) Ethyl Benzene	11.599	91	1734	5.996	ug/l	90
68) m/p-Xylenes	11.697	106	2542	22.412	ug/l	92
69) o-Xylene	12.032	106	1485	13.751	ug/l	95
70) Styrene	12.044	104	425	2.317	ug/l #	45
73) Isopropylbenzene	12.331	105	1241	4.257	ug/l #	52
74) N-amyl acetate	12.118	43	417	6.929	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	1711	40.676	ug/l #	100
77) Bromobenzene	12.441	156	397	5.710	ug/l #	1
78) n-propylbenzene	12.672	91	761	2.236	ug/l	98
79) 2-Chlorotoluene	12.672	91	761	3.909	ug/l	71
80) 1,3,5-Trimethylbenzene	12.813	105	1392	5.567	ug/l	83
81) trans-1,4-Dichloro-2-b...	12.483	75	1711	90.336	ug/l #	18
83) tert-Butylbenzene	13.075	119	275	1.255	ug/l #	81
84) 1,2,4-Trimethylbenzene	13.117	105	4676	18.893	ug/l	92
85) sec-Butylbenzene	13.233	105	699	2.220	ug/l	91
86) p-Isopropyltoluene	13.373	119	6618	24.260	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration

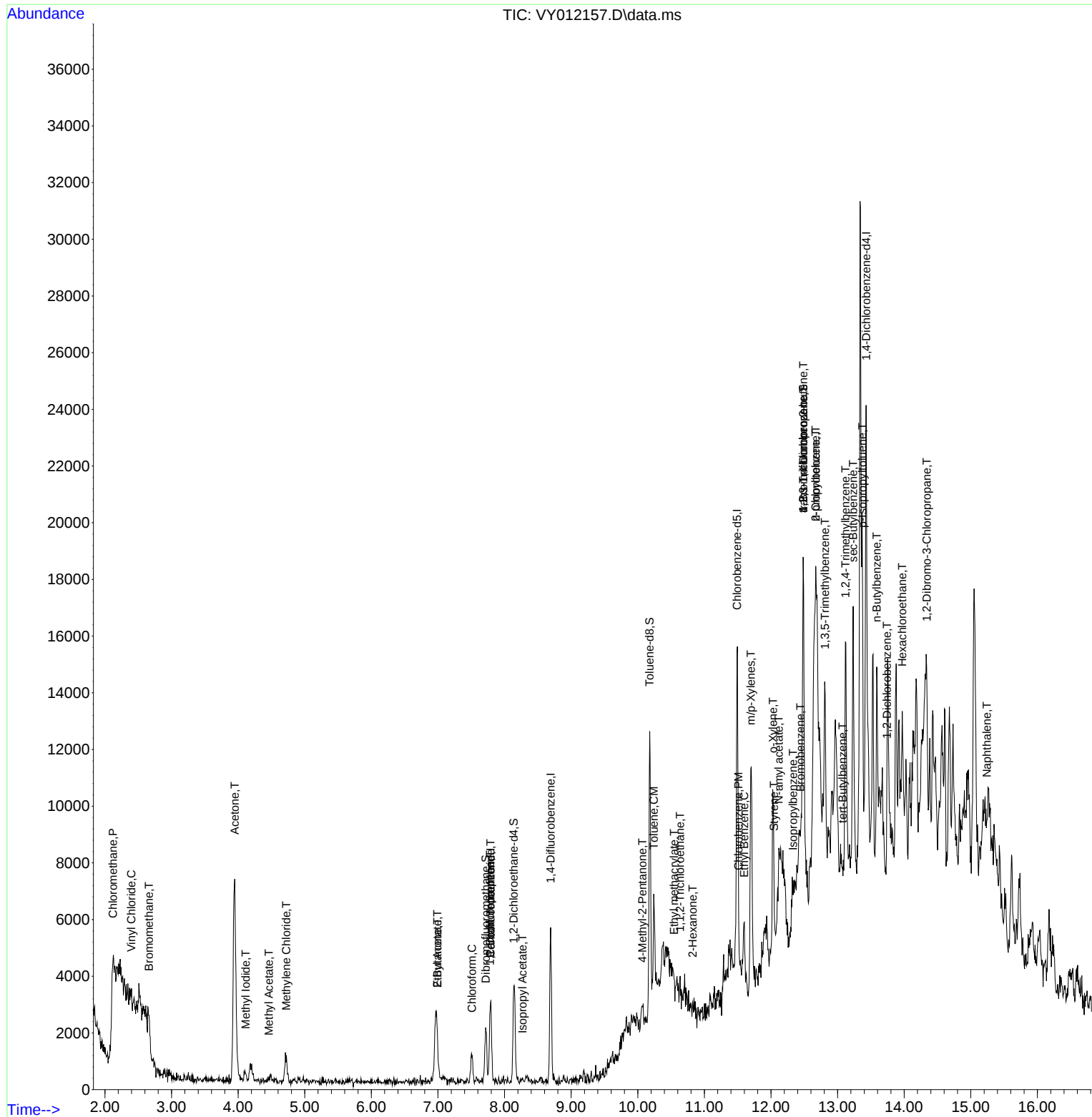
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.587	91	1270	5.372	ug/l	86
90) Hexachloroethane	13.971	117	210	4.150	ug/l #	9
91) 1,2-Dichlorobenzene	13.739	146	201	1.619	ug/l #	49
92) 1,2-Dibromo-3-Chloropr...	14.337	75	205	21.034	ug/l #	1
95) Naphthalene	15.239	128	1141	7.448	ug/l #	89

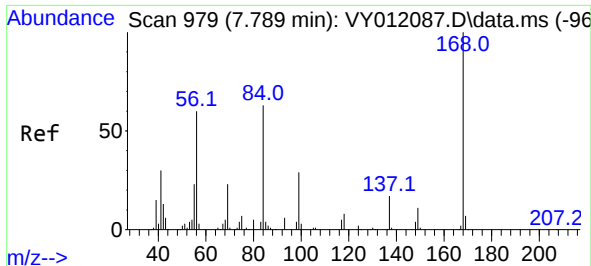
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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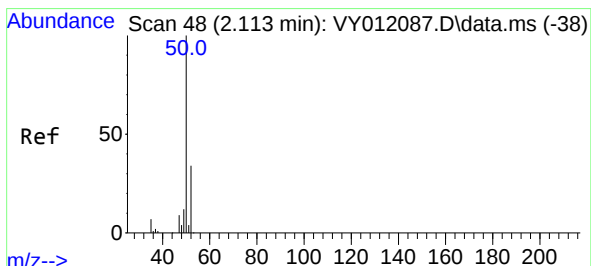
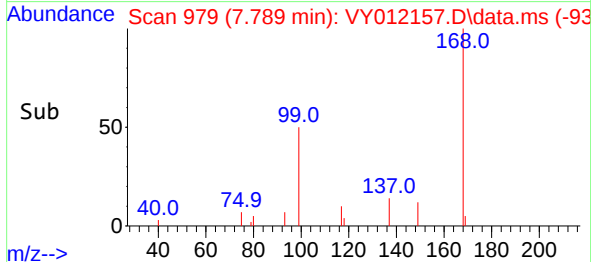
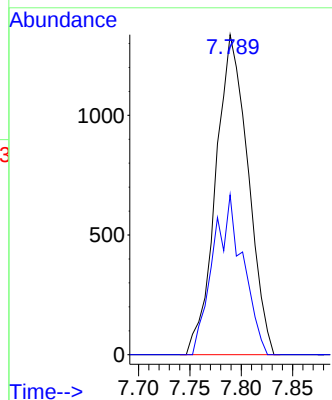
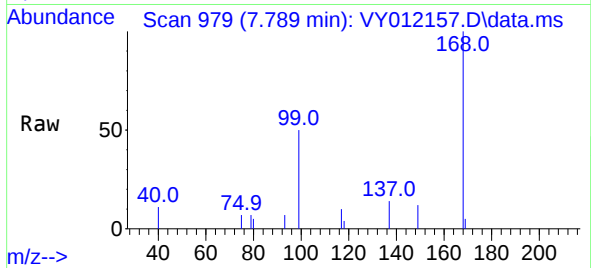




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

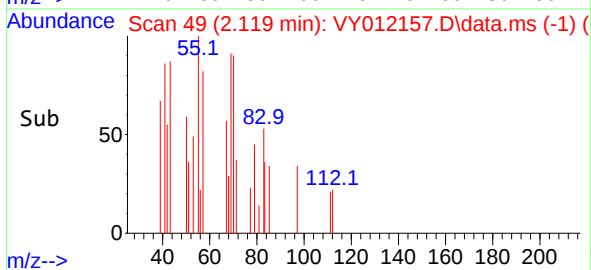
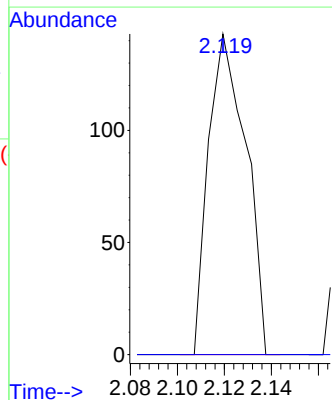
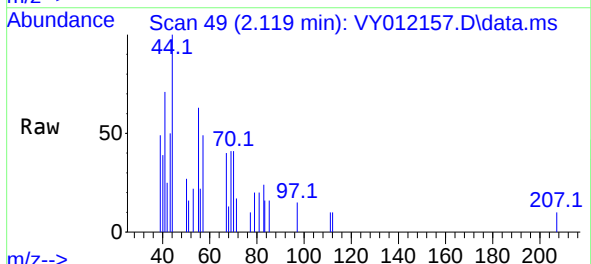
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

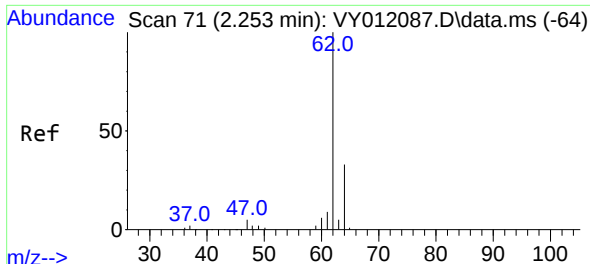
Tgt Ion:168 Resp: 2922
Ion Ratio Lower Upper
168 100
99 50.0 44.0 66.0



#3
Chloromethane
Concen: 4.524 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 50 Resp: 158
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

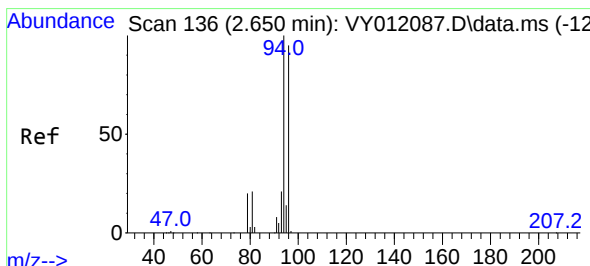
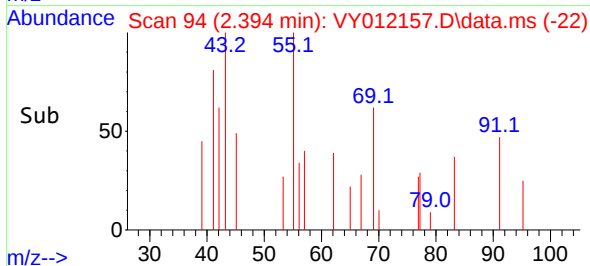
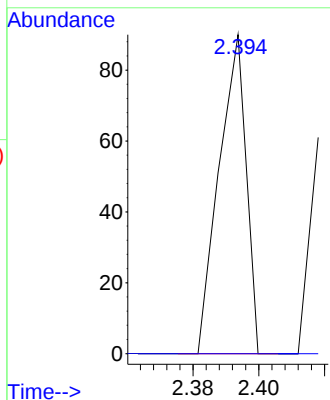
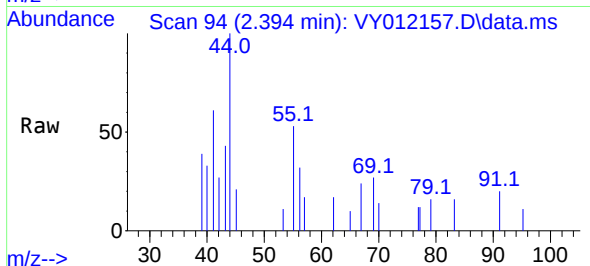




#4
 Vinyl Chloride
 Concen: 1.831 ug/l
 RT: 2.394 min Scan# 94
 Delta R.T. 0.141 min
 Lab File: VY012157.D
 Acq: 11 Jan 2023 12:51

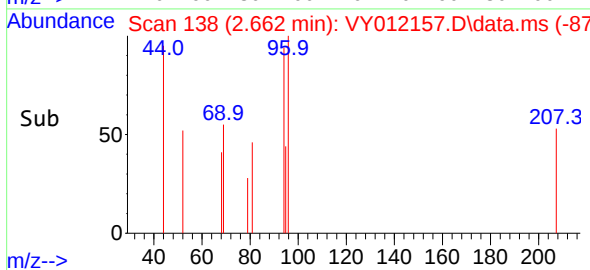
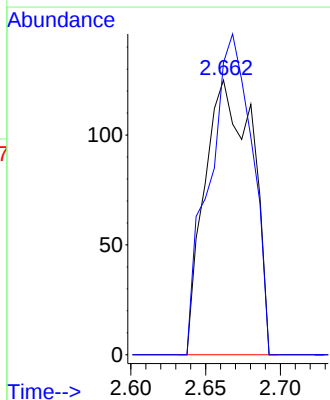
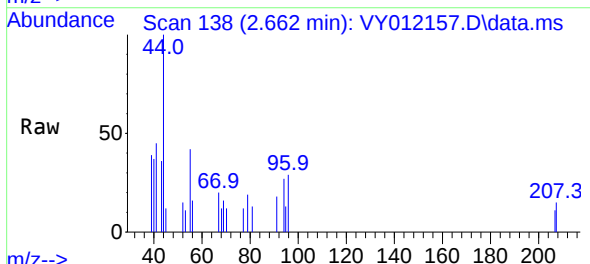
Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-6

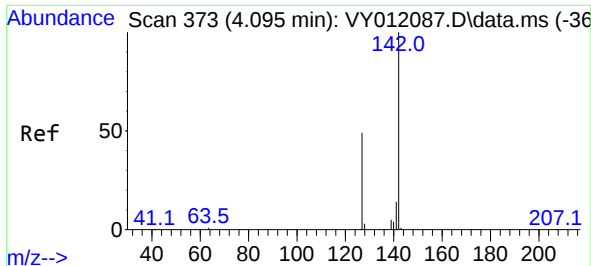
Tgt Ion: 62 Resp: 52
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 11.679 ug/l
 RT: 2.662 min Scan# 138
 Delta R.T. 0.012 min
 Lab File: VY012157.D
 Acq: 11 Jan 2023 12:51

Tgt Ion: 94 Resp: 277
 Ion Ratio Lower Upper
 94 100
 96 106.4 77.4 116.2

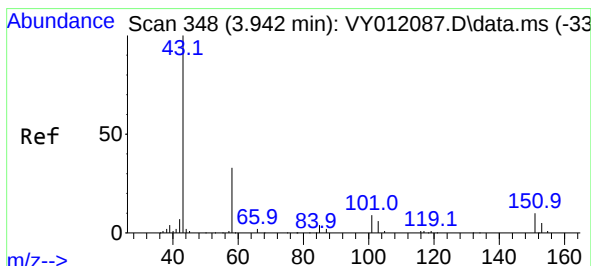
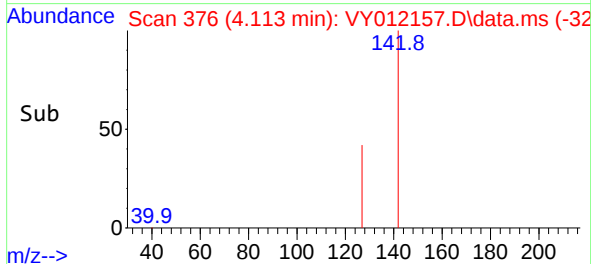
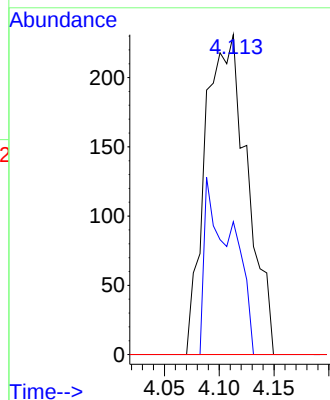
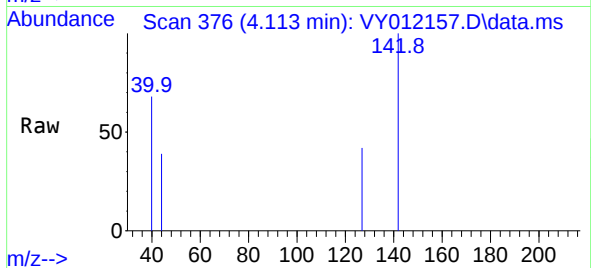




#10
Methyl Iodide
Concen: 15.523 ug/l
RT: 4.113 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

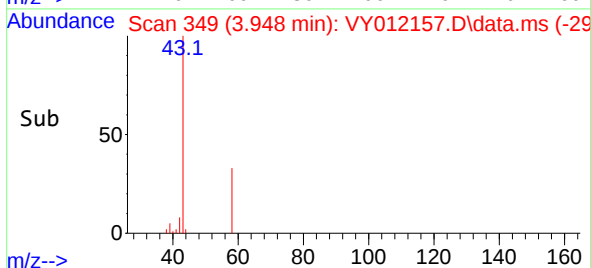
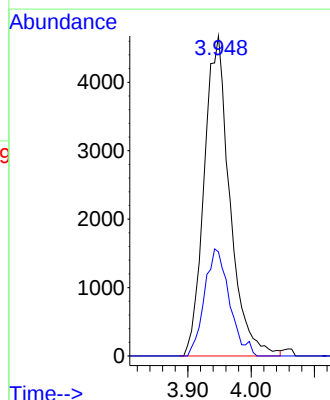
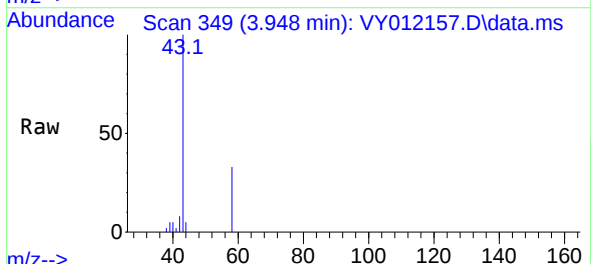
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

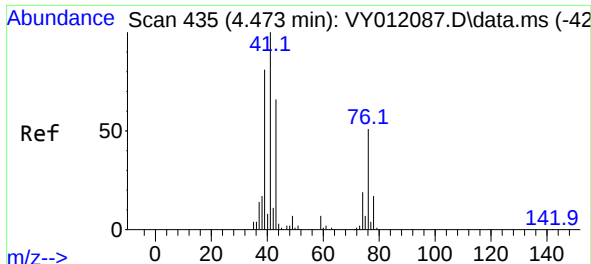
Tgt Ion:142 Resp: 613
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 1706.445 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 43 Resp: 13180
Ion Ratio Lower Upper
43 100
58 32.6 27.9 41.9





#18

Methyl Acetate

Concen: 4.366 ug/l

RT: 4.460 min Scan# 41

Delta R.T. -0.013 min

Lab File: VY012157.D

Acq: 11 Jan 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

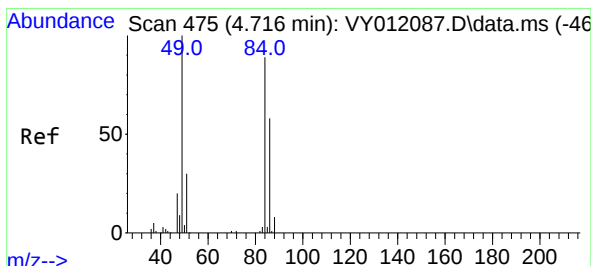
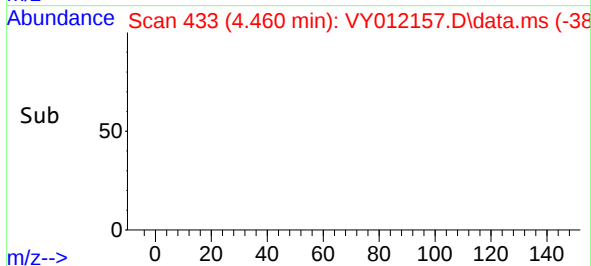
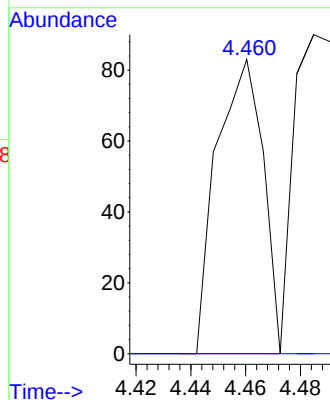
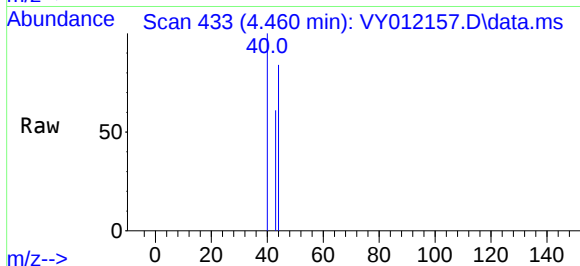
SLUDGE-6

Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

43 100

74 0.0 20.1 30.1#



#20

Methylene Chloride

Concen: 18.264 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.007 min

Lab File: VY012157.D

Acq: 11 Jan 2023 12:51

Tgt Ion: 84 Resp: 719

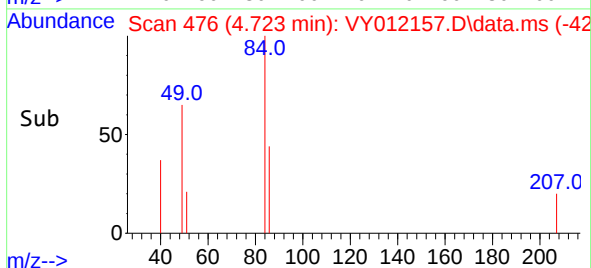
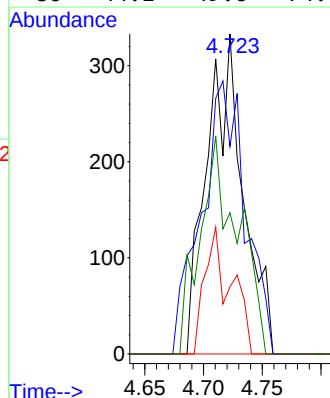
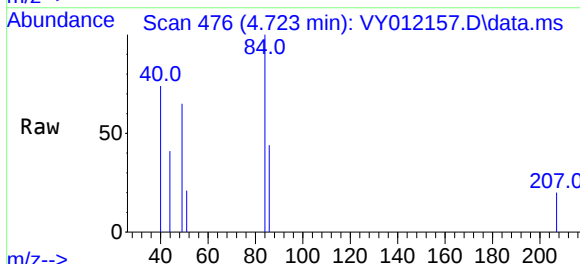
Ion Ratio Lower Upper

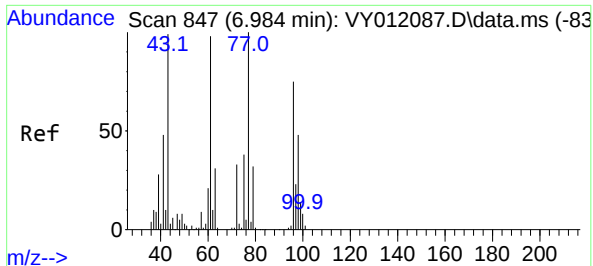
84 100

49 64.9 95.4 143.2#

51 21.0 29.9 44.9#

86 44.1 49.6 74.4#

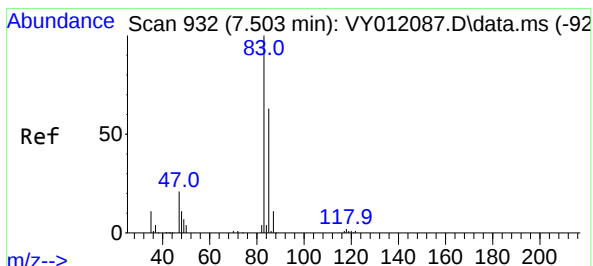
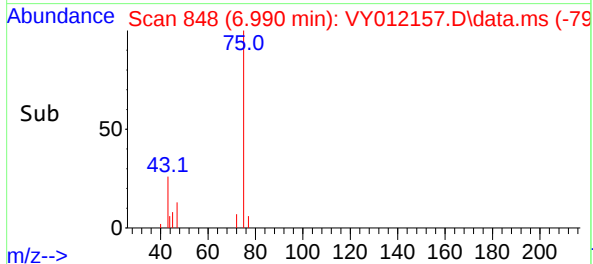
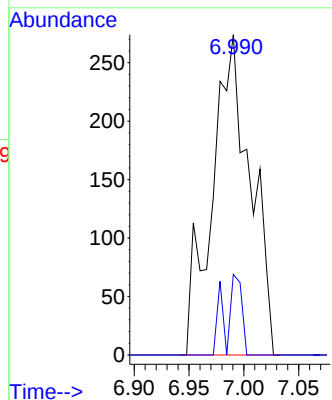
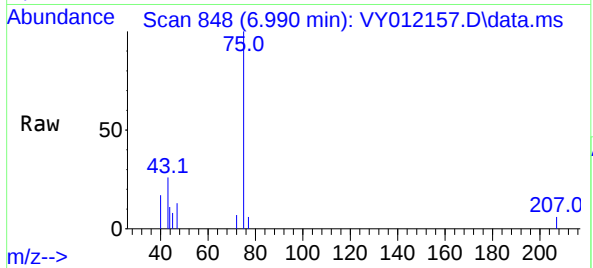




#25
2-Butanone
Concen: 65.553 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

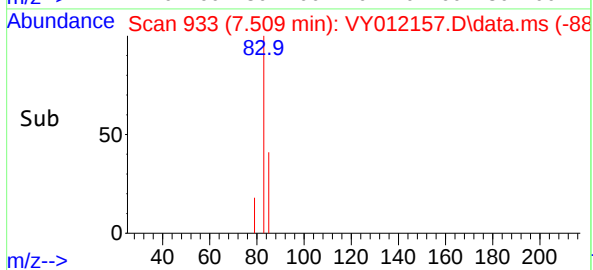
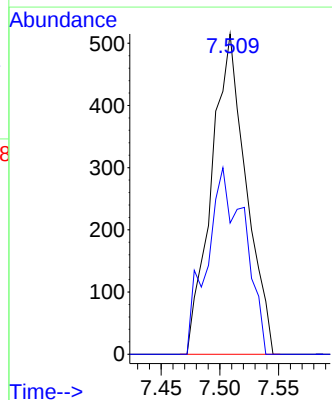
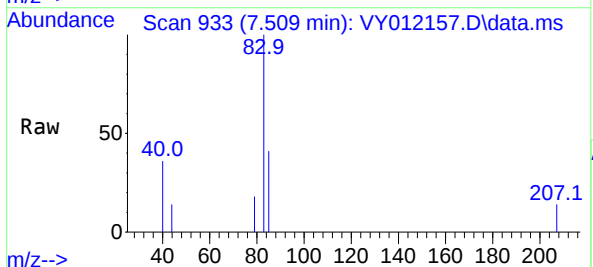
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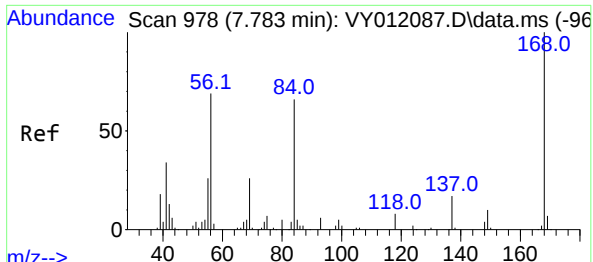
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
72 25.2 22.6 34.0



#30
Chloroform
Concen: 17.603 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

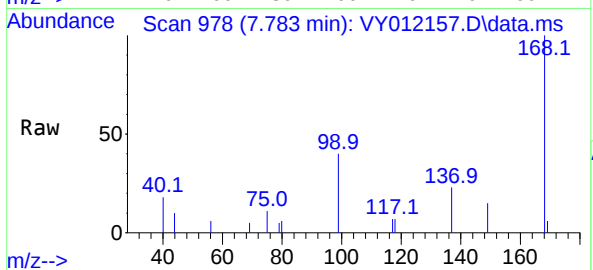
Tgt Ion: 83 Resp: 1057
Ion Ratio Lower Upper
83 100
85 41.0 51.5 77.3#



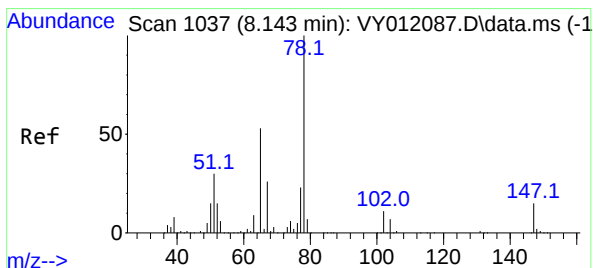
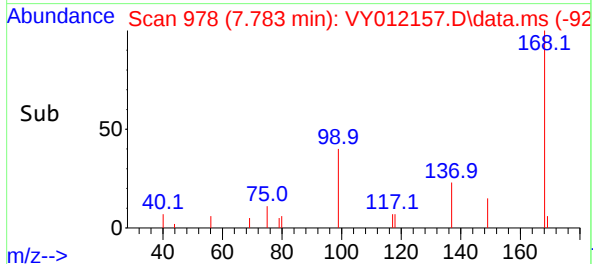
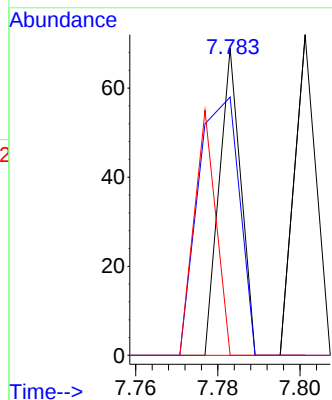


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

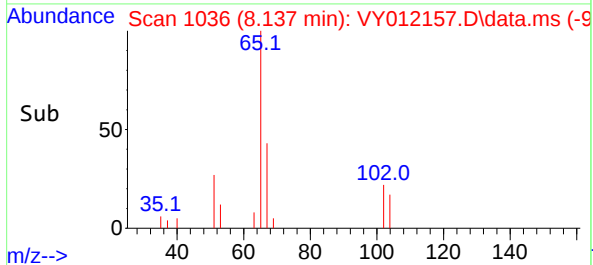
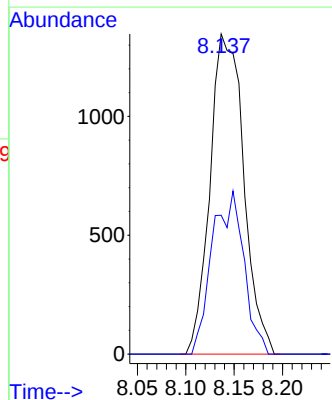
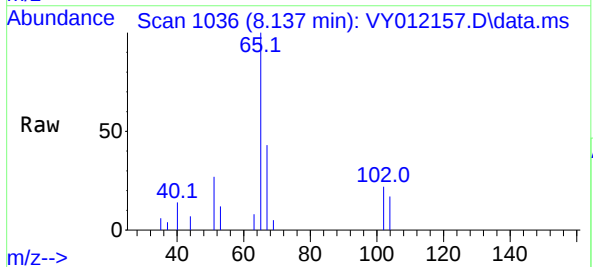


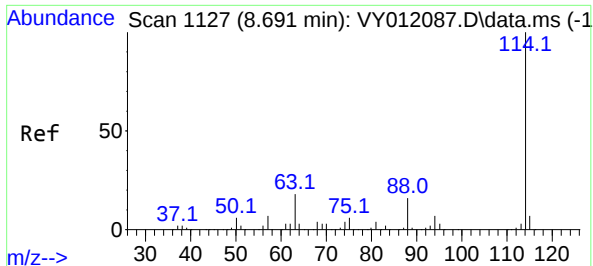
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
69 84.1 29.2 43.8#
84 0.0 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 99.259 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 65 Resp: 3259
Ion Ratio Lower Upper
65 100
67 47.9 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012157.D

Acq: 11 Jan 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-6

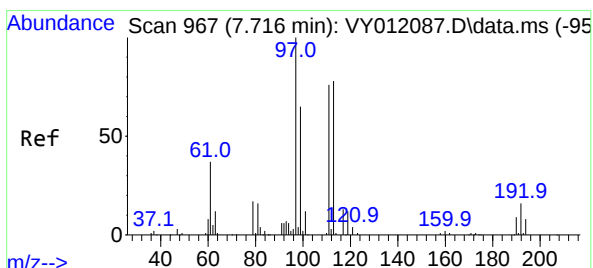
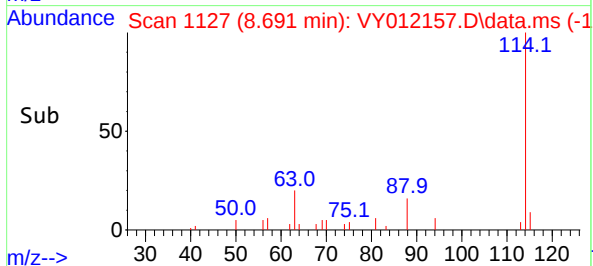
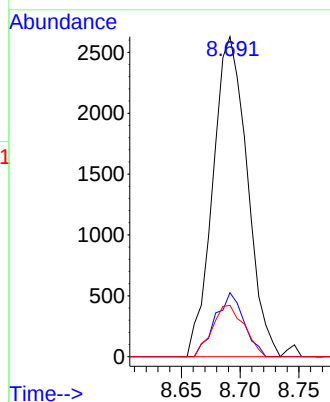
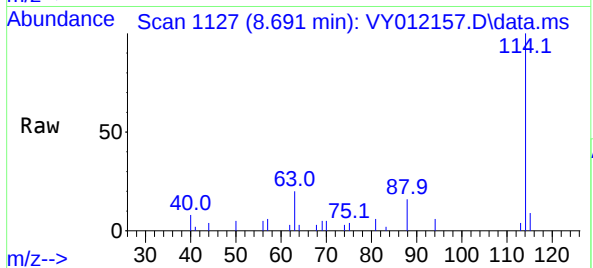
Tgt Ion:114 Resp: 5336

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 41.229 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012157.D

Acq: 11 Jan 2023 12:51

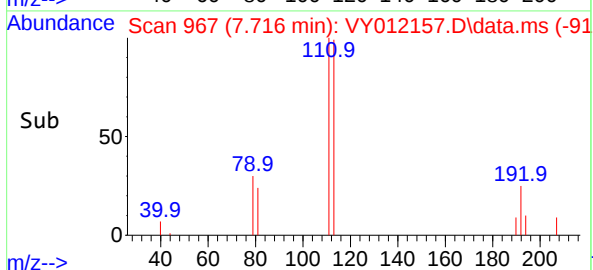
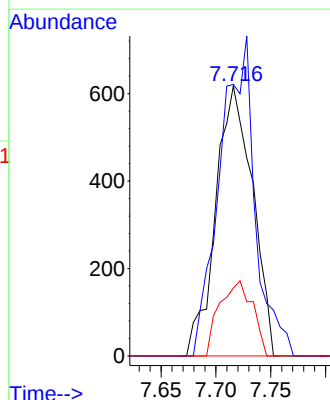
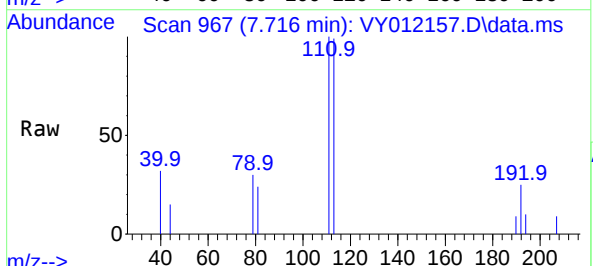
Tgt Ion:113 Resp: 1446

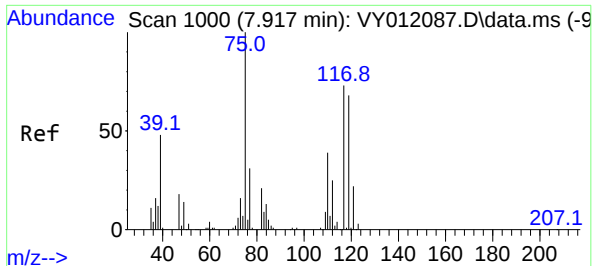
Ion Ratio Lower Upper

113 100

111 112.1 83.0 124.4

192 24.8 16.0 24.0#





#36

1,1-Dichloropropene

Concen: 3.834 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012157.D

Acq: 11 Jan 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-6

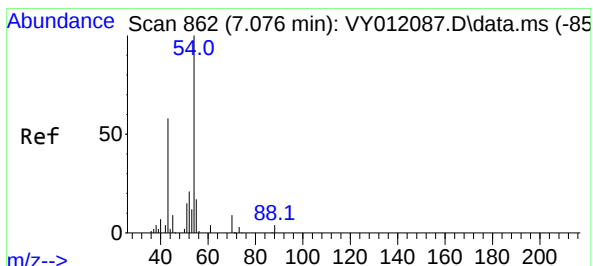
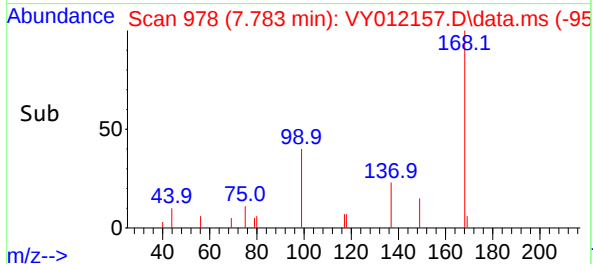
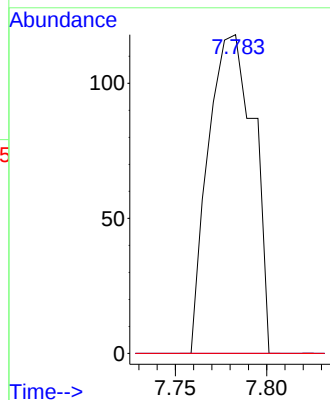
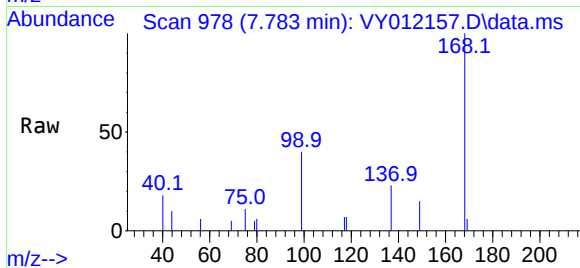
Tgt Ion: 75 Resp: 204

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 23.446 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.086 min

Lab File: VY012157.D

Acq: 11 Jan 2023 12:51

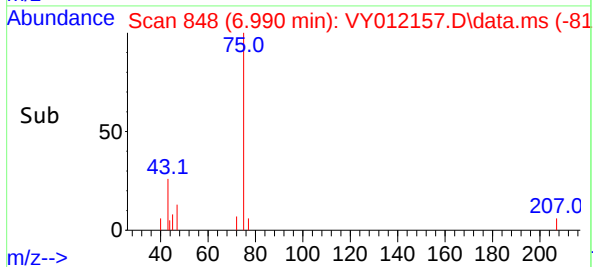
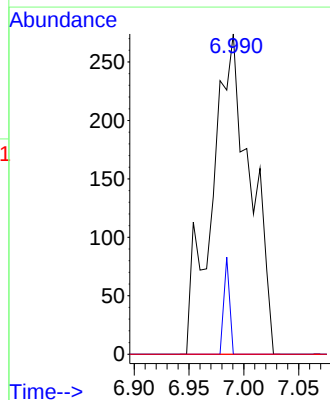
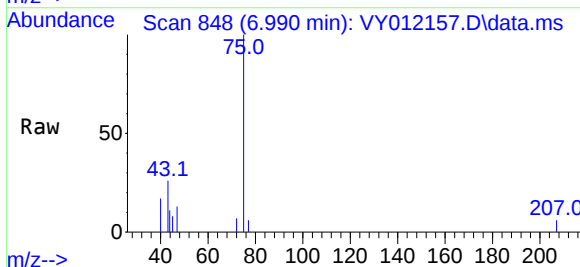
Tgt Ion: 43 Resp: 668

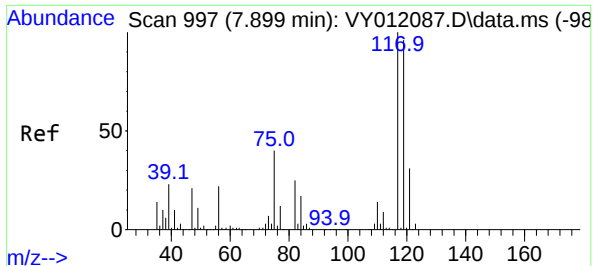
Ion Ratio Lower Upper

43 100

61 4.5 11.3 16.9#

70 0.0 8.2 12.4#

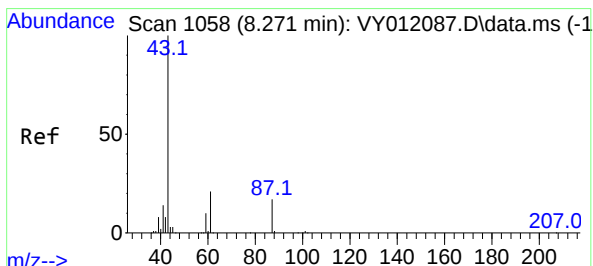
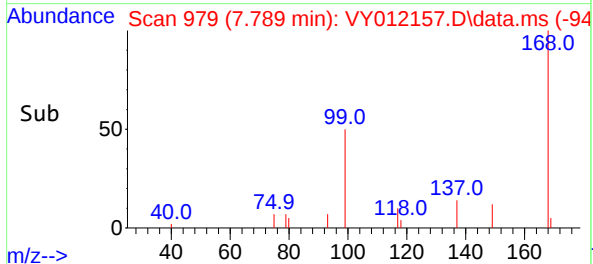
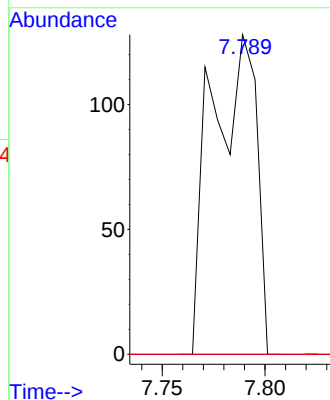
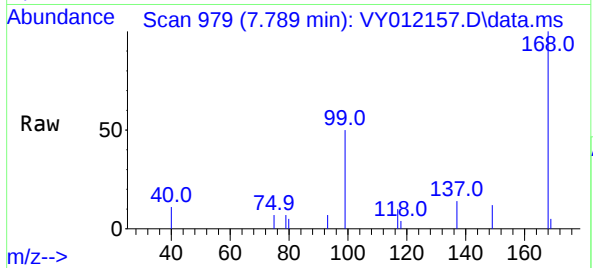




#38
Carbon Tetrachloride
Concen: 2.858 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

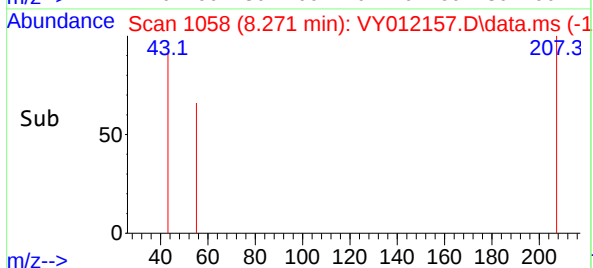
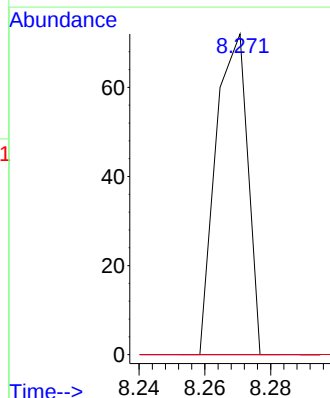
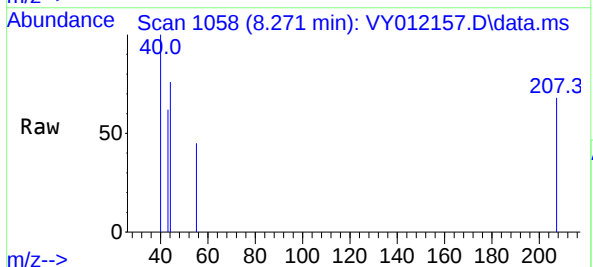
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

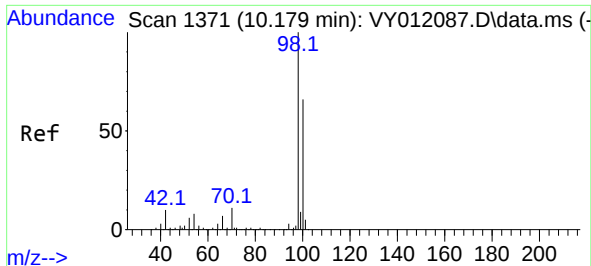
Tgt Ion:117 Resp: 193
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#43
Isopropyl Acetate
Concen: 1.005 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
61 0.0 24.4 36.6#
87 0.0 11.4 17.2#

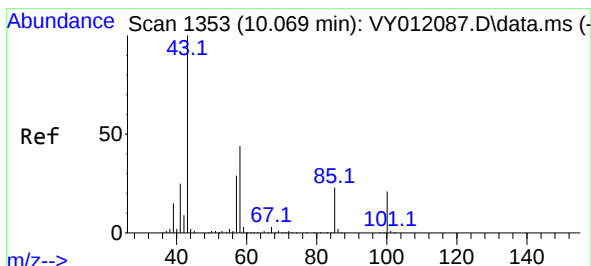
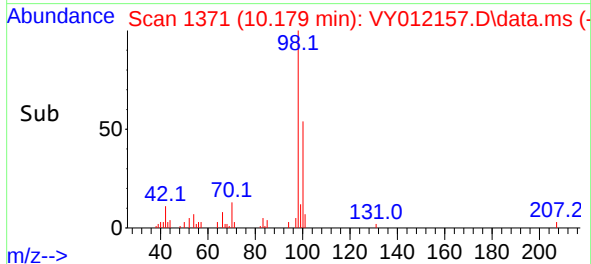
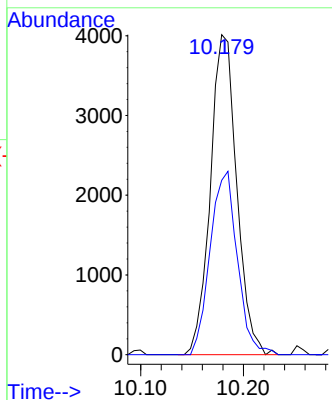
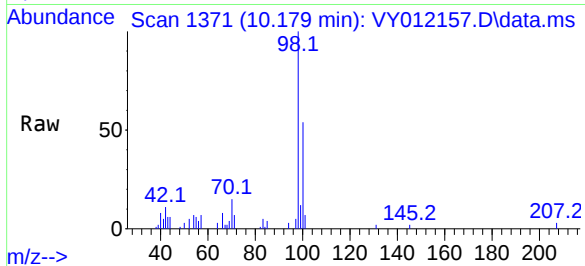




#50
Toluene-d8
Concen: 51.744 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

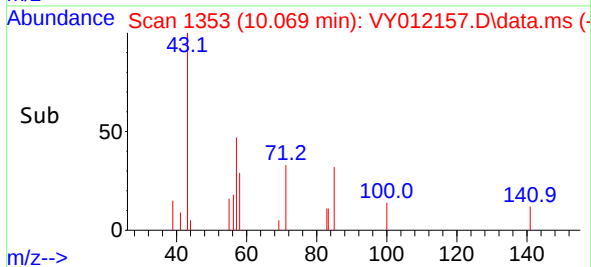
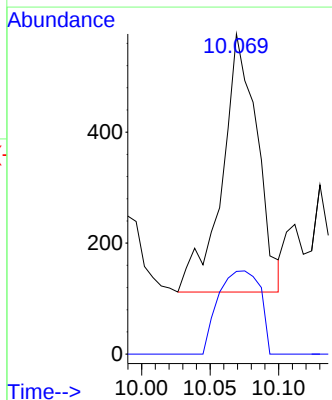
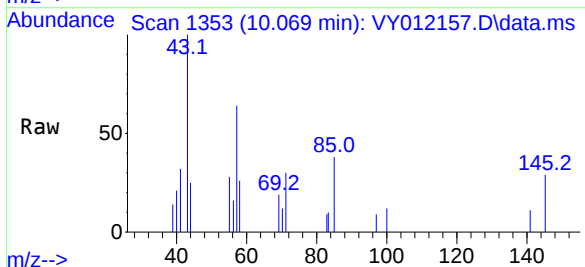
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

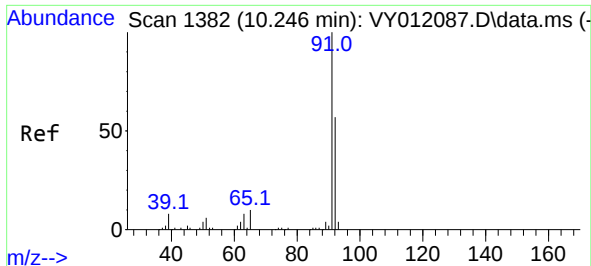
Tgt Ion: 98 Resp: 7163
Ion Ratio Lower Upper
98 100
100 58.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 32.748 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 38.3 32.9 49.3

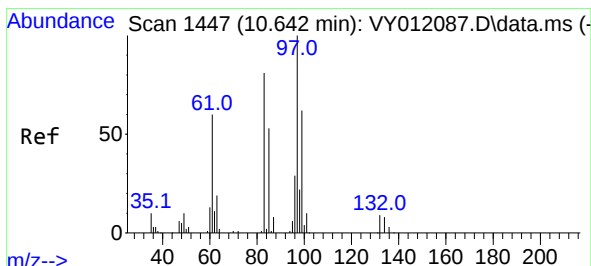
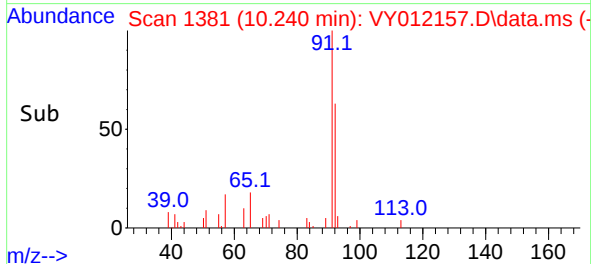
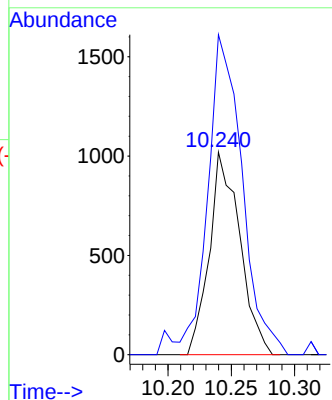
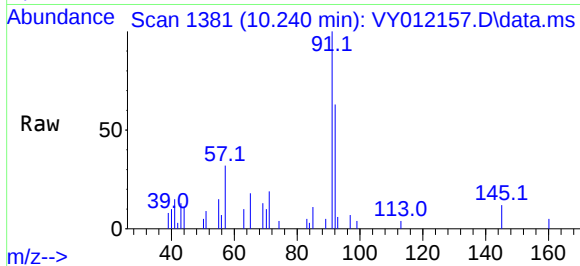




#52
Toluene
Concen: 16.661 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

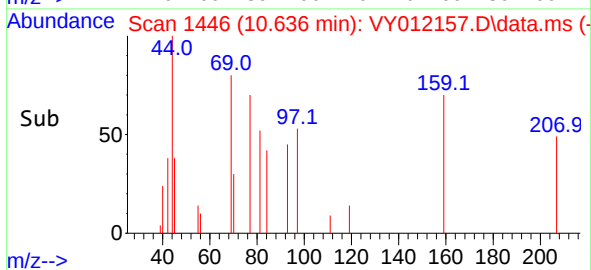
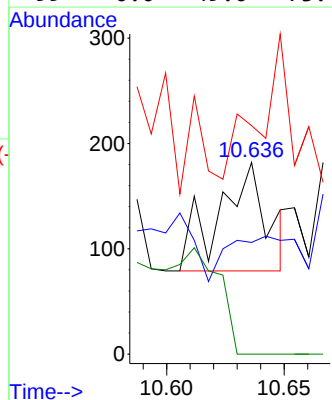
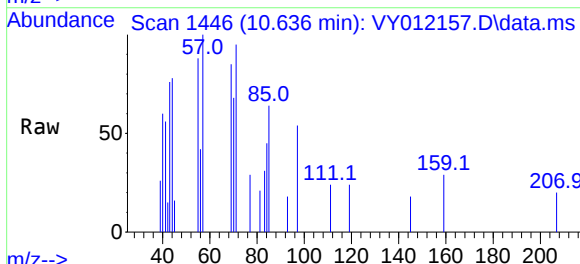
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

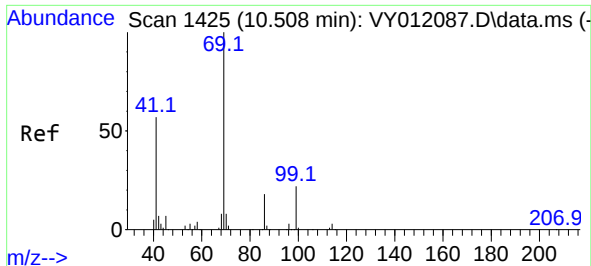
Tgt Ion: 92 Resp: 1710
Ion Ratio Lower Upper
92 100
91 181.4 137.4 206.0



#55
1,1,2-Trichloroethane
Concen: 4.743 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 97 Resp: 149
Ion Ratio Lower Upper
97 100
83 0.0 67.7 101.5#
85 63.1 43.8 65.8
99 0.0 49.0 73.4#

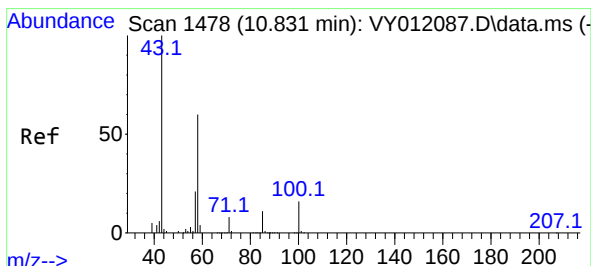
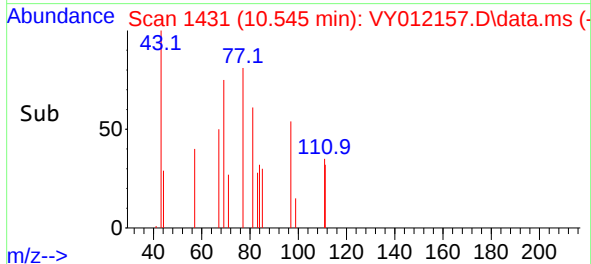
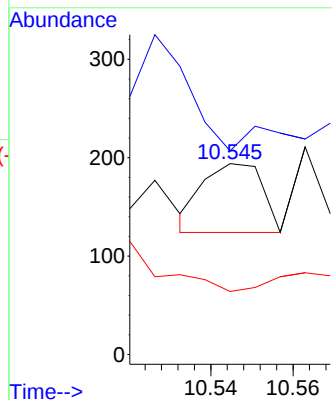
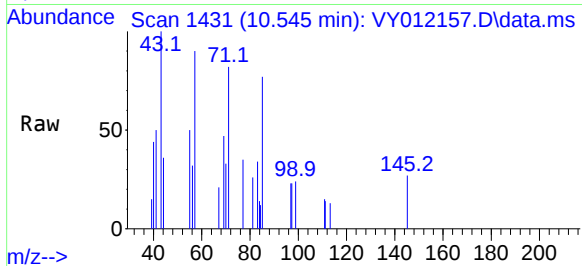




#56
Ethyl methacrylate
Concen: 1.701 ug/l
RT: 10.545 min Scan# 1425
Delta R.T. 0.037 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

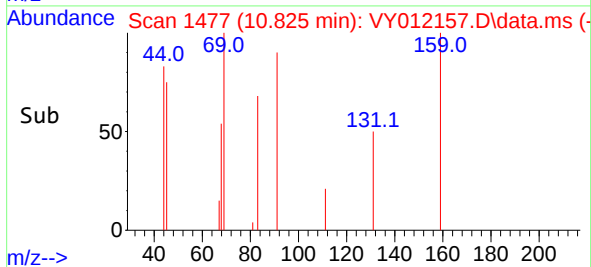
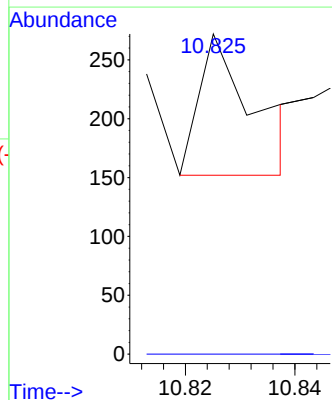
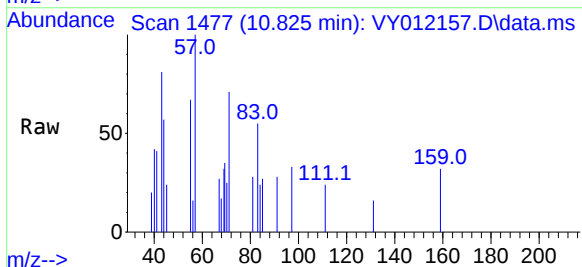
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

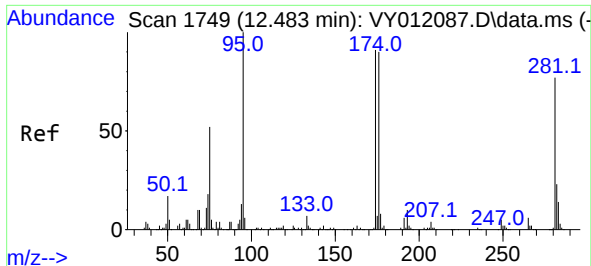
Tgt Ion: 69 Resp: 70
Ion Ratio Lower Upper
69 100
41 198.6 48.9 73.3#
39 0.0 25.9 38.9#



#59
2-Hexanone
Concen: 4.765 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.2#

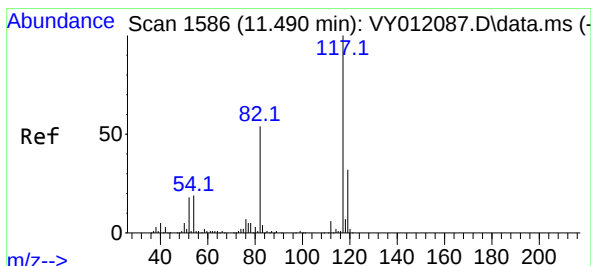
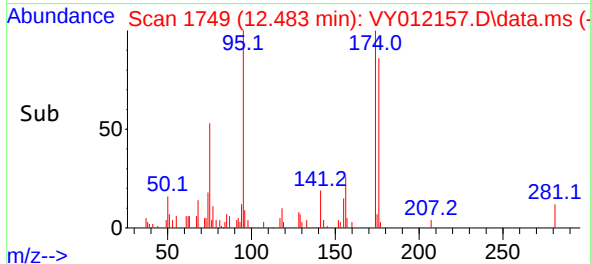
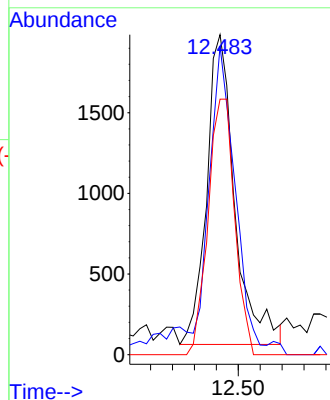
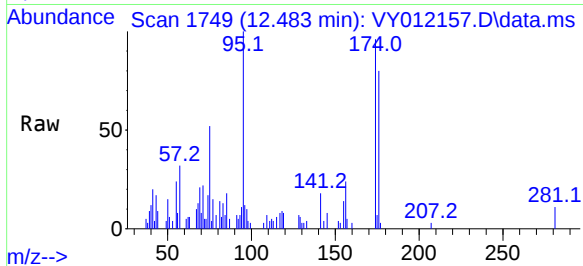




#62
4-Bromofluorobenzene
Concen: 70.823 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

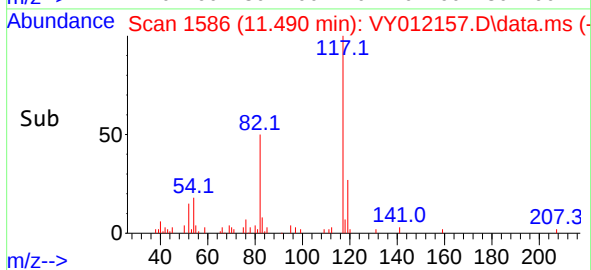
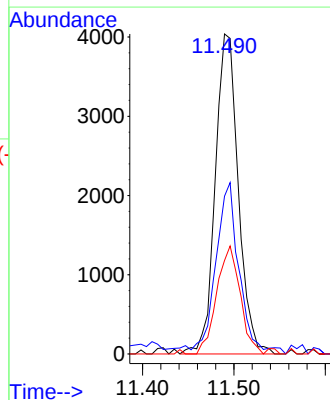
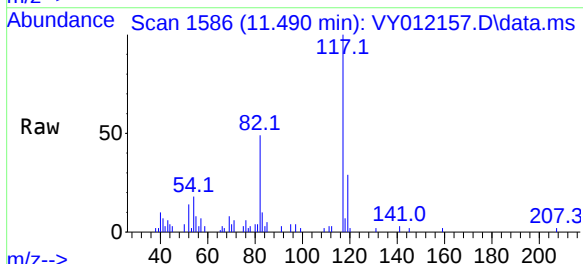
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

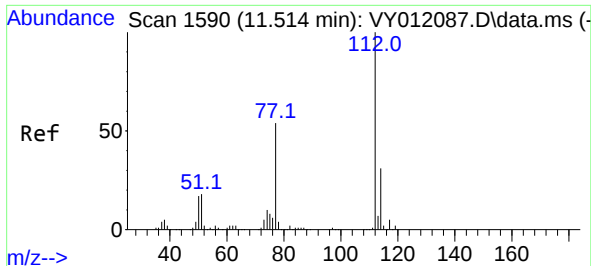
Tgt Ion: 95 Resp: 3427
Ion Ratio Lower Upper
95 100
174 104.0 0.0 172.0
176 77.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 117 Resp: 7084
Ion Ratio Lower Upper
117 100
82 47.5 44.8 67.2
119 29.2 25.4 38.2

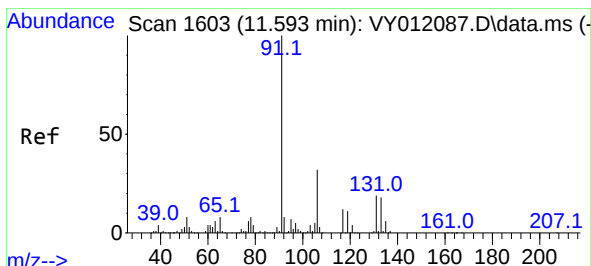
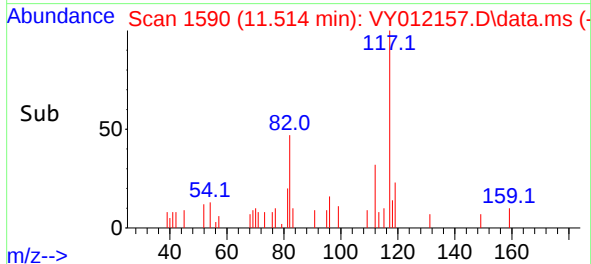
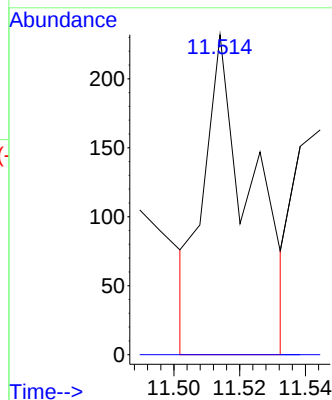
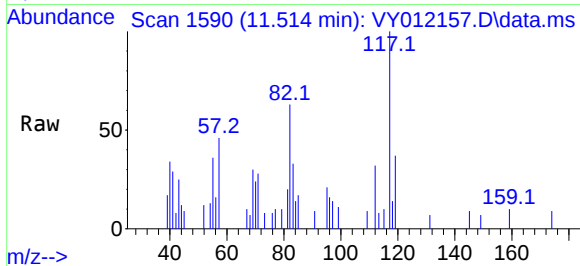




#65
Chlorobenzene
Concen: 1.453 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

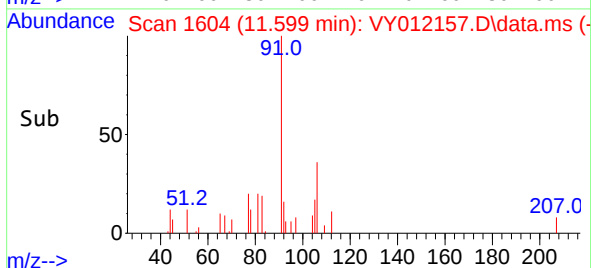
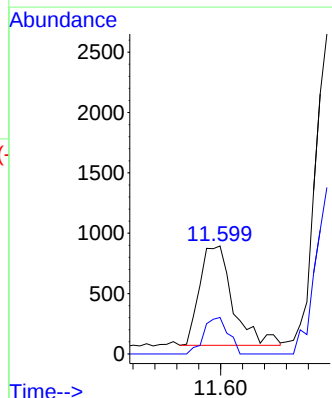
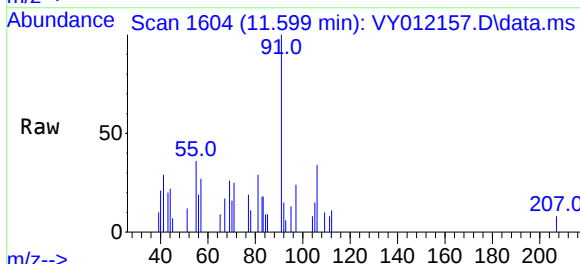
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

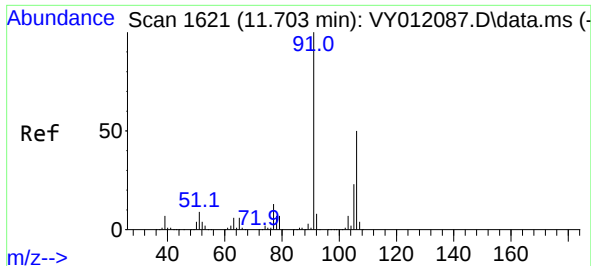
Tgt Ion:112 Resp: 235
Ion Ratio Lower Upper
112 100
114 0.0 25.3 37.9#



#67
Ethyl Benzene
Concen: 5.996 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 91 Resp: 1734
Ion Ratio Lower Upper
91 100
106 36.7 25.0 37.4

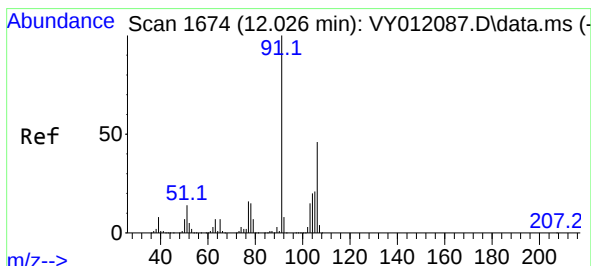
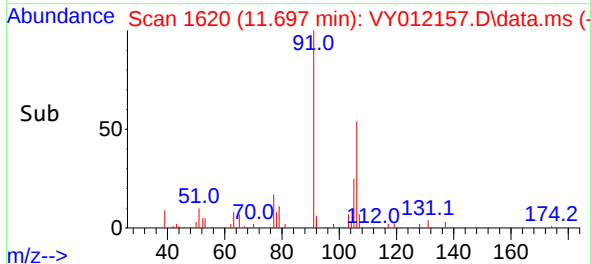
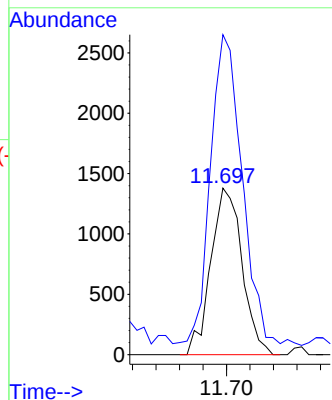
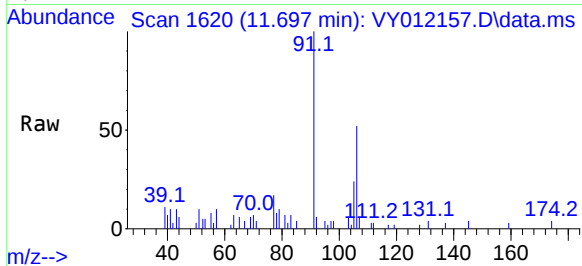




#68
m/p-Xylenes
Concen: 22.412 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

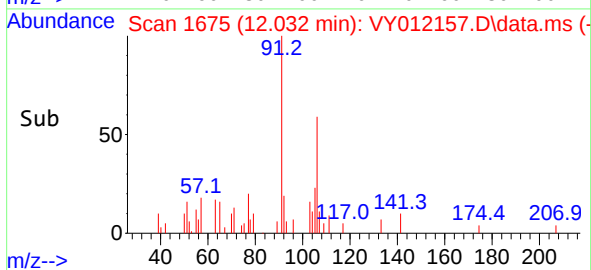
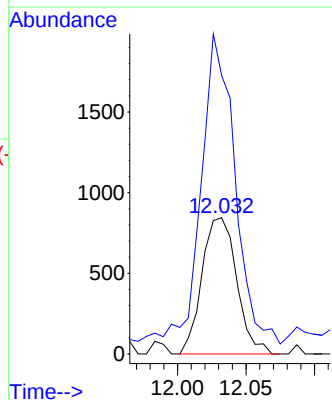
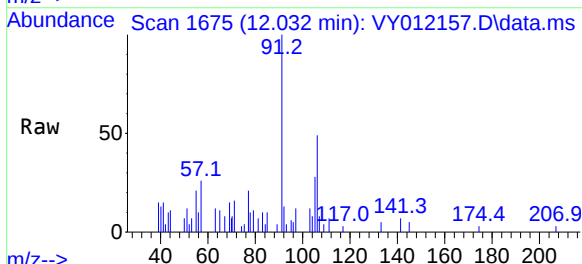
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

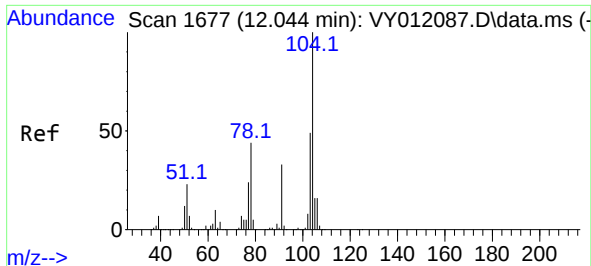
Tgt Ion:106 Resp: 2542
Ion Ratio Lower Upper
106 100
91 190.1 162.5 243.7



#69
o-Xylene
Concen: 13.751 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion:106 Resp: 1485
Ion Ratio Lower Upper
106 100
91 222.9 107.5 322.4

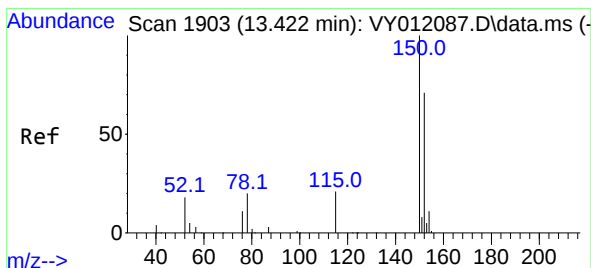
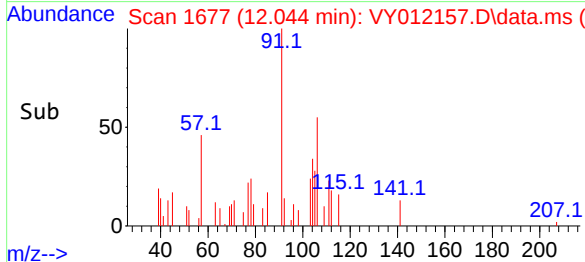
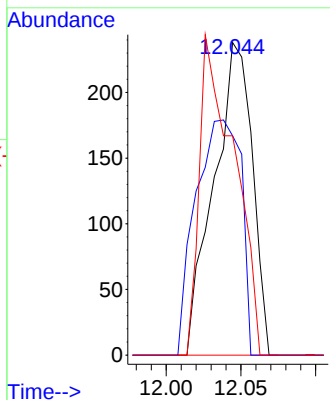
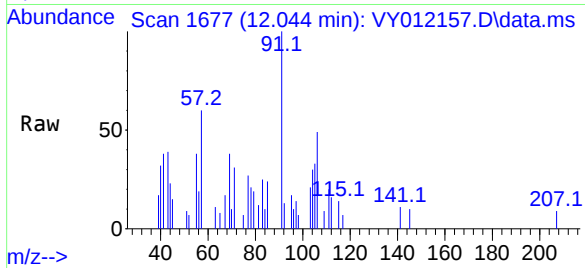




#70
Styrene
Concen: 2.317 ug/l
RT: 12.044 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

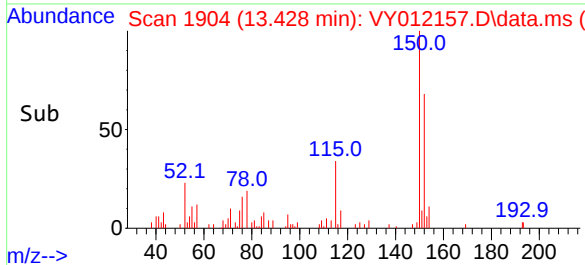
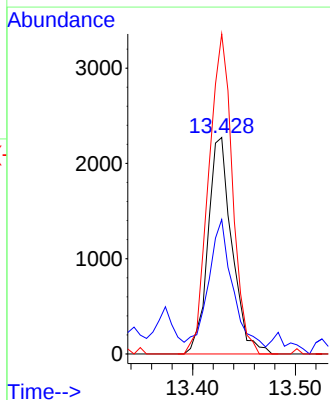
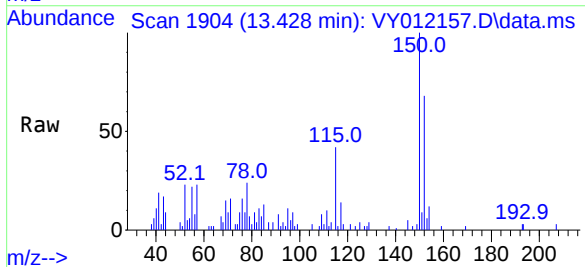
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

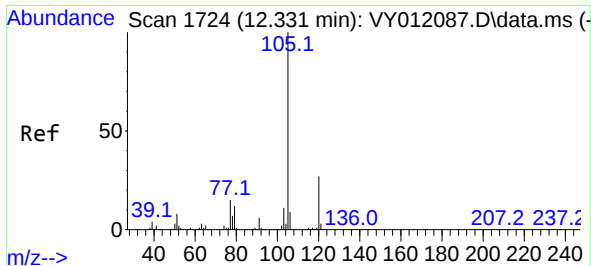
Tgt Ion:104 Resp: 425
Ion Ratio Lower Upper
104 100
78 88.5 39.4 59.0#
103 92.0 43.0 64.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion:152 Resp: 3684
Ion Ratio Lower Upper
152 100
115 59.1 29.1 87.3
150 146.1 0.0 342.6

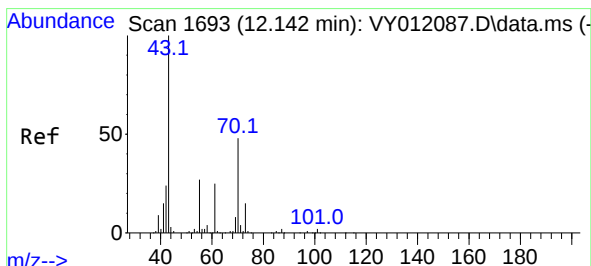
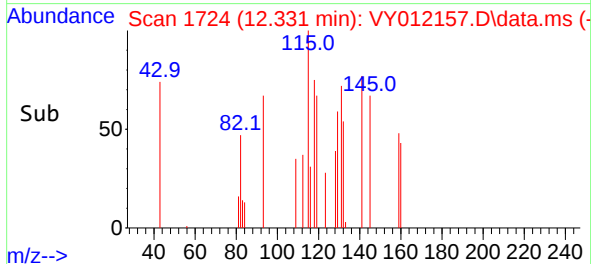
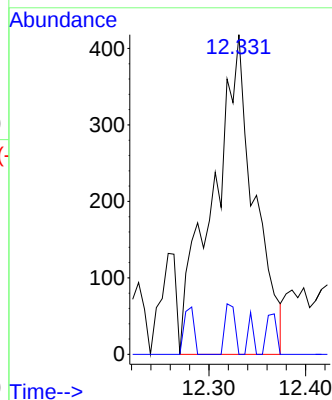
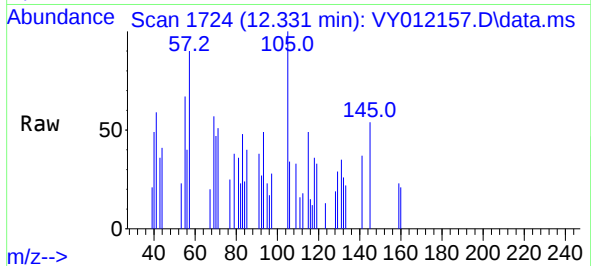




#73
Isopropylbenzene
Concen: 4.257 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

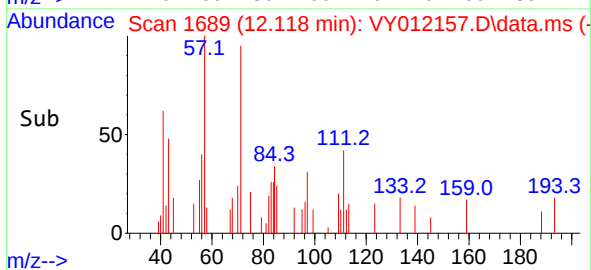
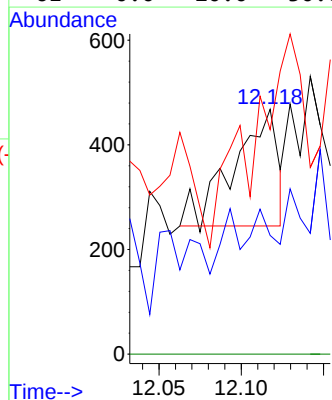
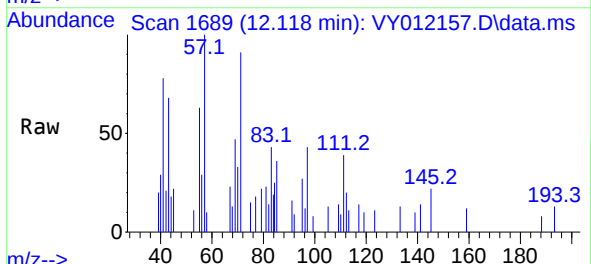
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

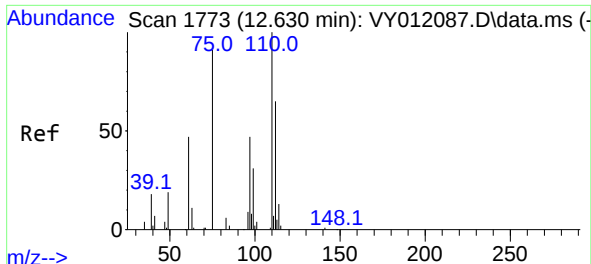
Tgt Ion:105 Resp: 1241
Ion Ratio Lower Upper
105 100
120 1.6 13.2 39.6#



#74
N-ethyl acetate
Concen: 6.929 ug/l
RT: 12.118 min Scan# 1689
Delta R.T. -0.024 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
70 0.0 35.8 53.8#
55 101.7 21.0 31.4#
61 0.0 20.0 30.0#

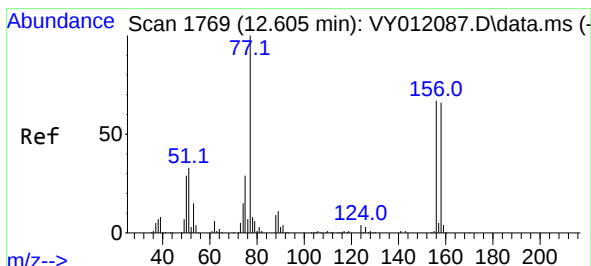
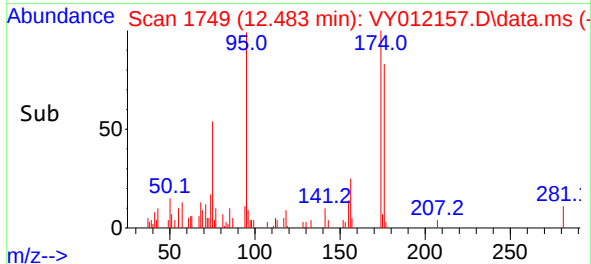
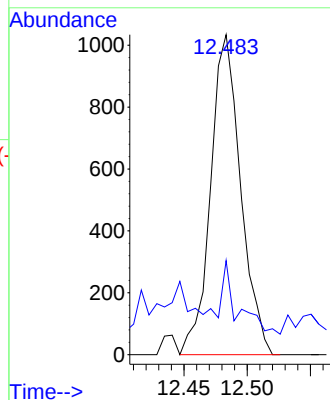
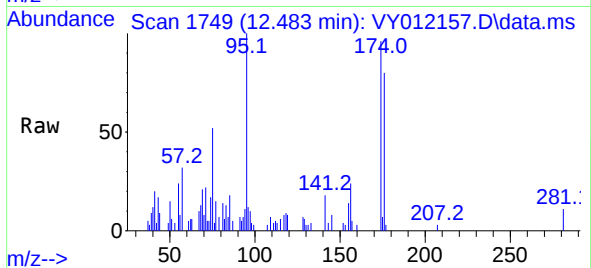




#76
1,2,3-Trichloropropane
Concen: 40.676 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.147 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

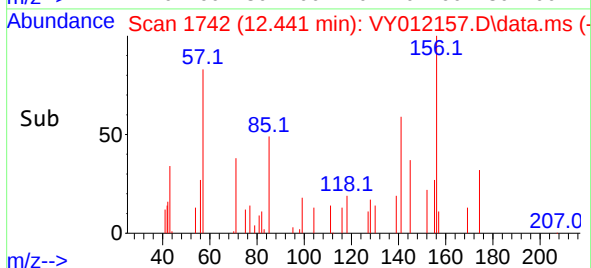
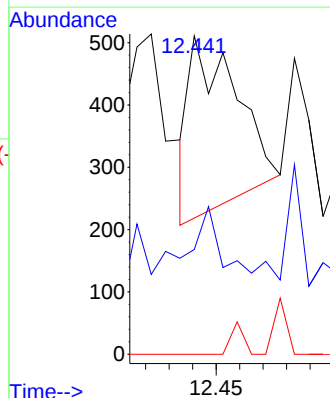
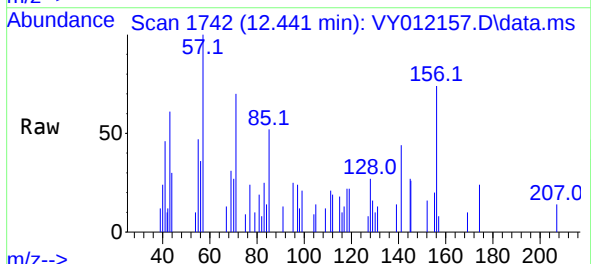
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

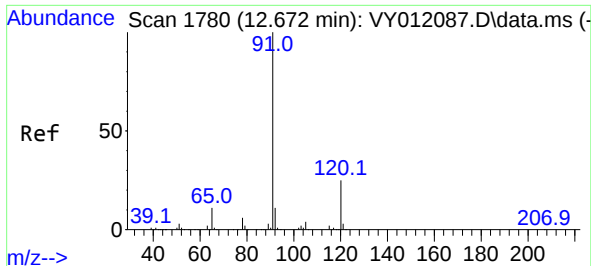
Tgt Ion: 75 Resp: 1711
Ion Ratio Lower Upper
75 100
77 14.0 0.0 0.0#



#77
Bromobenzene
Concen: 5.710 ug/l
RT: 12.441 min Scan# 1742
Delta R.T. -0.164 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion:156 Resp: 397
Ion Ratio Lower Upper
156 100
77 22.7 90.0 270.0#
158 4.8 48.4 145.2#

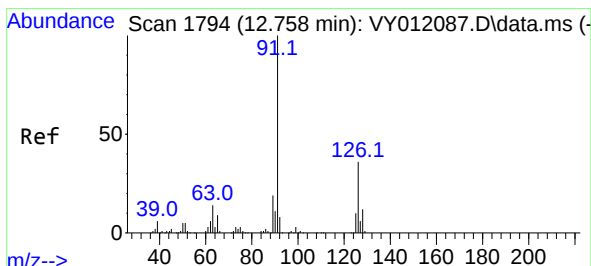
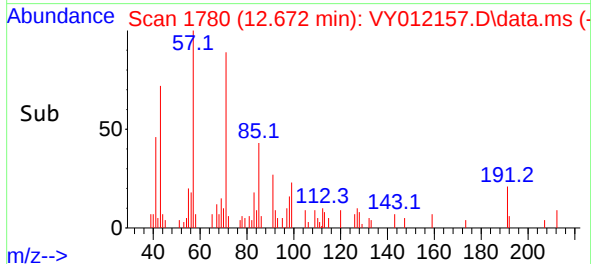
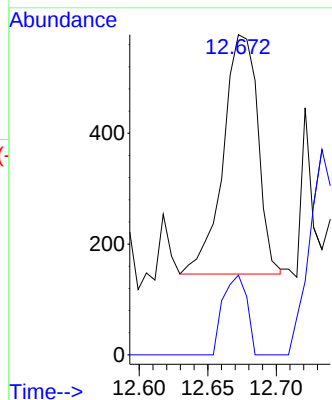
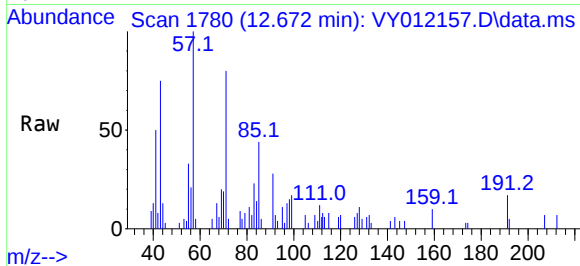




#78
n-propylbenzene
Concen: 2.236 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

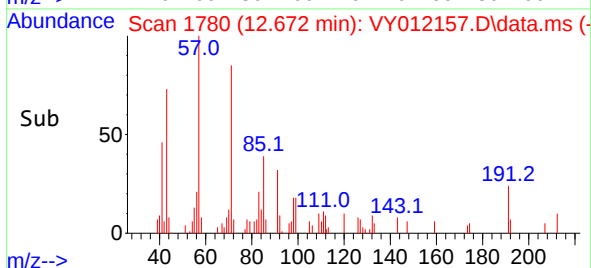
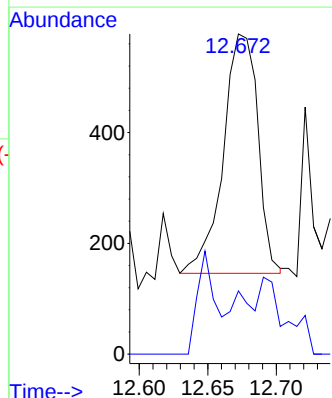
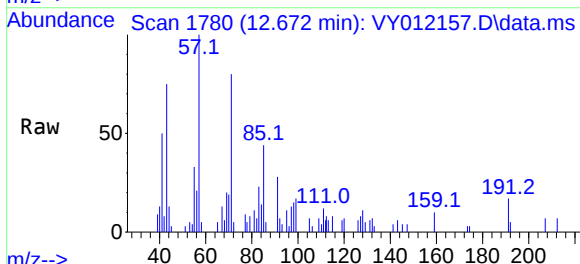
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

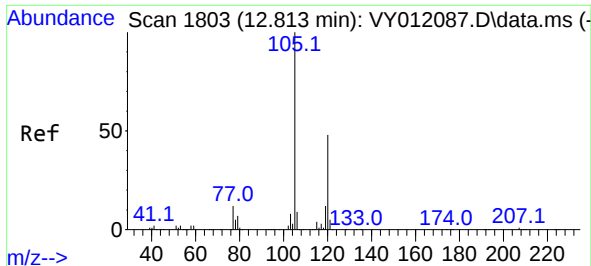
Tgt Ion: 91 Resp: 761
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.4



#79
2-Chlorotoluene
Concen: 3.909 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.086 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 91 Resp: 761
Ion Ratio Lower Upper
91 100
126 17.3 17.2 51.5

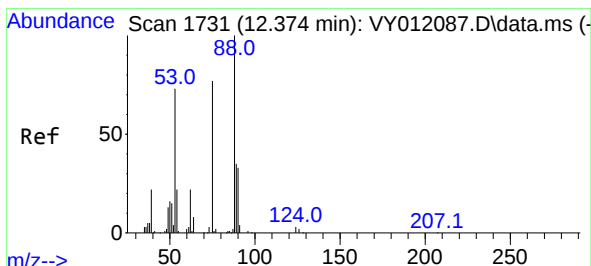
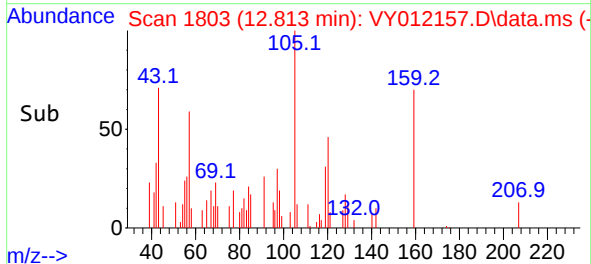
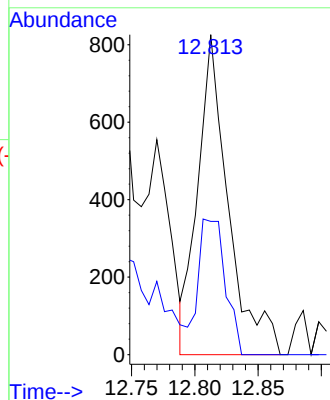
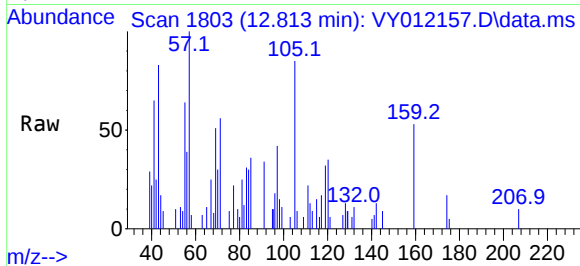




#80
1,3,5-Trimethylbenzene
Concen: 5.567 ug/l
RT: 12.813 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

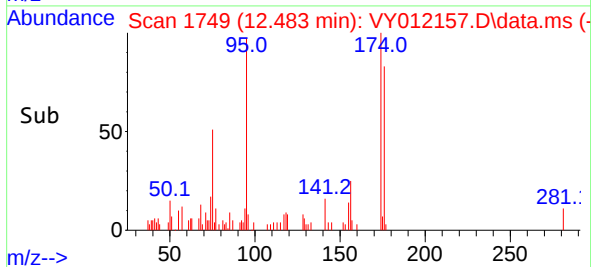
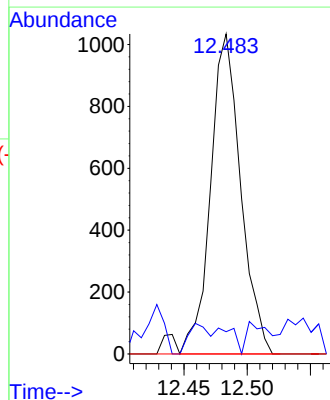
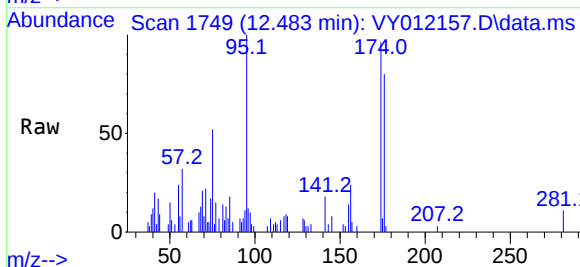
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

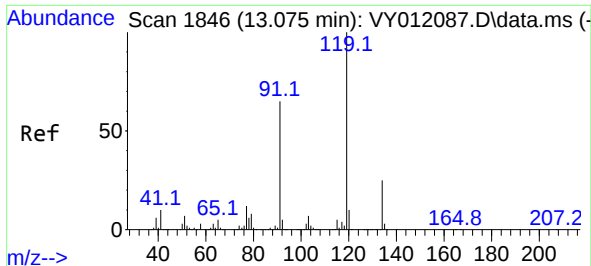
Tgt Ion:105 Resp: 1392
Ion Ratio Lower Upper
105 100
120 37.1 24.2 72.6



#81
trans-1,4-Dichloro-2-butene
Concen: 90.336 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 75 Resp: 1711
Ion Ratio Lower Upper
75 100
53 7.1 72.5 108.7#
89 0.0 37.0 55.4#

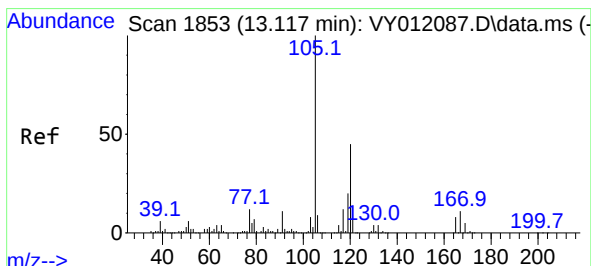
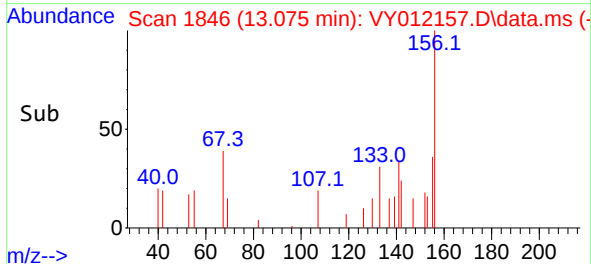
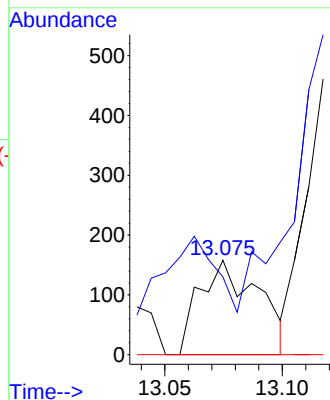
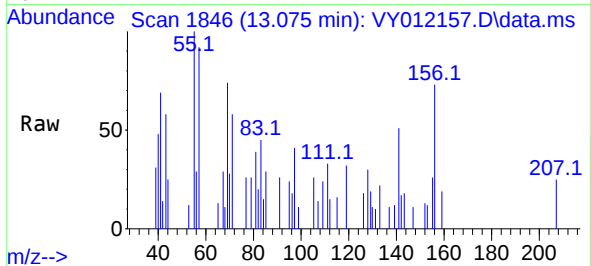




#83
tert-Butylbenzene
Concen: 1.255 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

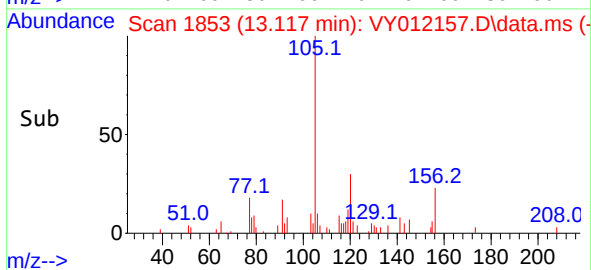
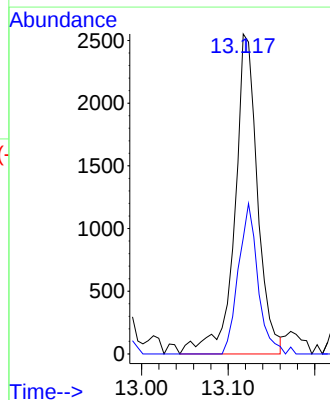
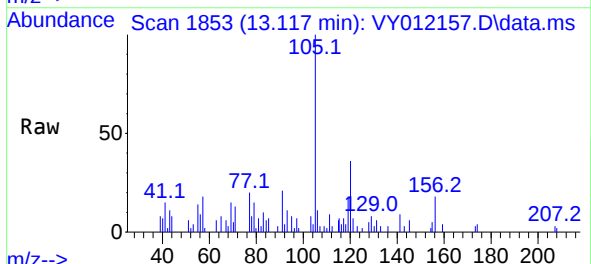
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

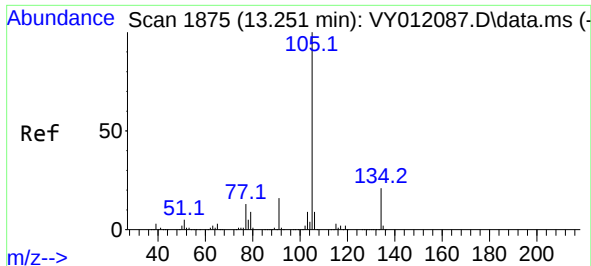
Tgt Ion:	119	Resp:	275
Ion	Ratio	Lower	Upper
119	100		
91	69.8	32.3	96.8
134	0.0	13.0	39.0



#84
1,2,4-Trimethylbenzene
Concen: 18.893 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion:	105	Resp:	4676
Ion	Ratio	Lower	Upper
105	100		
120	40.4	22.9	68.7

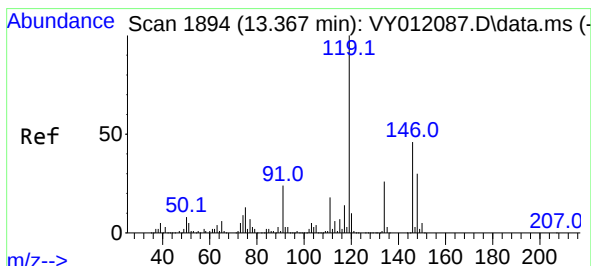
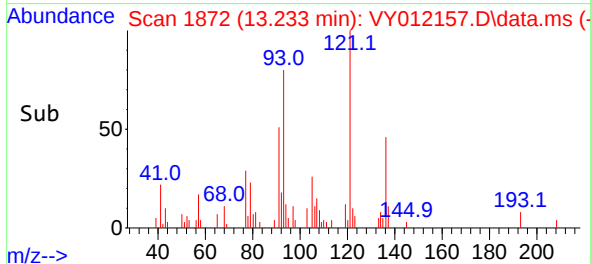
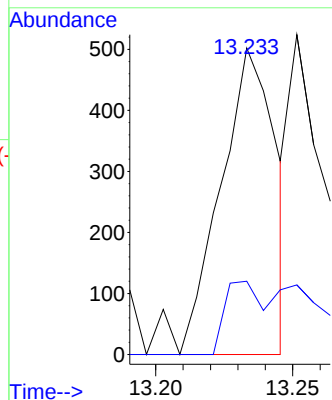
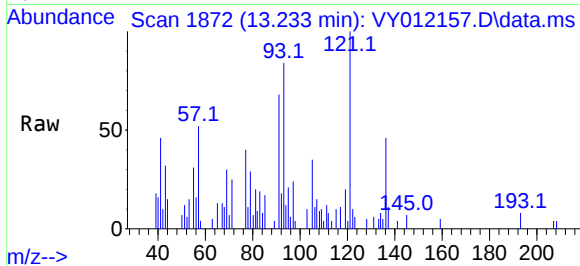




#85
 sec-Butylbenzene
 Concen: 2.220 ug/l
 RT: 13.233 min Scan# 1872
 Delta R.T. -0.018 min
 Lab File: VY012157.D
 Acq: 11 Jan 2023 12:51

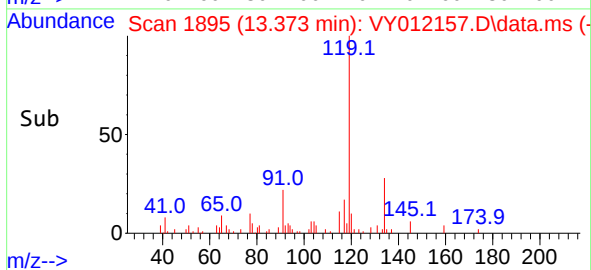
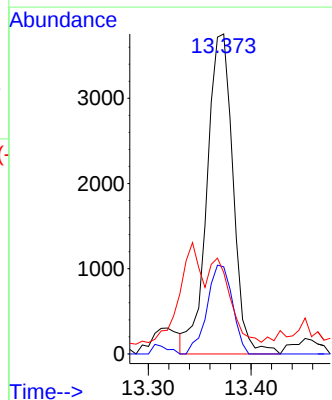
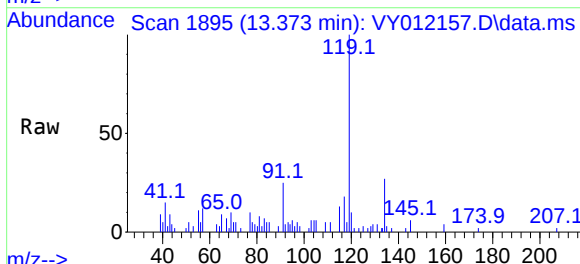
Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-6

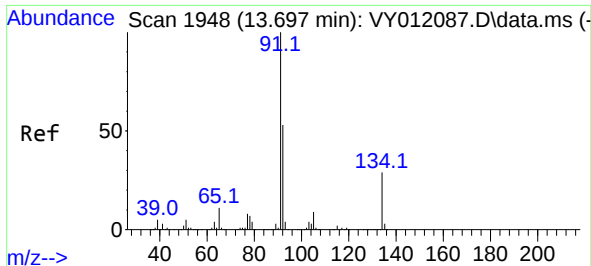
Tgt Ion:105 Resp: 699
 Ion Ratio Lower Upper
 105 100
 134 16.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 24.260 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012157.D
 Acq: 11 Jan 2023 12:51

Tgt Ion:119 Resp: 6618
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 39.0
 91 21.0 11.9 35.9





#89

n-Butylbenzene

Concen: 5.372 ug/l

RT: 13.587 min Scan# 1948

Delta R.T. -0.110 min

Lab File: VY012157.D

Acq: 11 Jan 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-6

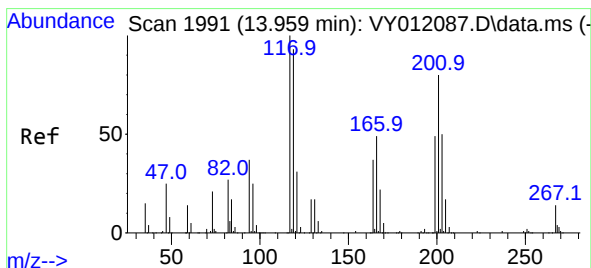
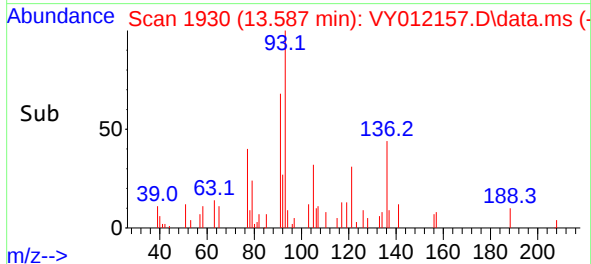
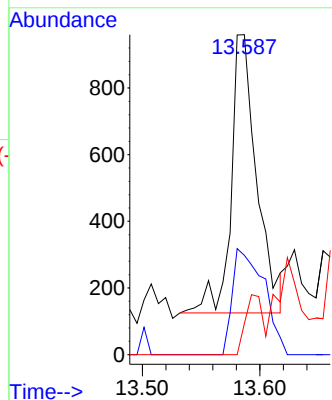
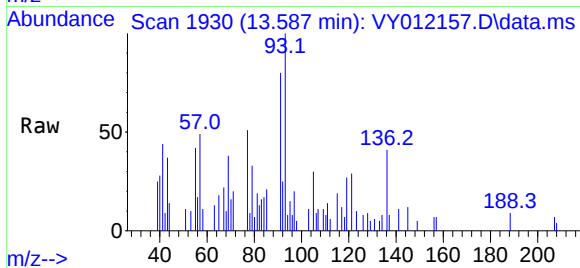
Tgt Ion: 91 Resp: 1270

Ion Ratio Lower Upper

91 100

92 46.8 26.8 80.4

134 14.5 13.3 39.8



#90

Hexachloroethane

Concen: 4.150 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY012157.D

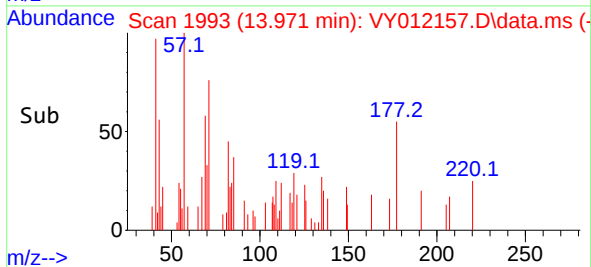
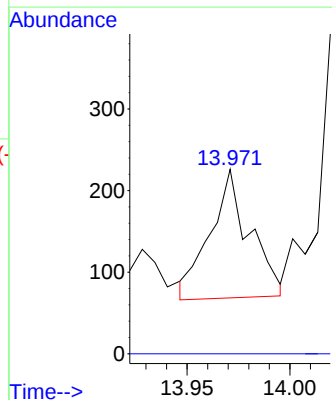
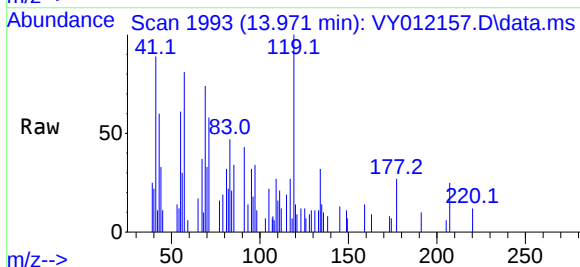
Acq: 11 Jan 2023 12:51

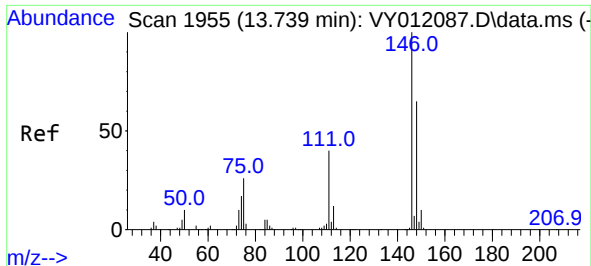
Tgt Ion: 117 Resp: 210

Ion Ratio Lower Upper

117 100

201 0.0 40.3 120.8#

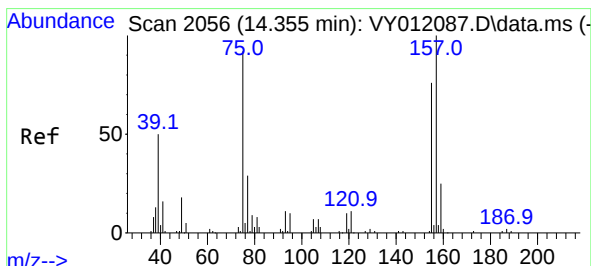
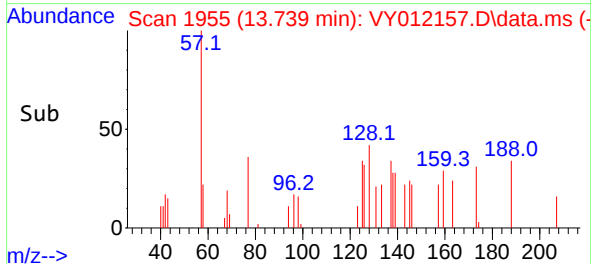
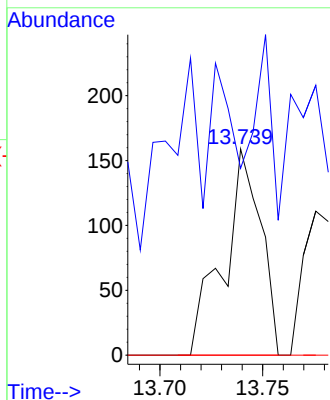
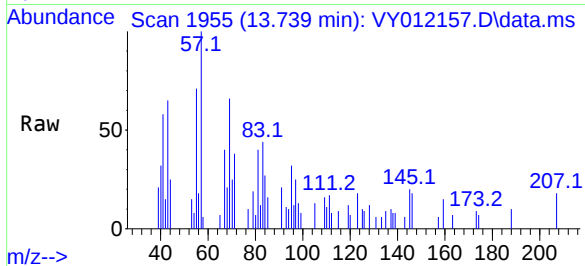




#91
1,2-Dichlorobenzene
Concen: 1.619 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

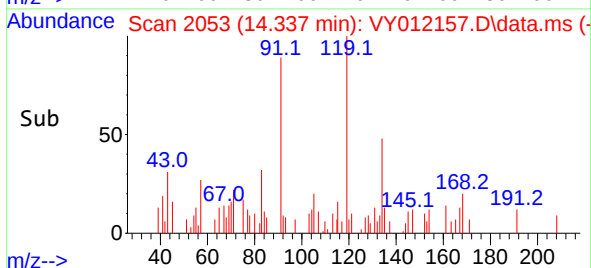
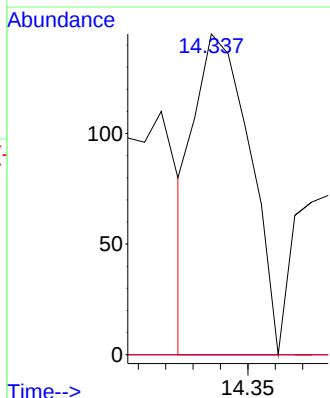
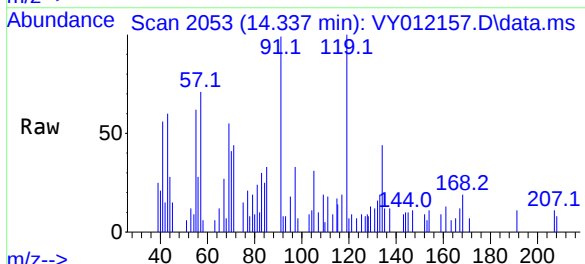
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

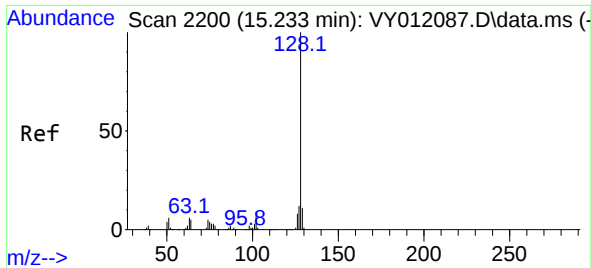
Tgt Ion:146 Resp: 201
Ion Ratio Lower Upper
146 100
111 38.3 20.3 60.8
148 0.0 31.8 95.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.034 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Tgt Ion: 75 Resp: 205
Ion Ratio Lower Upper
75 100
155 0.0 42.3 126.8#
157 0.0 54.4 163.3#





#95
Naphthalene
Concen: 7.448 ug/l
RT: 15.239 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY012157.D
Acq: 11 Jan 2023 12:51

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

Tgt Ion:	128	Resp:	1141
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	19.1	8.8	13.2#

