

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012156.D
 Acq On : 11 Jan 2023 12:28
 Operator : KP/MD
 Sample : 01061-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-4

Quant Time: Jan 12 05:48:35 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	18098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	49302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	45625	224.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 448.720%#	
35) Dibromofluoromethane	7.722	113	26207	80.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 161.740%#	
50) Toluene-d8	10.179	98	69938	54.680	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.360%	
62) 4-Bromofluorobenzene	12.483	95	46287	103.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 207.060%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	143	Below Cal	#	41
5) Bromomethane	2.668	94	221	Below Cal	#	75
10) Methyl Iodide	4.088	142	258	1.055	ug/l #	66
11) Tert butyl alcohol	4.972	59	20	Below Cal	#	74
16) Acetone	3.997	43	42362	885.529	ug/l	98
17) Carbon Disulfide	4.186	76	816	Below Cal	#	82
18) Methyl Acetate	4.503	43	2108	15.319	ug/l	98
20) Methylene Chloride	4.716	84	10301	51.059	ug/l #	87
25) 2-Butanone	7.015	43	6568	104.063	ug/l	100
26) 2,2-Dichloropropane	6.984	77	455	1.293	ug/l #	53
28) Bromochloromethane	7.508	49	3498	42.407	ug/l #	10
30) Chloroform	7.502	83	48550	130.540	ug/l	99
31) Cyclohexane	7.771	56	607	Below Cal	#	67
36) 1,1-Dichloropropene	7.783	75	1334	2.713	ug/l #	42
37) Ethyl Acetate	7.082	43	838	3.183	ug/l #	86
38) Carbon Tetrachloride	7.789	117	1898	3.042	ug/l #	14
39) Methylcyclohexane	9.179	83	1484	2.527	ug/l	90
40) Benzene	8.167	78	1921	1.341	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	5688	24.231	ug/l	99
52) Toluene	10.246	92	28151	29.686	ug/l	100
55) 1,1,2-Trichloroethane	10.624	97	936	3.225	ug/l #	16
59) 2-Hexanone	10.837	43	1277	7.747	ug/l	90
67) Ethyl Benzene	11.593	91	19364	5.451	ug/l	93
68) m/p-Xylenes	11.697	106	32996	23.683	ug/l	98
69) o-Xylene	12.032	106	20896	15.752	ug/l	97
70) Styrene	12.044	104	2894	1.284	ug/l #	1
73) Isopropylbenzene	12.337	105	4869	1.036	ug/l	95
74) N-amyl acetate	12.117	43	3211	3.308	ug/l #	57
76) 1,2,3-Trichloropropane	12.483	75	24794	36.543	ug/l #	100
78) n-propylbenzene	12.672	91	11333	2.065	ug/l	98
79) 2-Chlorotoluene	12.733	91	3873	1.234	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	19006	4.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	24794	81.156	ug/l #	13
82) 4-Chlorotoluene	12.892	91	3369	1.026	ug/l #	41
83) tert-Butylbenzene	13.123	119	9481	2.683	ug/l #	49
84) 1,2,4-Trimethylbenzene	13.117	105	75683	18.958	ug/l	99

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Quant Time: Jan 12 05:48:35 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

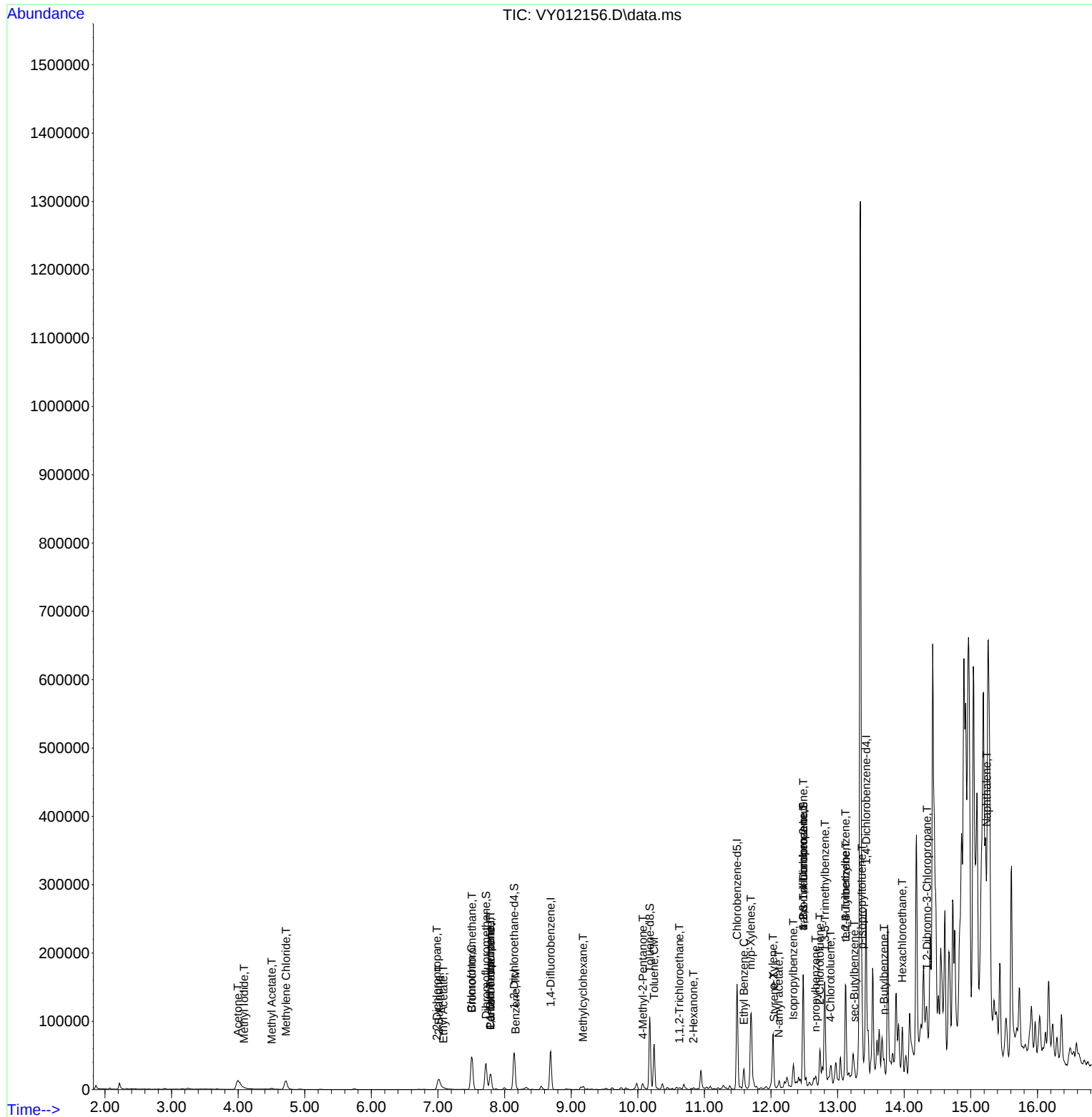
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.251	105	8455	1.665	ug/l	82
86) p-Isopropyltoluene	13.367	119	46768	10.629	ug/l #	77
89) n-Butylbenzene	13.696	91	10381	2.723	ug/l #	74
90) Hexachloroethane	13.971	117	2666	3.266	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.342	75	314	1.997	ug/l #	1
95) Naphthalene	15.239	128	18717	7.575	ug/l #	93

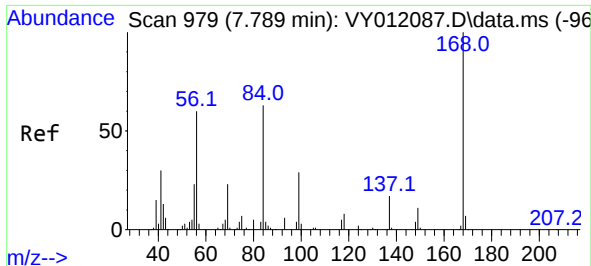
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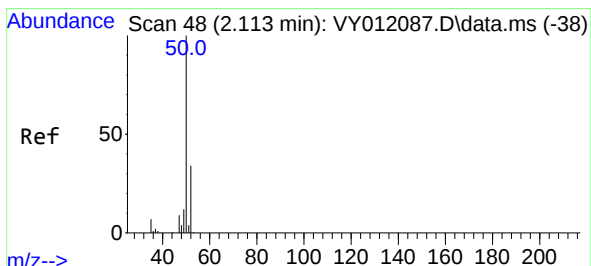
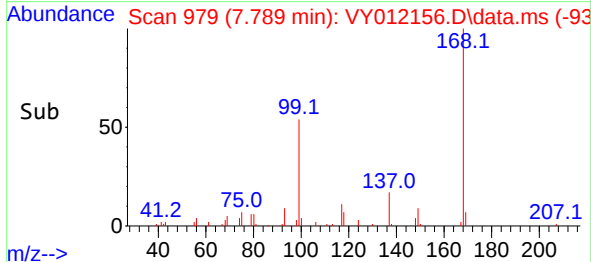
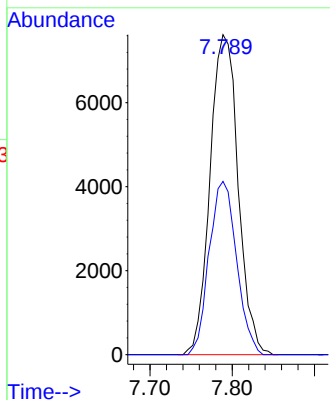
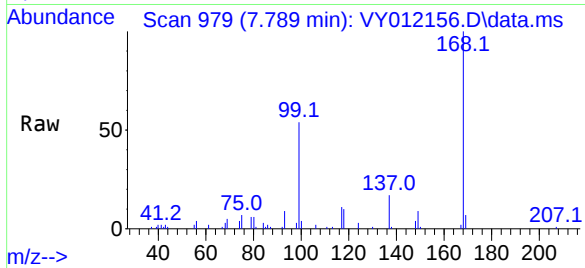




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

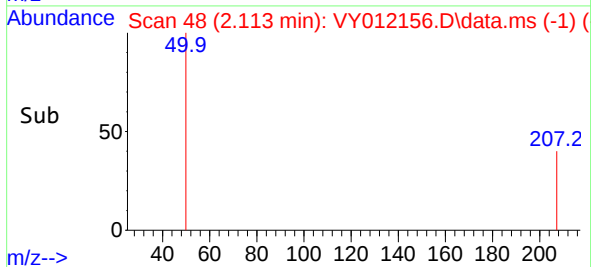
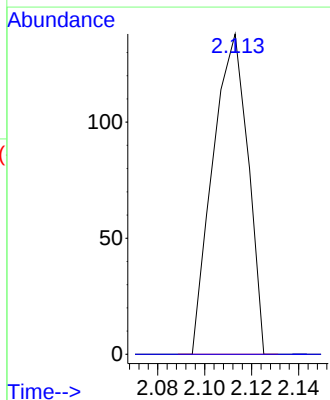
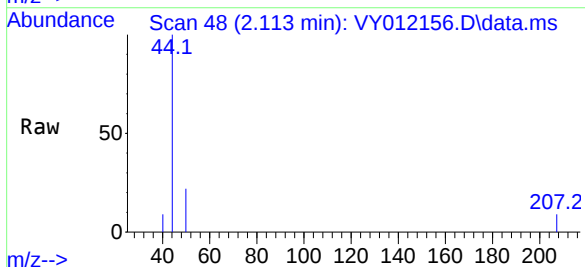
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

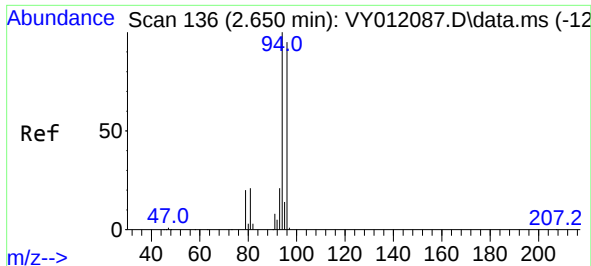
Tgt Ion:168 Resp: 18098
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 50 Resp: 143
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

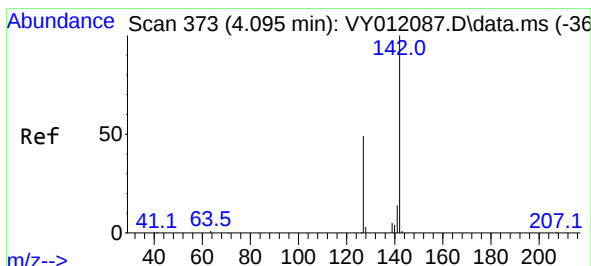
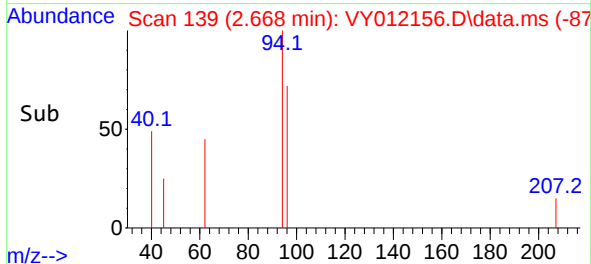
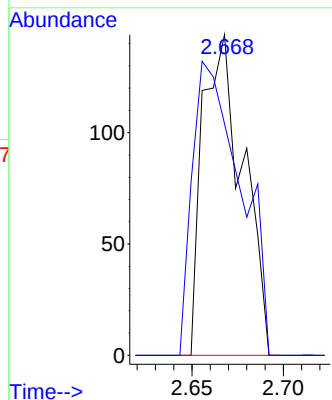
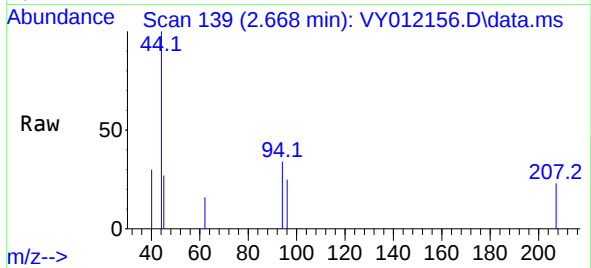




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

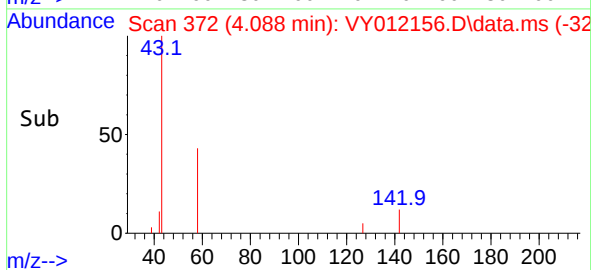
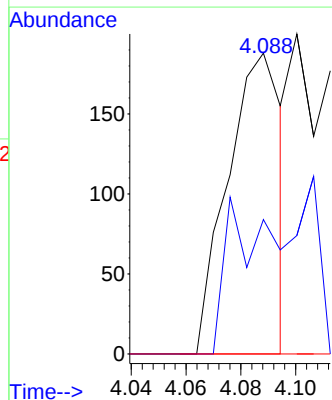
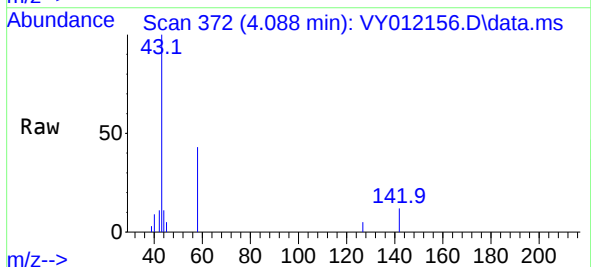
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

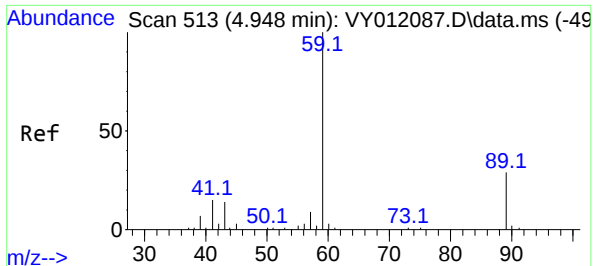
Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 72.2 77.4 116.2#



#10
Methyl Iodide
Concen: 1.055 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 142 Resp: 258
Ion Ratio Lower Upper
142 100
127 69.0 37.0 55.4#
141 0.0 11.4 17.0#

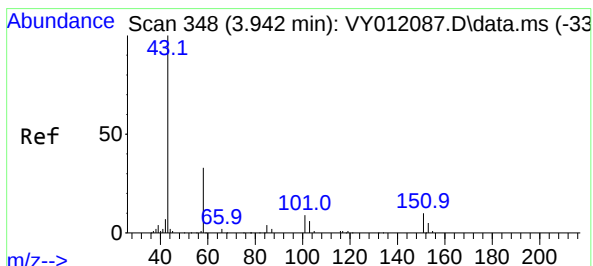
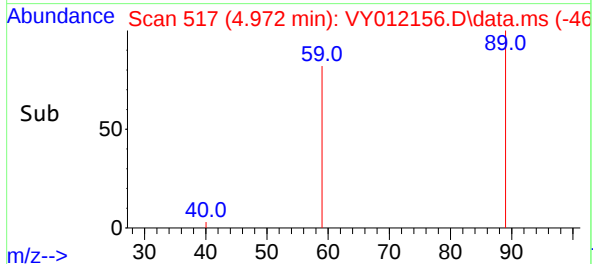
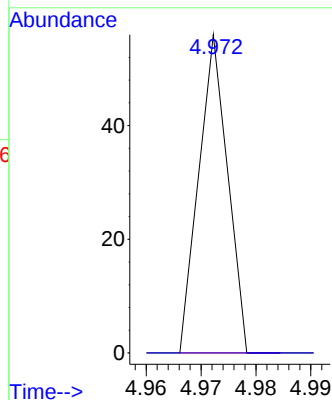
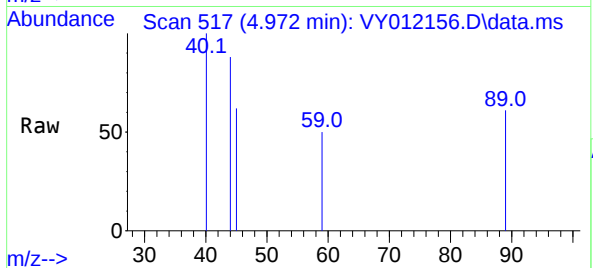




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

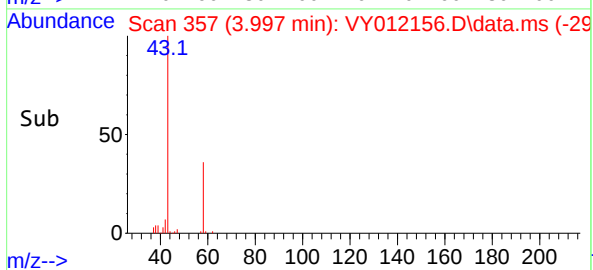
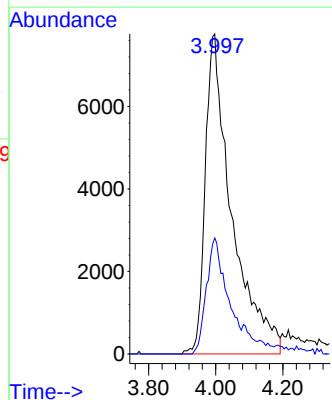
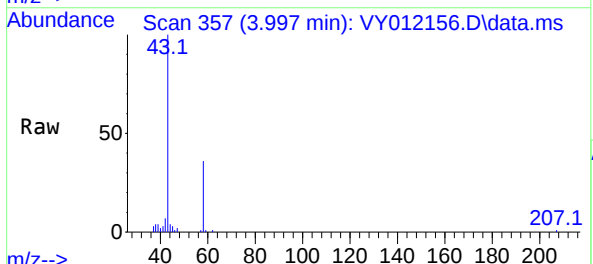
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

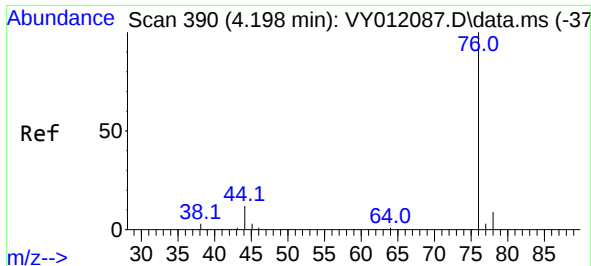
Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 885.529 ug/l
RT: 3.997 min Scan# 357
Delta R.T. 0.055 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 43 Resp: 42362
Ion Ratio Lower Upper
43 100
58 36.3 27.9 41.9

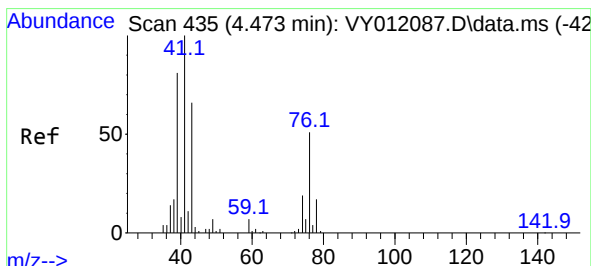
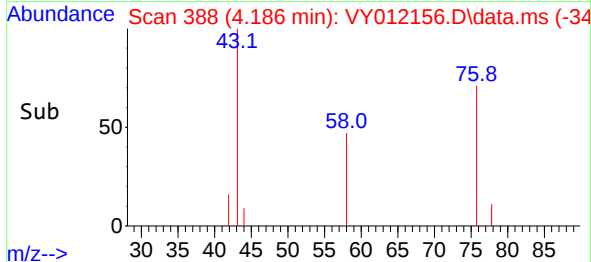
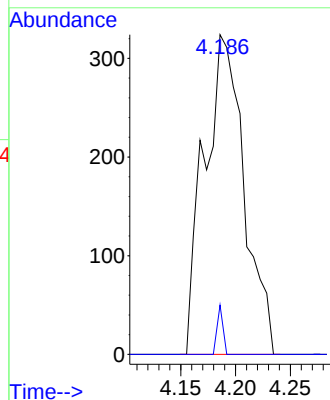
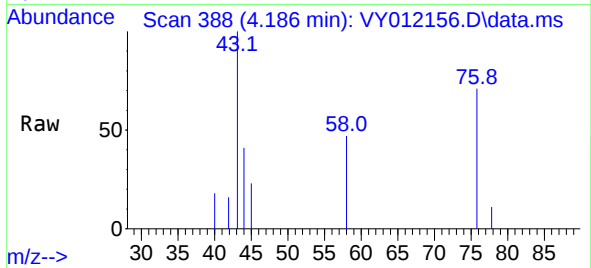




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

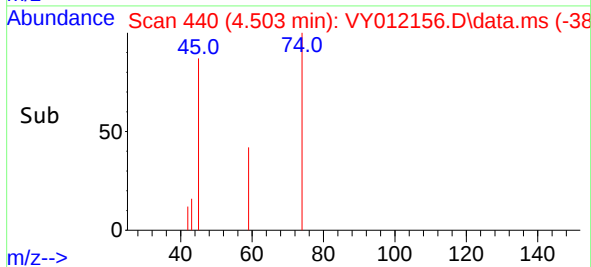
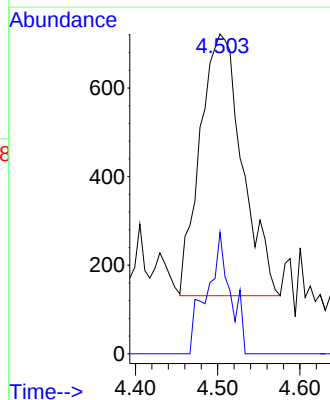
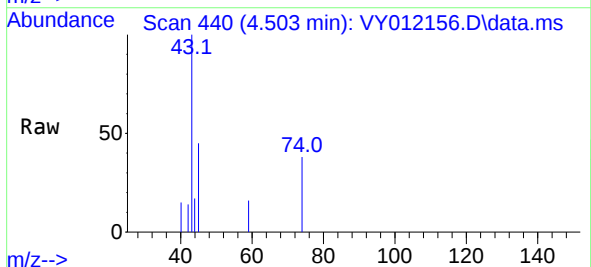
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

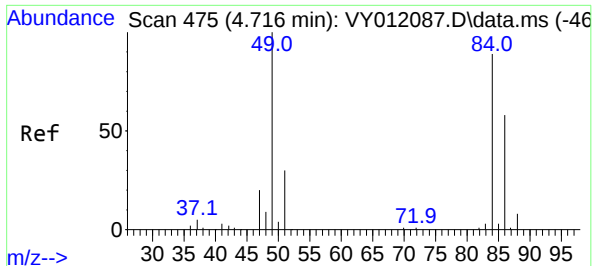
Tgt Ion: 76 Resp: 816
Ion Ratio Lower Upper
76 100
78 15.4 7.2 10.8#



#18
Methyl Acetate
Concen: 15.319 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.030 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 43 Resp: 2108
Ion Ratio Lower Upper
43 100
74 25.9 20.1 30.1



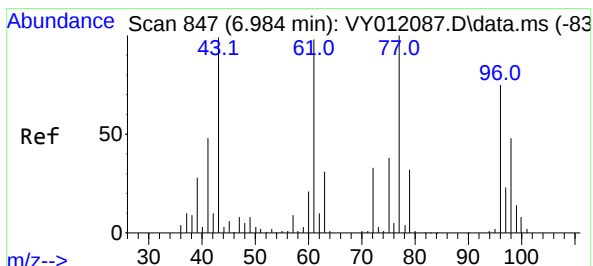
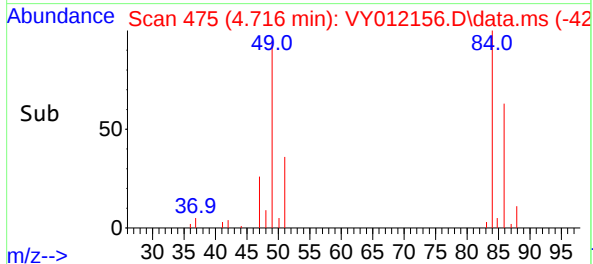
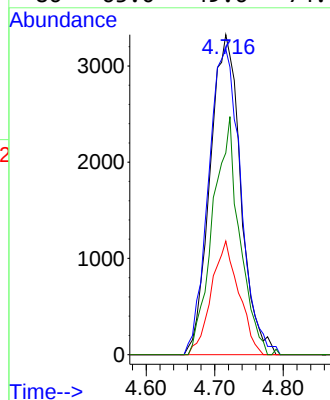
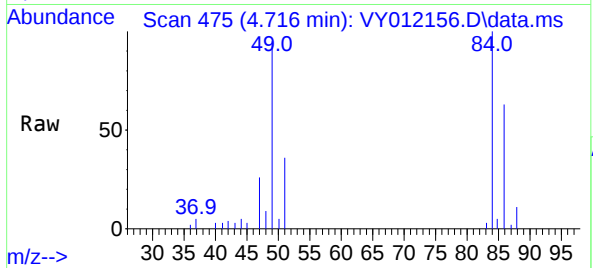


#20
Methylene Chloride
Concen: 51.059 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

Tgt Ion: 84 Resp: 10301

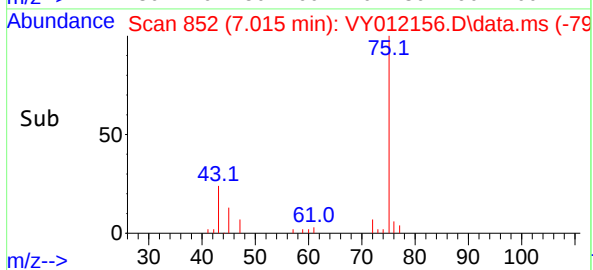
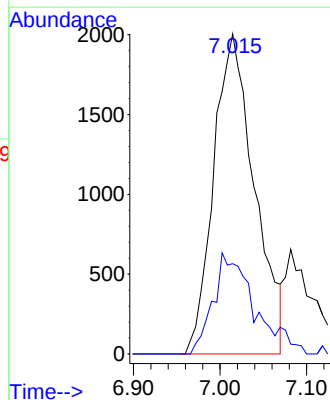
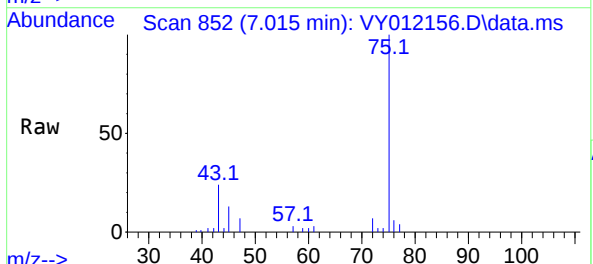
Ion	Ratio	Lower	Upper
84	100		
49	95.4	95.4	143.2#
51	35.5	29.9	44.9
86	63.0	49.6	74.4

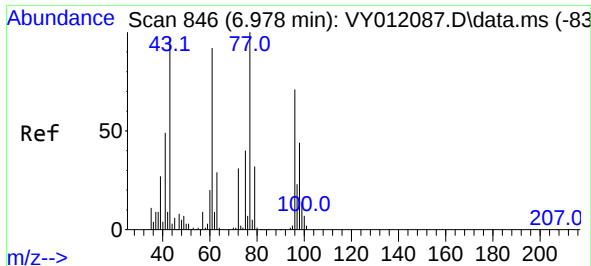


#25
2-Butanone
Concen: 104.063 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.031 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 43 Resp: 6568

Ion	Ratio	Lower	Upper
43	100		
72	28.2	22.6	34.0





#26

2,2-Dichloropropane

Concen: 1.293 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY012156.D

Acq: 11 Jan 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

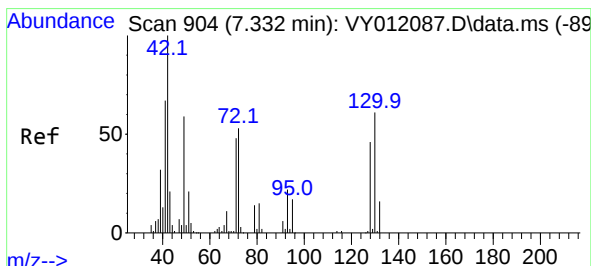
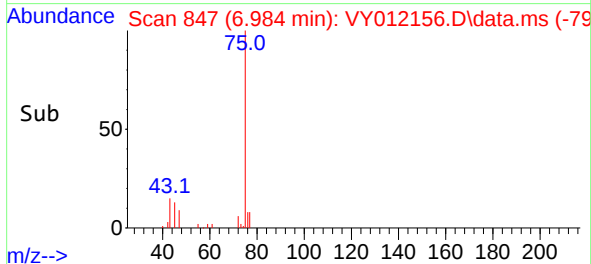
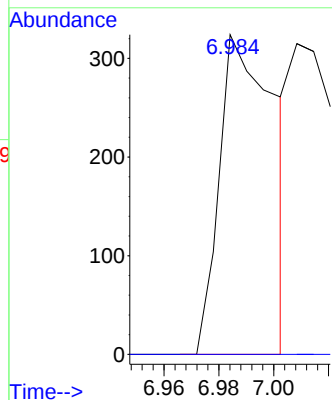
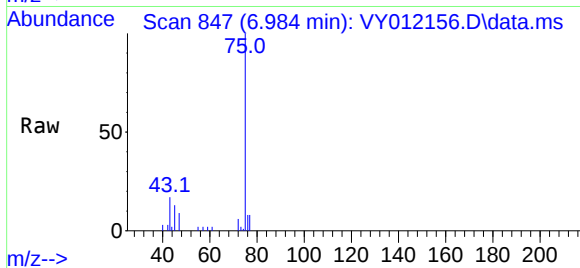
SLUDGE-4

Tgt Ion: 77 Resp: 455

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#28

Bromochloromethane

Concen: 42.407 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.176 min

Lab File: VY012156.D

Acq: 11 Jan 2023 12:28

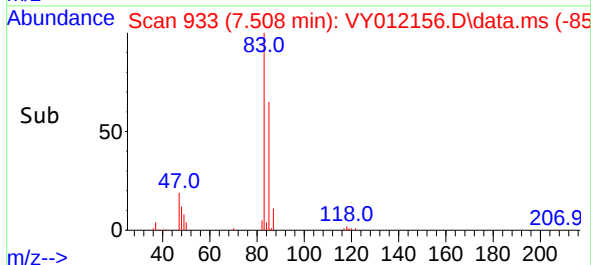
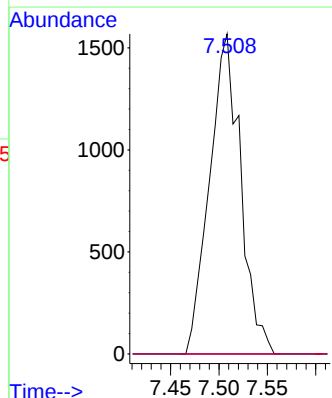
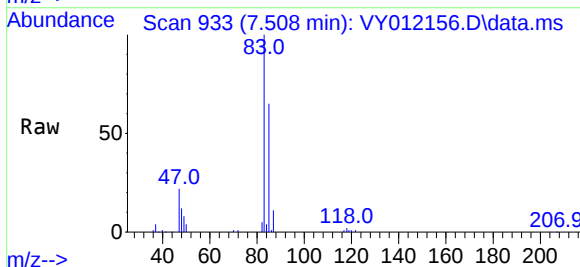
Tgt Ion: 49 Resp: 3498

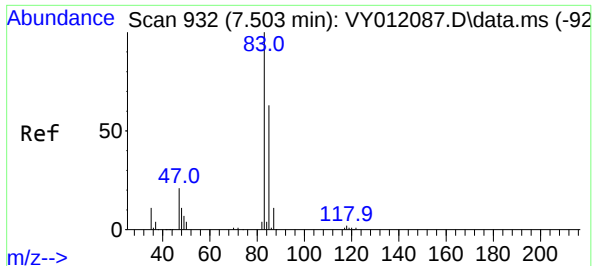
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 66.7 100.1#

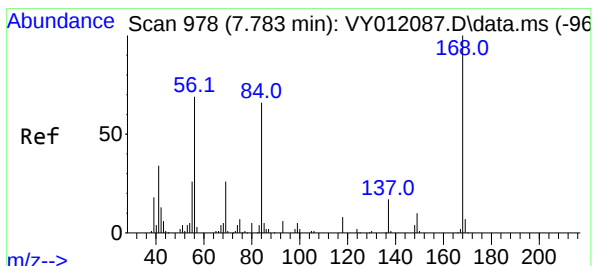
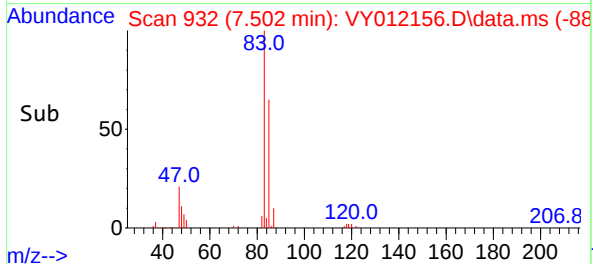
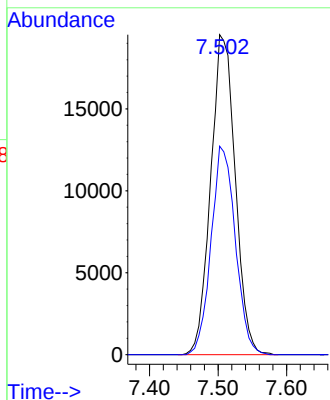
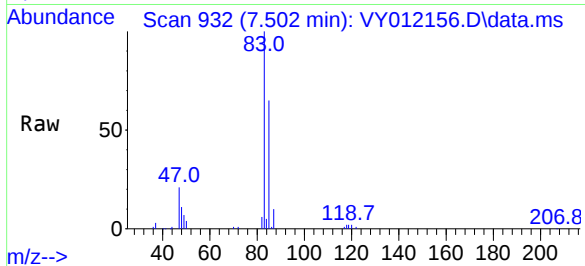




#30
Chloroform
Concen: 130.540 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

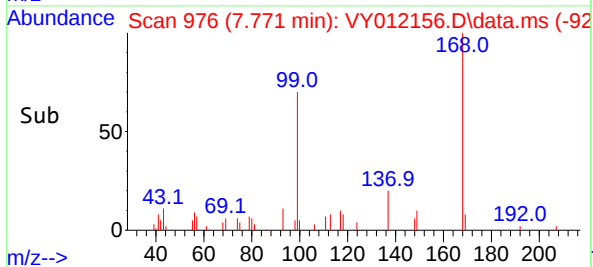
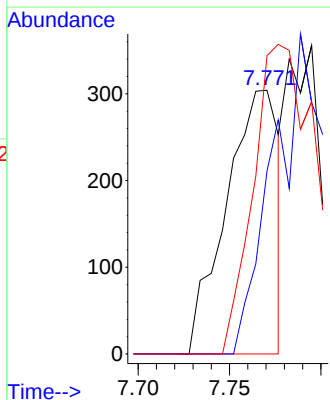
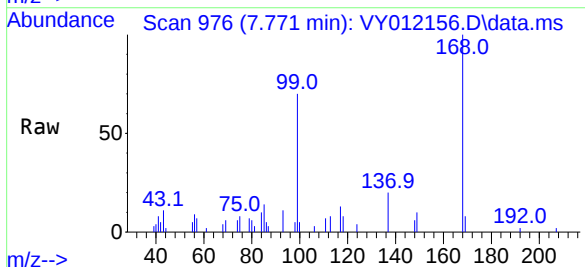
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

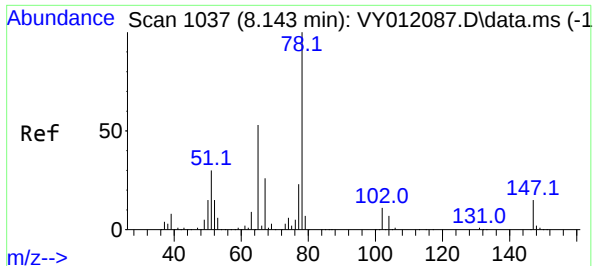
Tgt Ion: 83 Resp: 48550
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.771 min Scan# 976
Delta R.T. -0.013 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 56 Resp: 607
Ion Ratio Lower Upper
56 100
69 69.4 29.2 43.8#
84 113.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 224.356 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012156.D

Acq: 11 Jan 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

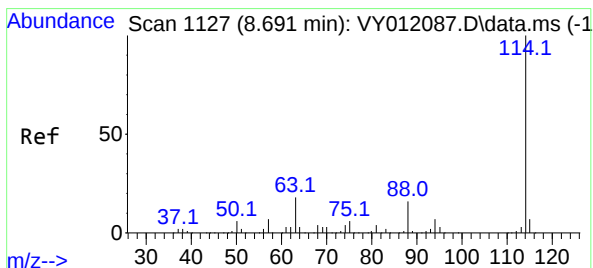
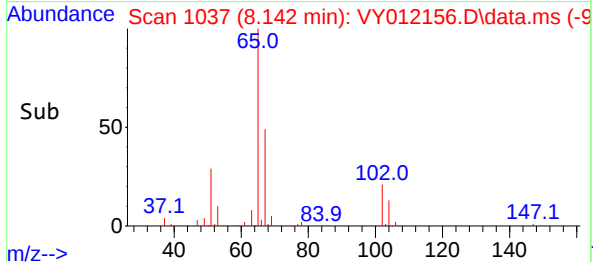
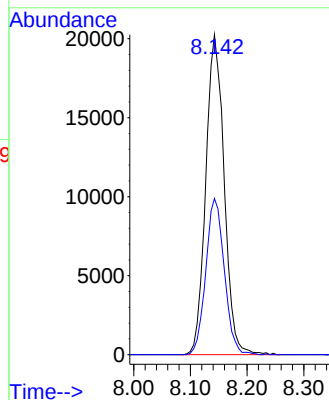
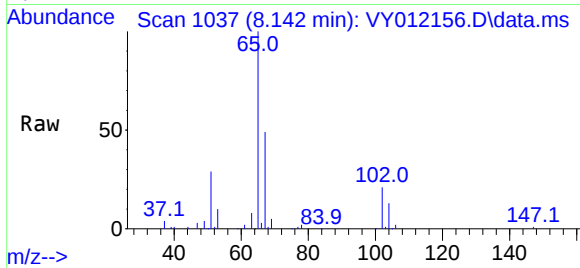
SLUDGE-4

Tgt Ion: 65 Resp: 45625

Ion Ratio Lower Upper

65 100

67 49.1 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: VY012156.D

Acq: 11 Jan 2023 12:28

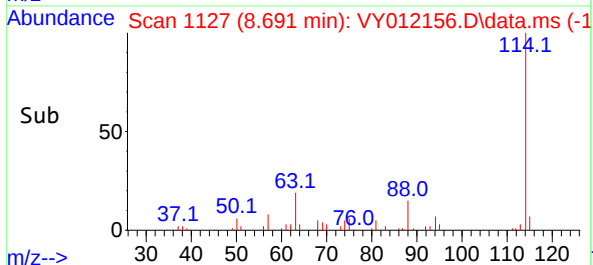
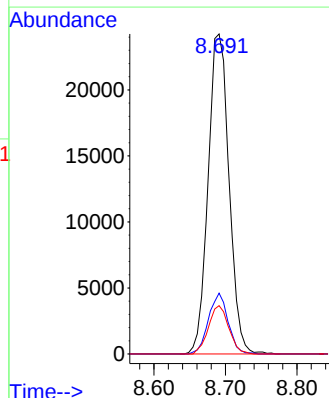
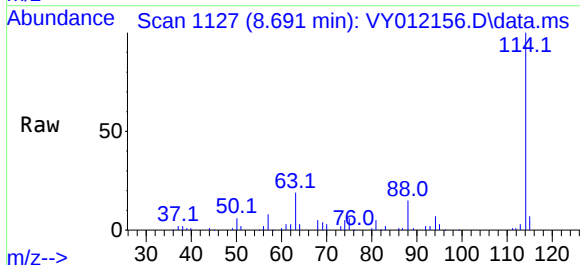
Tgt Ion: 114 Resp: 49302

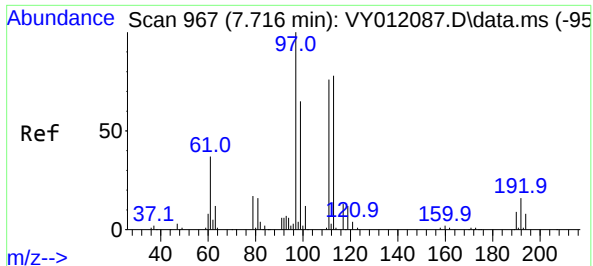
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.1 0.0 32.2

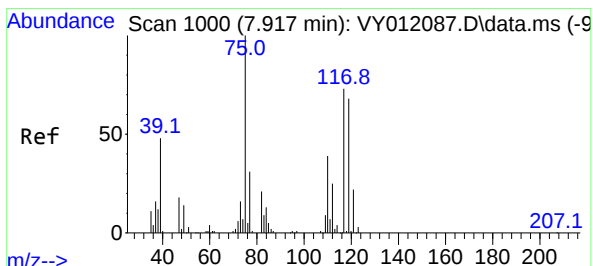
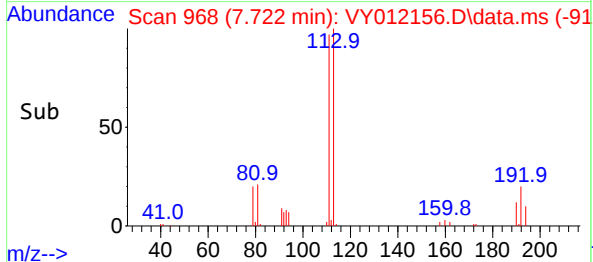
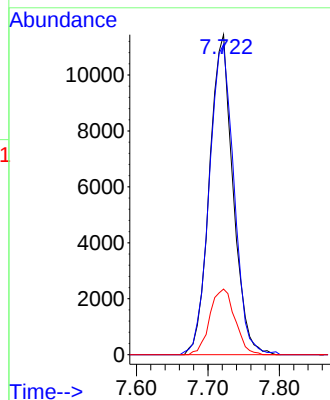
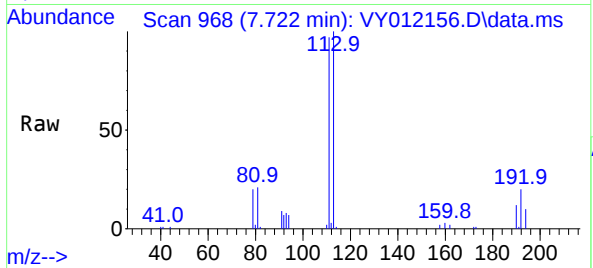




#35
Dibromofluoromethane
Concen: 80.872 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

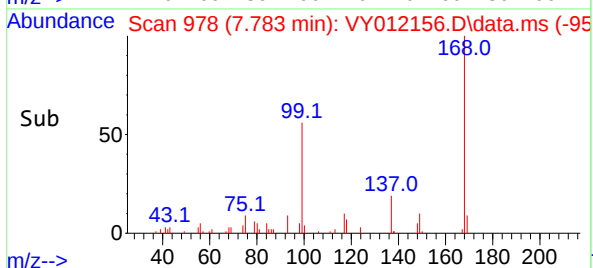
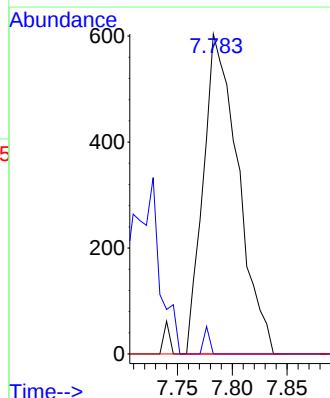
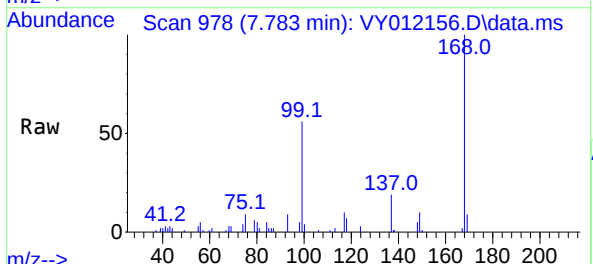
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

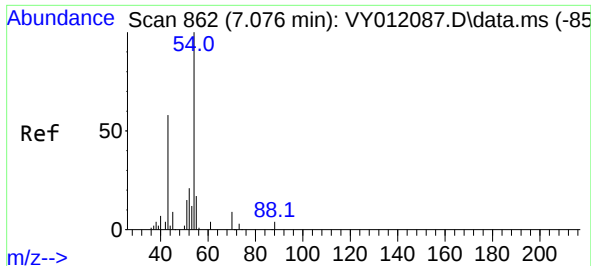
Tgt Ion:113 Resp: 26207
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 21.8 16.0 24.0



#36
1,1-Dichloropropene
Concen: 2.713 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 75 Resp: 1334
Ion Ratio Lower Upper
75 100
110 1.4 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 3.183 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY012156.D

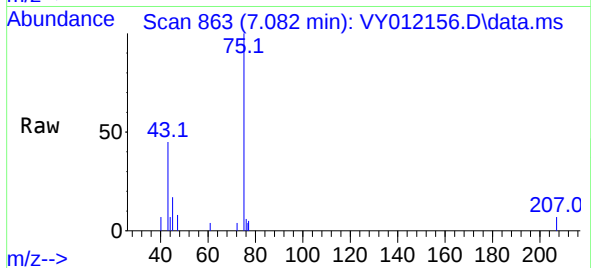
Acq: 11 Jan 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-4



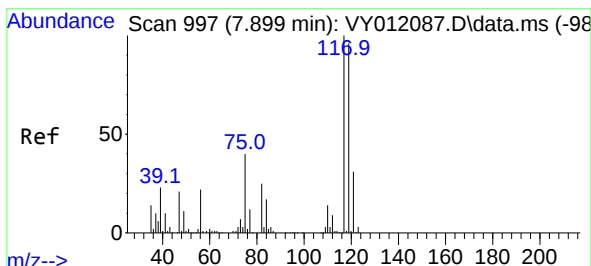
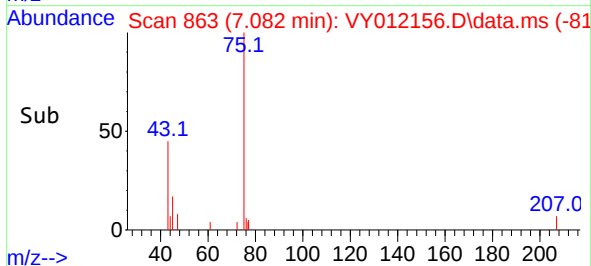
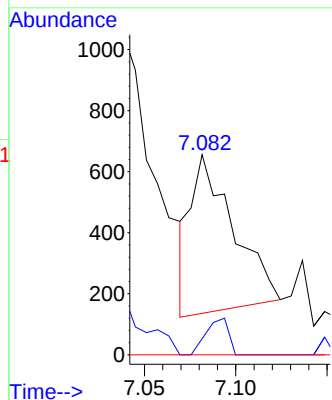
Tgt Ion: 43 Resp: 838

Ion Ratio Lower Upper

43 100

61 12.2 11.3 16.9

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 3.042 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012156.D

Acq: 11 Jan 2023 12:28

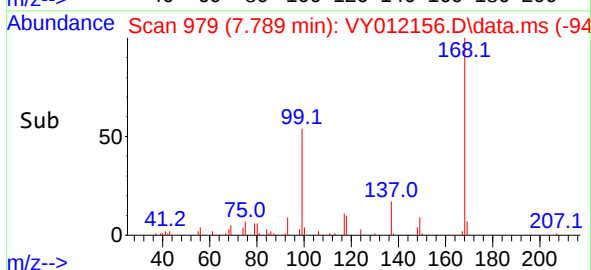
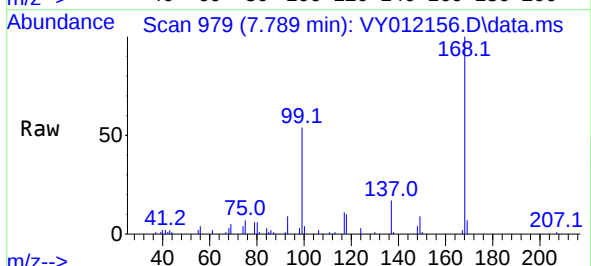
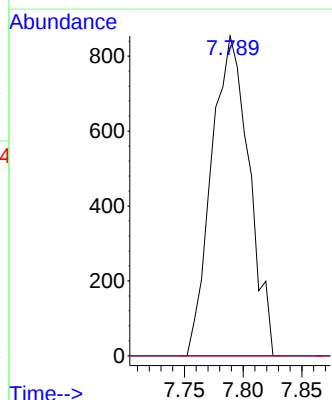
Tgt Ion: 117 Resp: 1898

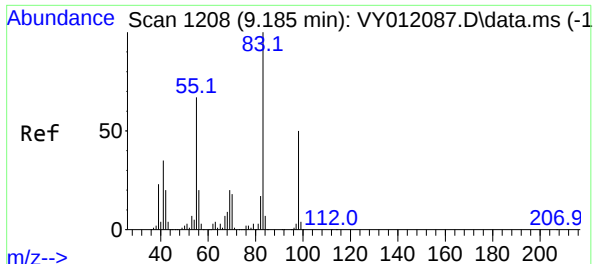
Ion Ratio Lower Upper

117 100

119 0.0 73.8 110.8#

121 0.0 25.2 37.8#





#39

Methylcyclohexane

Concen: 2.527 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012156.D

Acq: 11 Jan 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-4

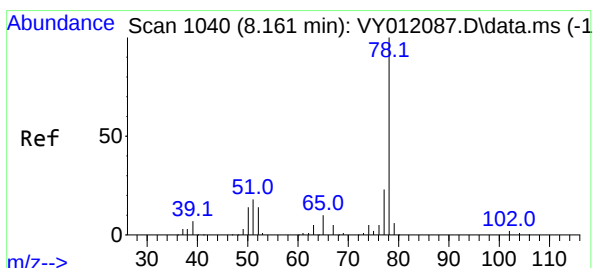
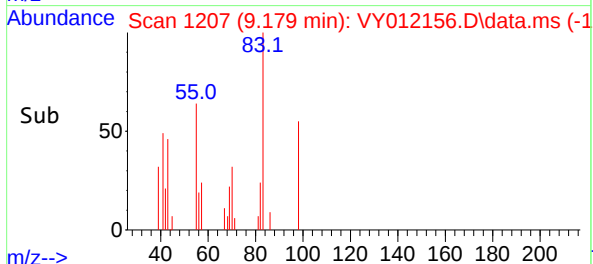
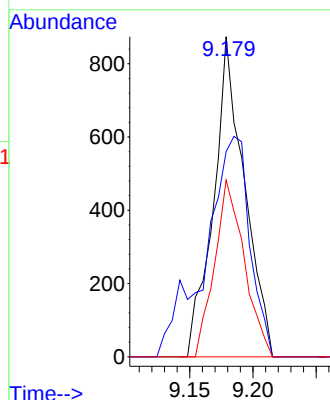
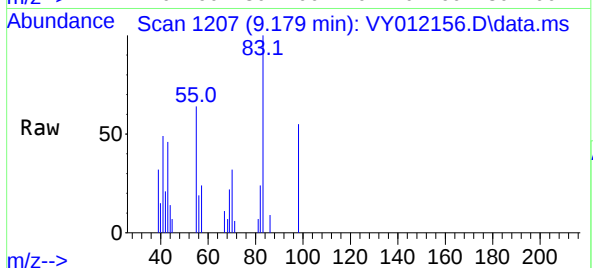
Tgt Ion: 83 Resp: 1484

Ion Ratio Lower Upper

83 100

55 64.1 58.2 87.2

98 55.3 38.6 58.0



#40

Benzene

Concen: 1.341 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY012156.D

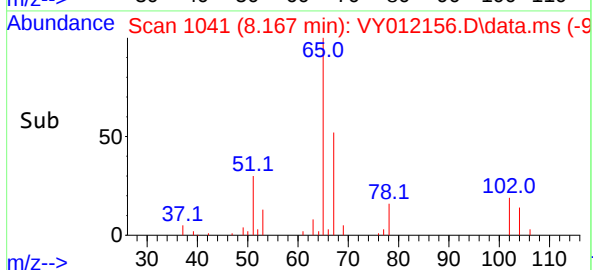
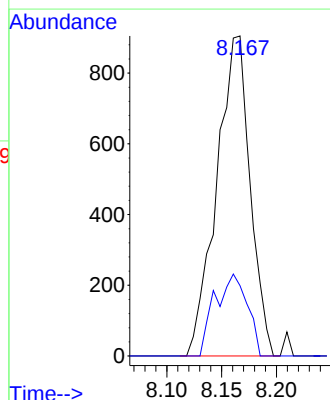
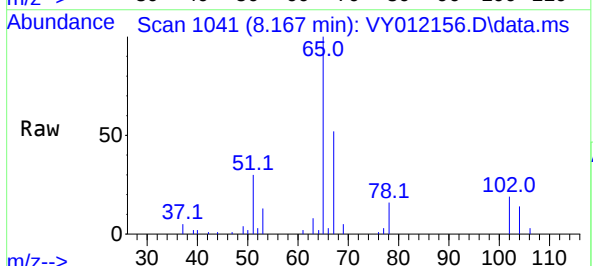
Acq: 11 Jan 2023 12:28

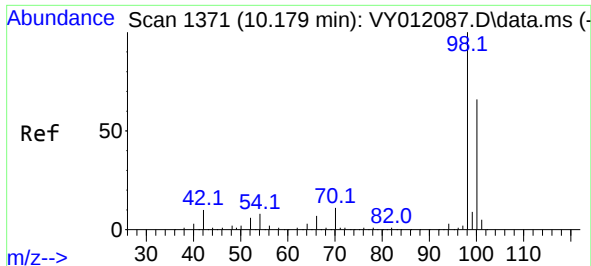
Tgt Ion: 78 Resp: 1921

Ion Ratio Lower Upper

78 100

77 22.0 18.6 27.8

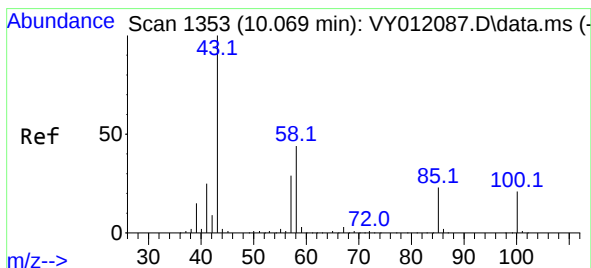
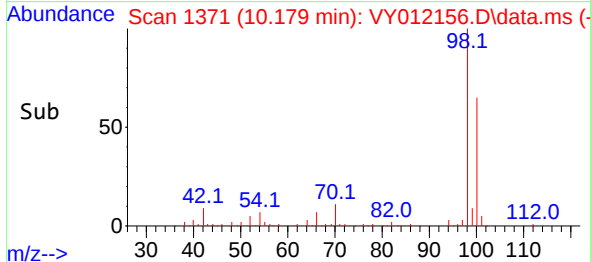
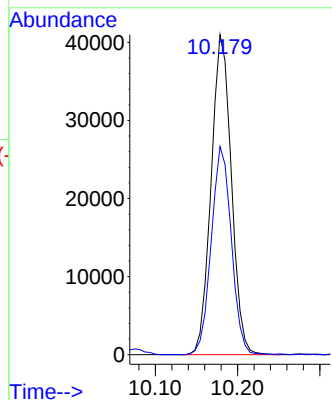
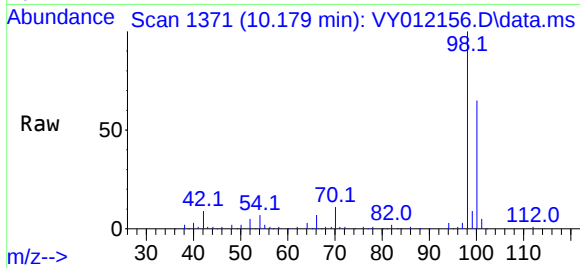




#50
Toluene-d8
Concen: 54.680 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

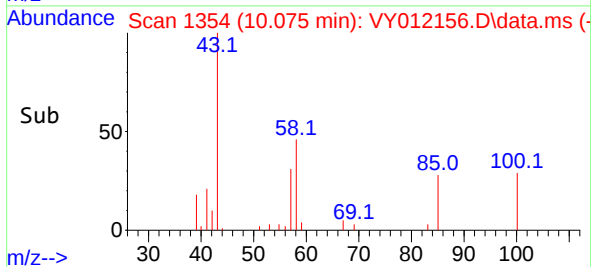
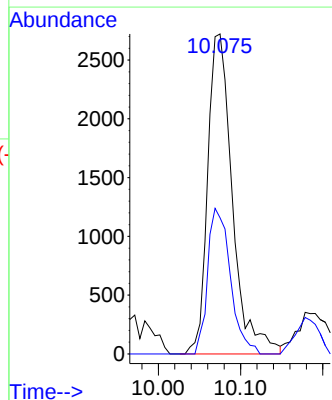
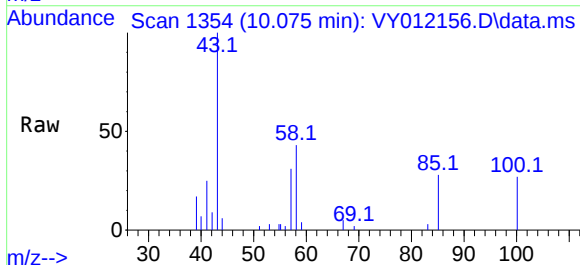
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

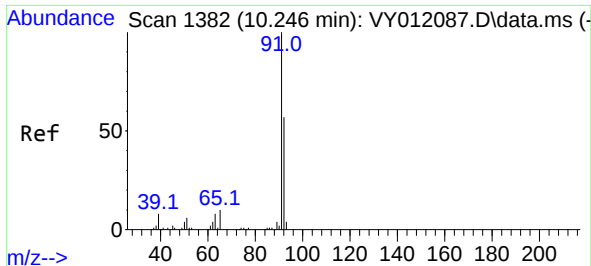
Tgt Ion: 98 Resp: 69938
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 24.231 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 43 Resp: 5688
Ion Ratio Lower Upper
43 100
58 41.7 32.9 49.3

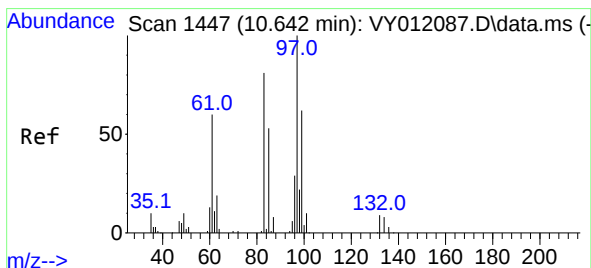
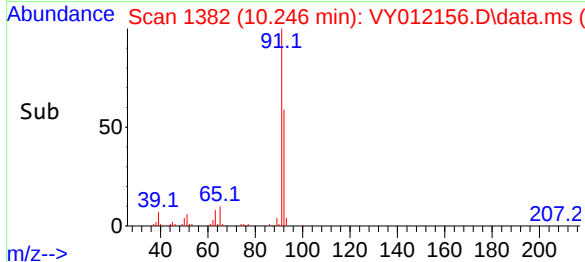
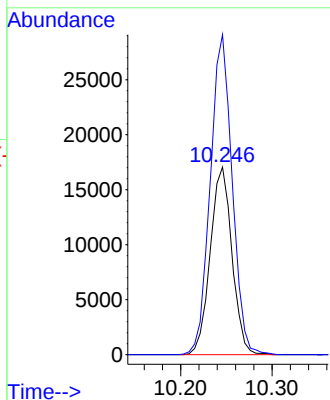
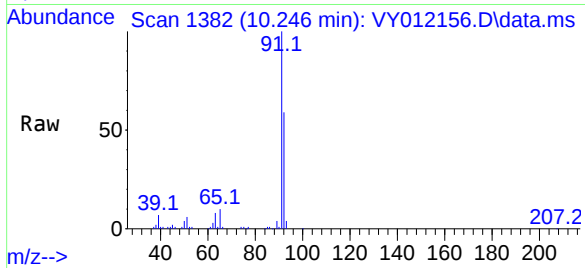




#52
Toluene
Concen: 29.686 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

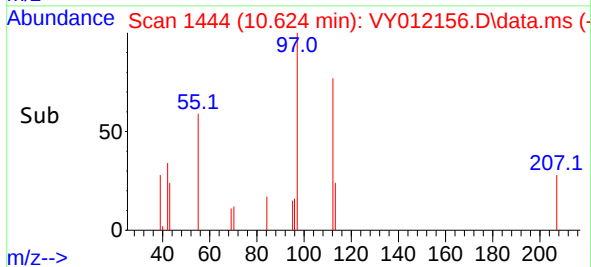
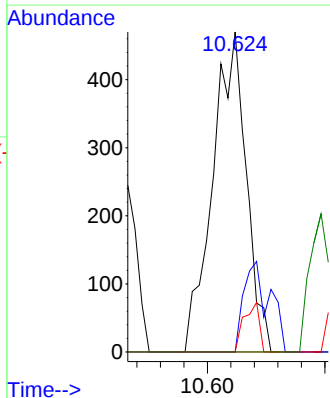
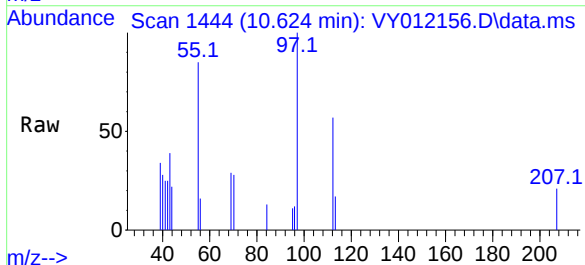
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

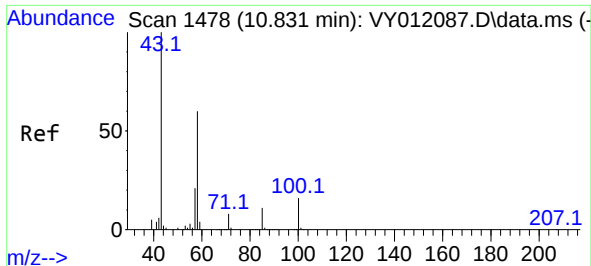
Tgt Ion: 92 Resp: 28151
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0



#55
1,1,2-Trichloroethane
Concen: 3.225 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.018 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 97 Resp: 936
Ion Ratio Lower Upper
97 100
83 0.0 67.7 101.5#
85 0.0 43.8 65.8#
99 0.0 49.0 73.4#

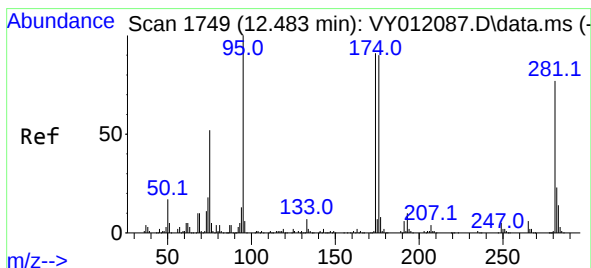
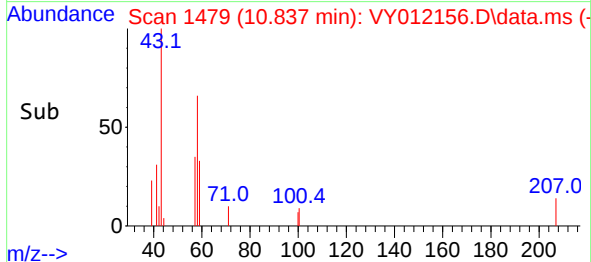
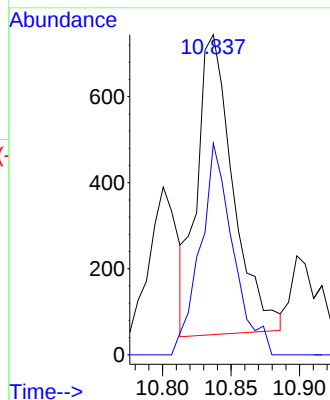
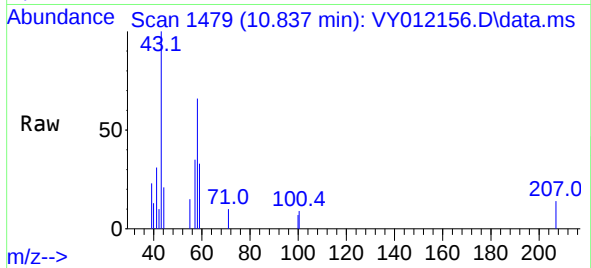




#59
2-Hexanone
Concen: 7.747 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

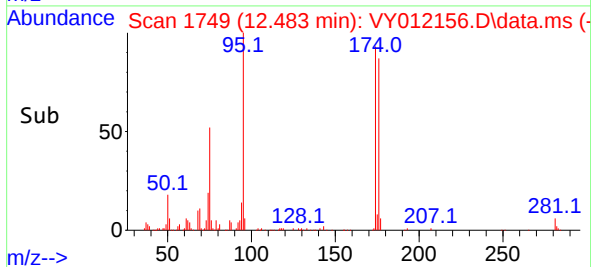
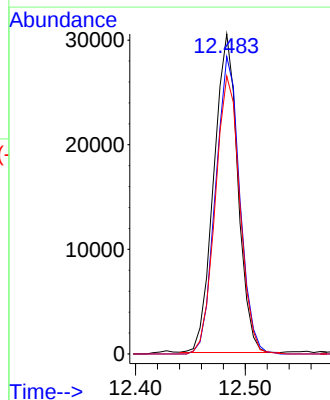
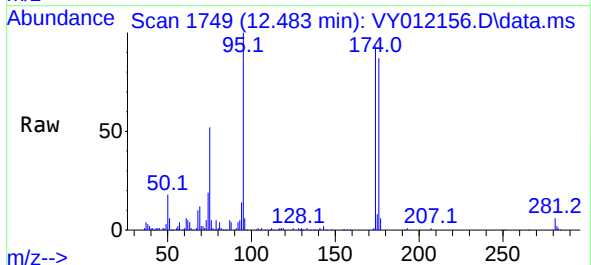
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

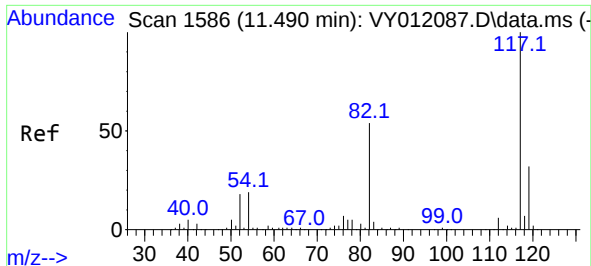
Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 63.9 28.4 85.2



#62
4-Bromofluorobenzene
Concen: 103.531 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 95 Resp: 46287
Ion Ratio Lower Upper
95 100
174 94.5 0.0 172.0
176 89.6 0.0 167.6

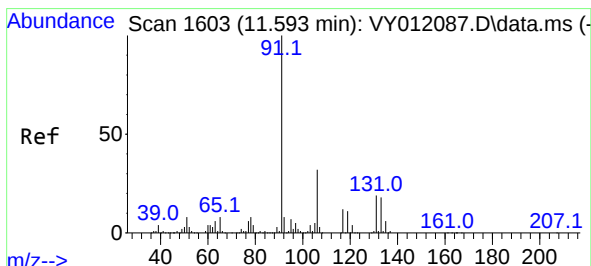
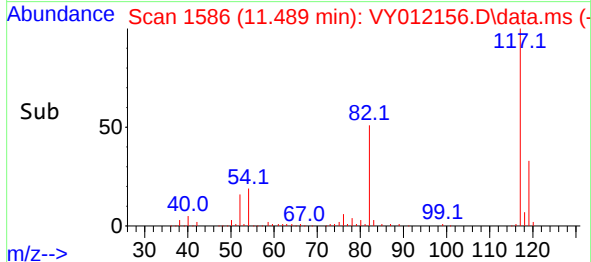
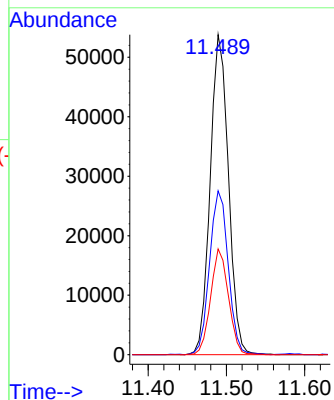
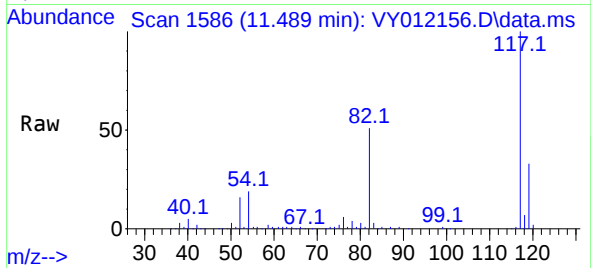




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

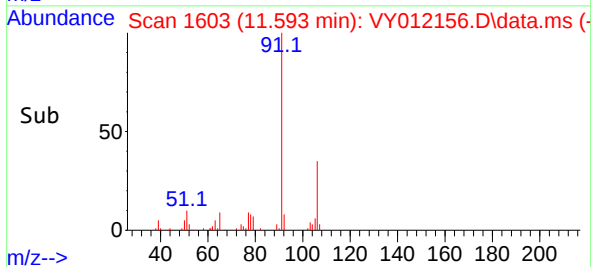
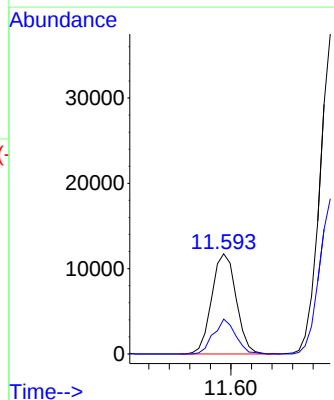
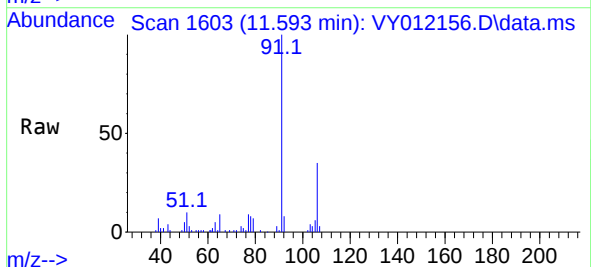
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

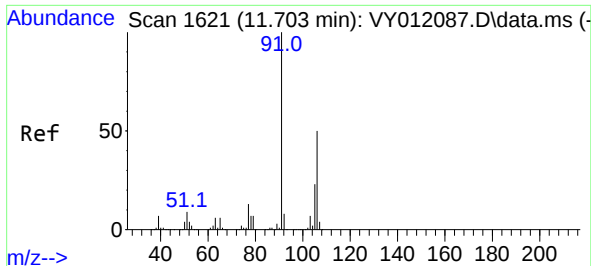
Tgt Ion:117 Resp: 87019
Ion Ratio Lower Upper
117 100
82 51.1 44.8 67.2
119 33.1 25.4 38.2



#67
Ethyl Benzene
Concen: 5.451 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 91 Resp: 19364
Ion Ratio Lower Upper
91 100
106 34.8 25.0 37.4

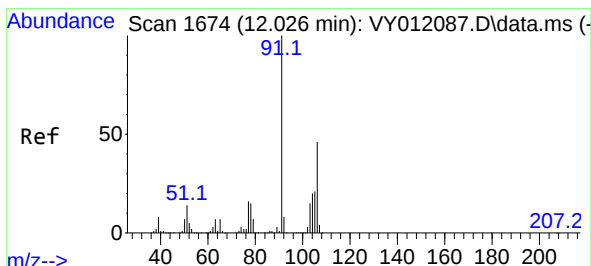
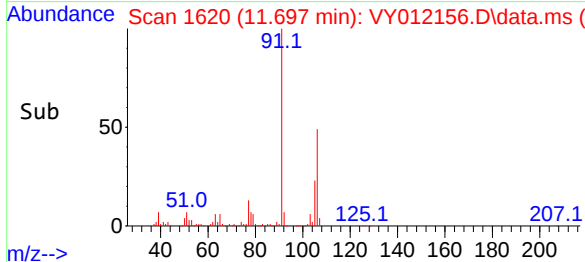
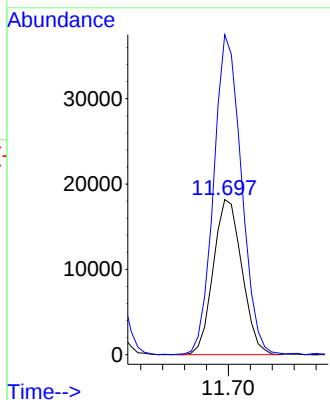
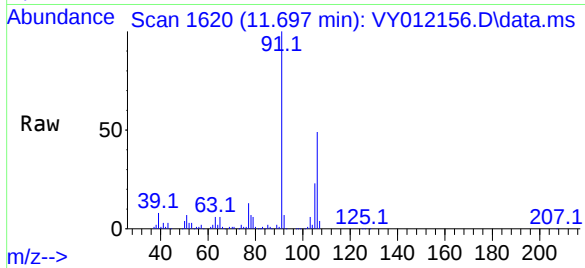




#68
m/p-Xylenes
Concen: 23.683 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

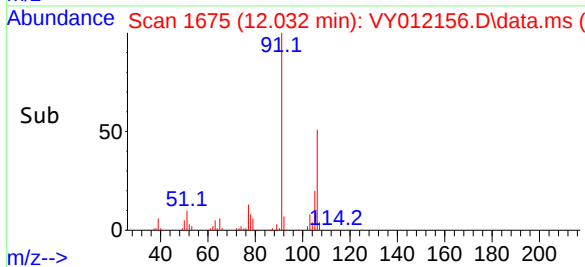
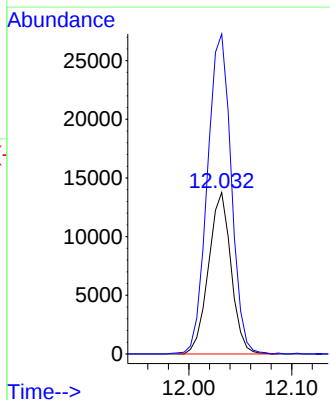
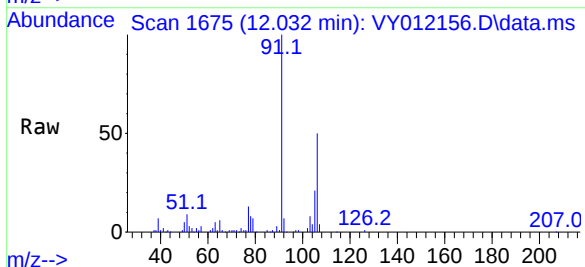
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

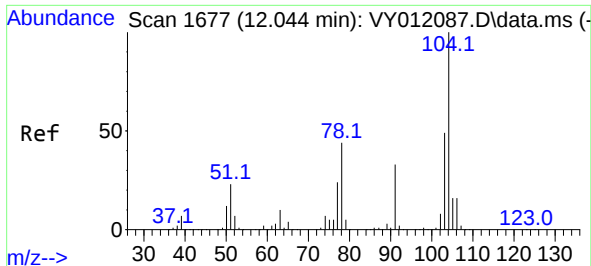
Tgt Ion:106 Resp: 32996
Ion Ratio Lower Upper
106 100
91 200.4 162.5 243.7



#69
o-Xylene
Concen: 15.752 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion:106 Resp: 20896
Ion Ratio Lower Upper
106 100
91 210.2 107.5 322.4

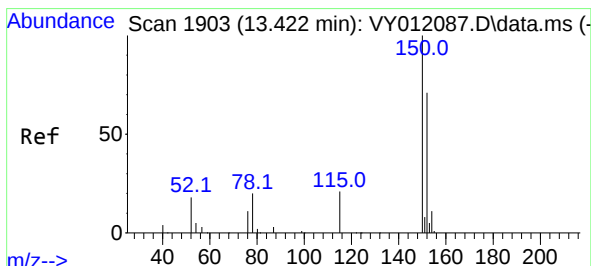
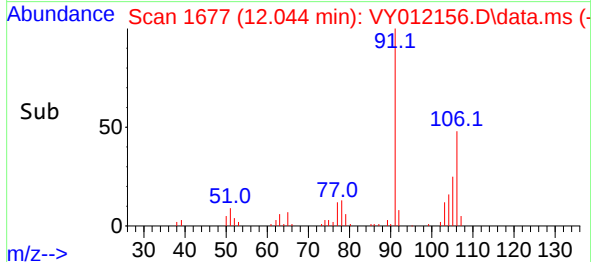
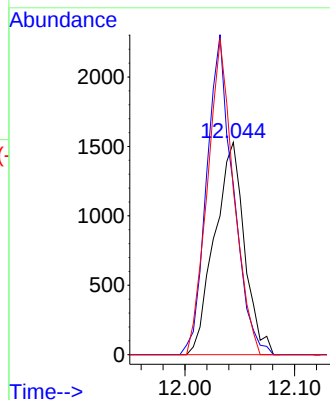
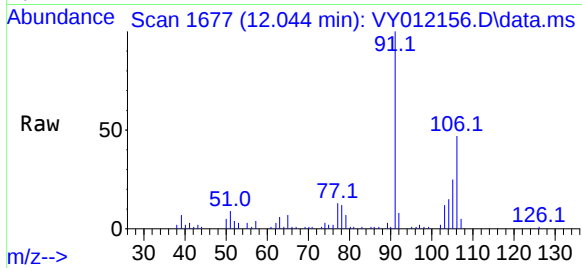




#70
Styrene
Concen: 1.284 ug/l
RT: 12.044 min Scan# 10
Delta R.T. 0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

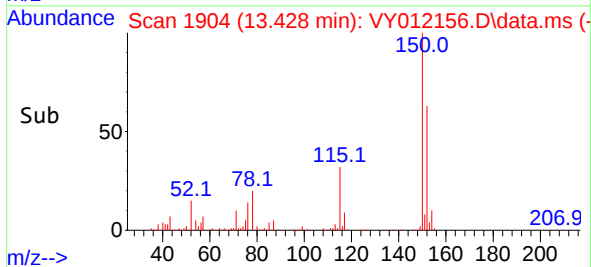
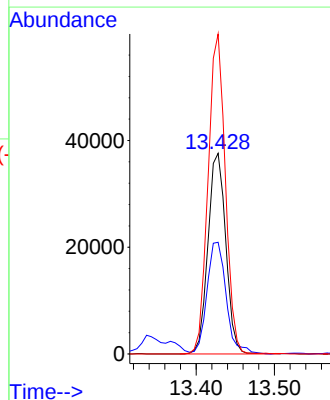
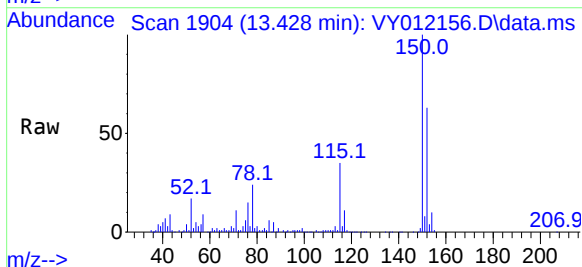
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

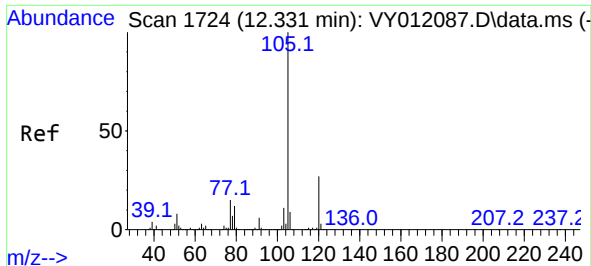
Tgt Ion:104 Resp: 2894
Ion Ratio Lower Upper
104 100
78 133.2 39.4 59.0#
103 130.5 43.0 64.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion:152 Resp: 59423
Ion Ratio Lower Upper
152 100
115 60.1 29.1 87.3
150 154.2 0.0 342.6

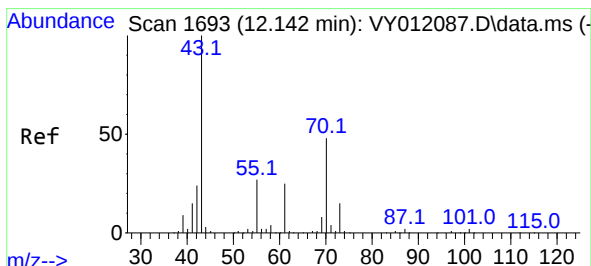
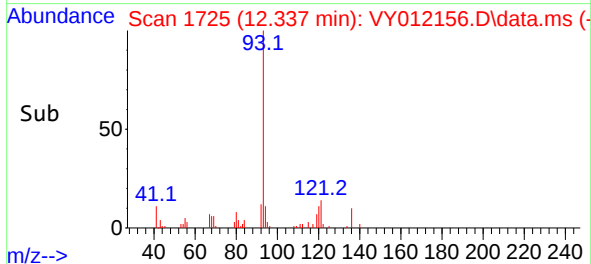
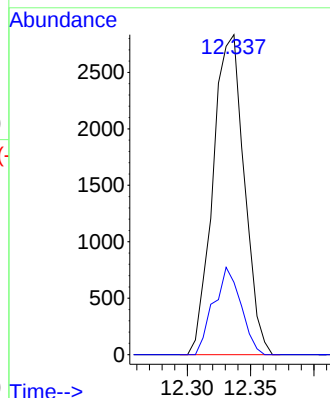
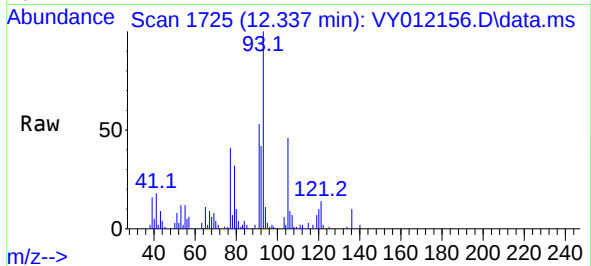




#73
Isopropylbenzene
Concen: 1.036 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

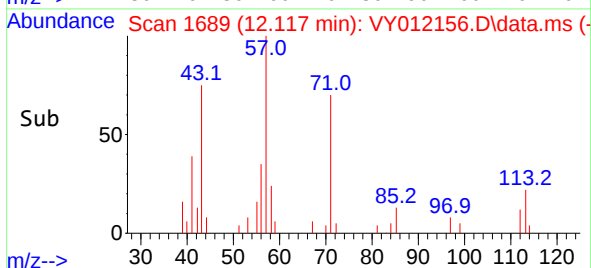
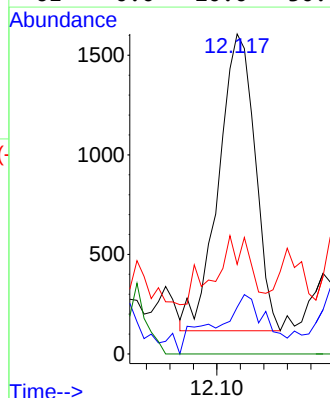
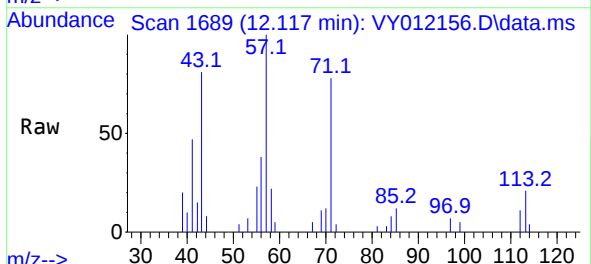
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

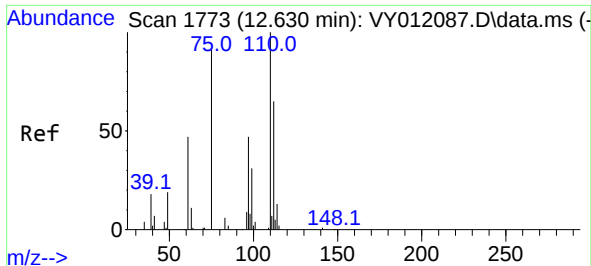
Tgt Ion:105 Resp: 4869
Ion Ratio Lower Upper
105 100
120 23.8 13.2 39.6



#74
N-ethyl acetate
Concen: 3.308 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.025 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 43 Resp: 3211
Ion Ratio Lower Upper
43 100
70 14.4 35.8 53.8#
55 11.2 21.0 31.4#
61 0.0 20.0 30.0#

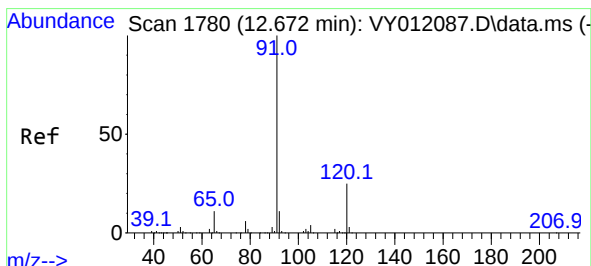
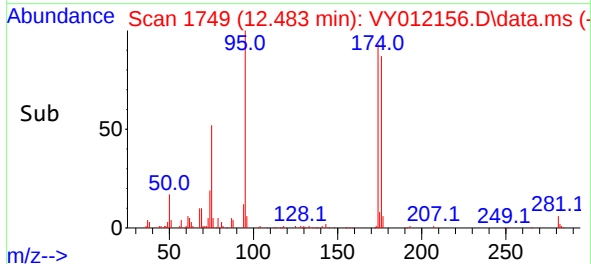
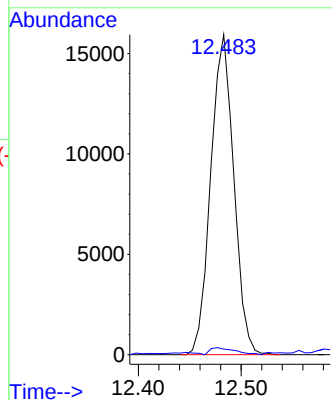
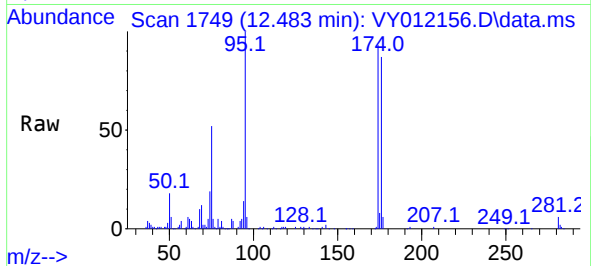




#76
1,2,3-Trichloropropane
Concen: 36.543 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.147 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

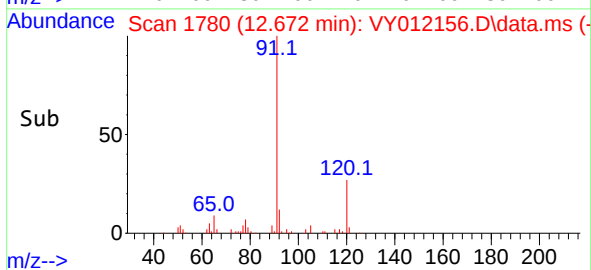
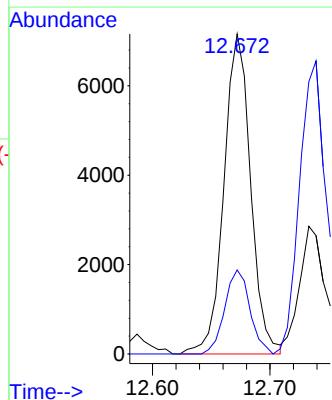
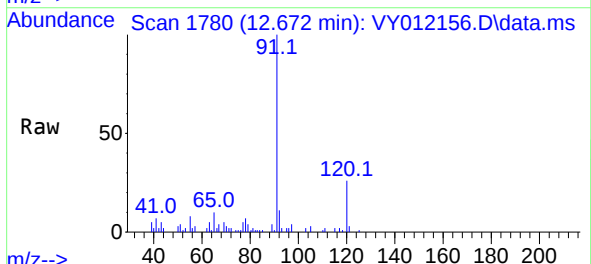
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

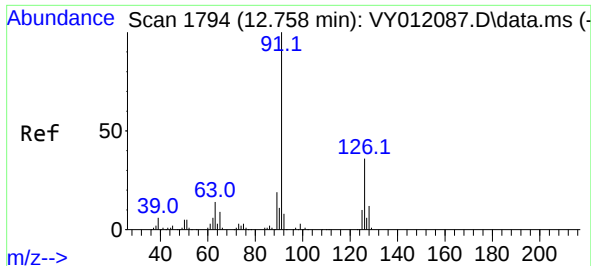
Tgt Ion: 75 Resp: 24794
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#78
n-propylbenzene
Concen: 2.065 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 91 Resp: 11333
Ion Ratio Lower Upper
91 100
120 24.7 11.8 35.4





#79

2-Chlorotoluene

Concen: 1.234 ug/l

RT: 12.733 min Scan# 1

Delta R.T. -0.025 min

Lab File: VY012156.D

Acq: 11 Jan 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

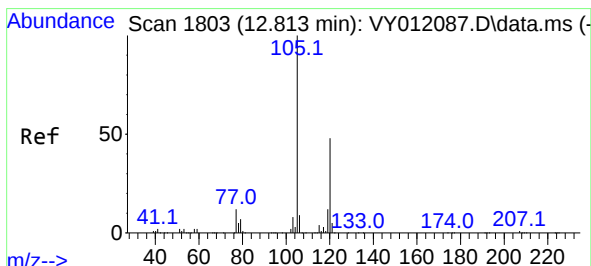
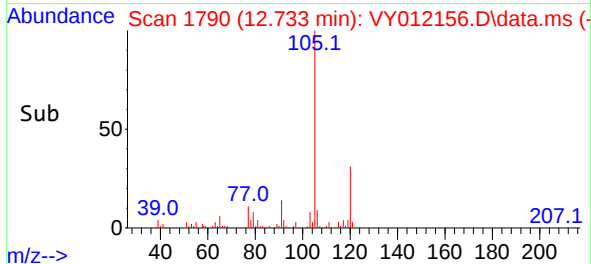
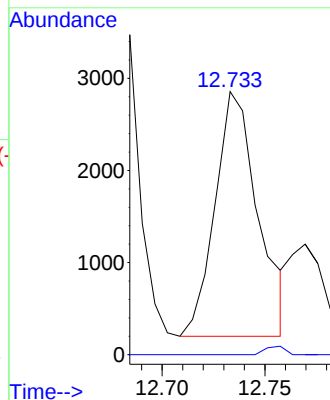
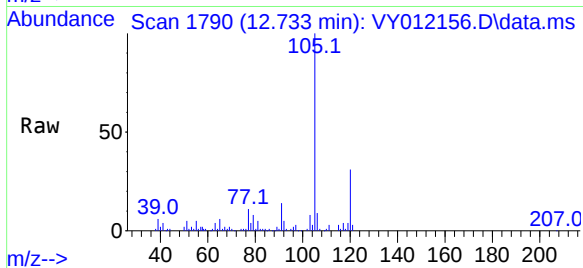
SLUDGE-4

Tgt Ion: 91 Resp: 3873

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#



#80

1,3,5-Trimethylbenzene

Concen: 4.713 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012156.D

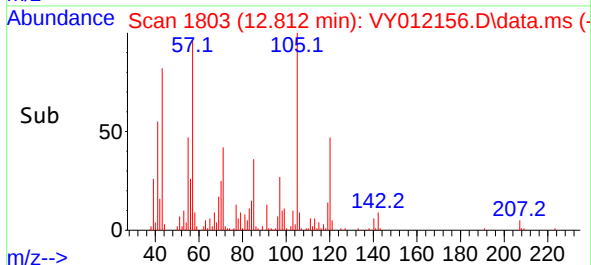
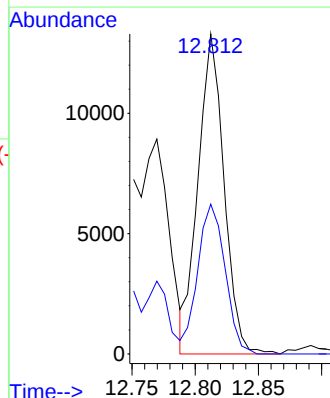
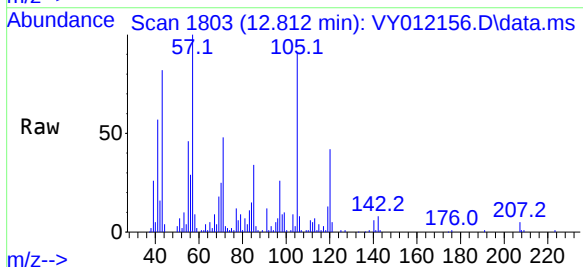
Acq: 11 Jan 2023 12:28

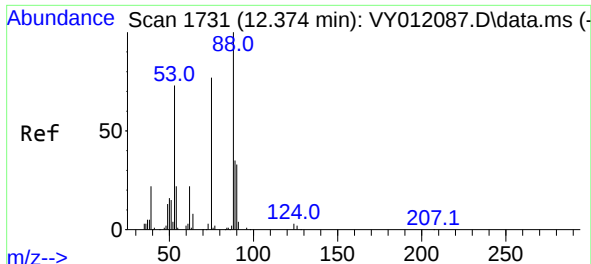
Tgt Ion:105 Resp: 19006

Ion Ratio Lower Upper

105 100

120 49.4 24.2 72.6

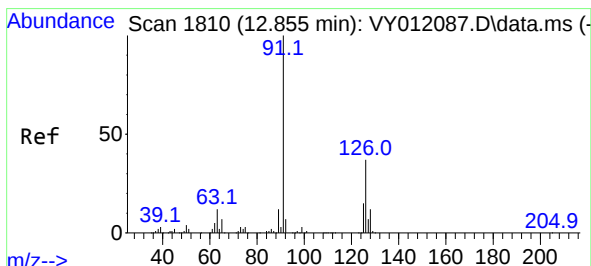
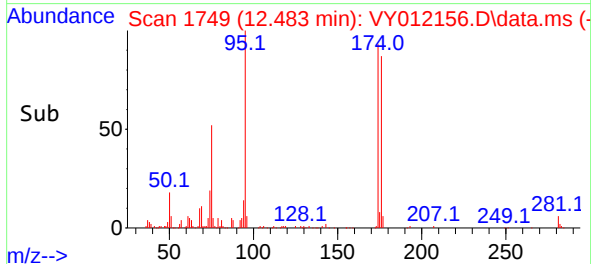
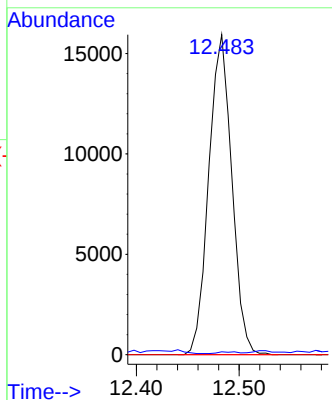
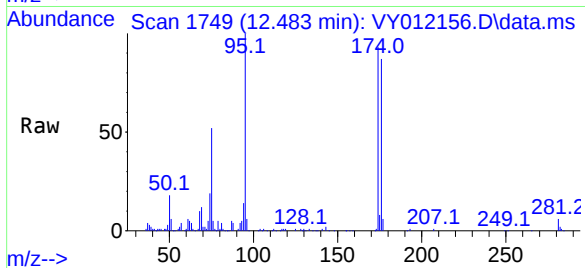




#81
trans-1,4-Dichloro-2-butene
Concen: 81.156 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

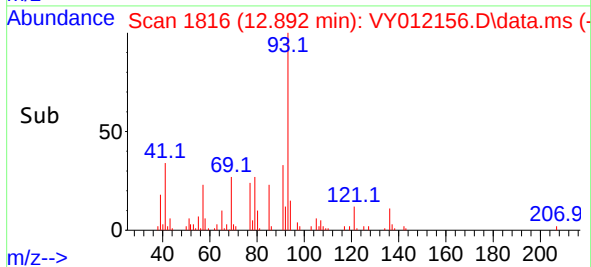
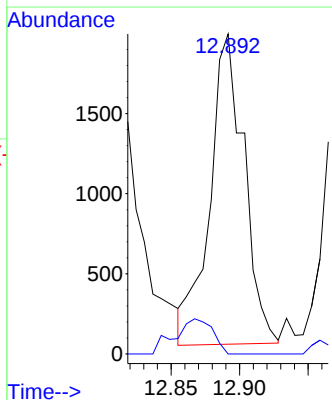
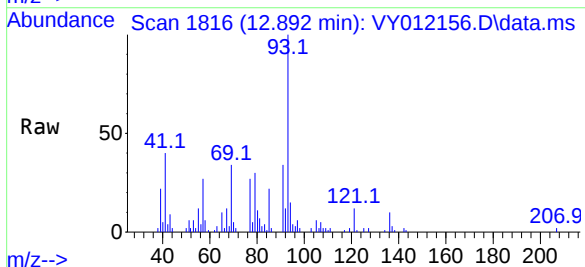
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

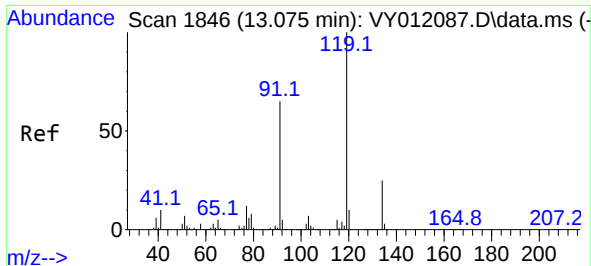
Tgt Ion: 75 Resp: 24794
Ion Ratio Lower Upper
75 100
53 0.4 72.5 108.7#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 1.026 ug/l
RT: 12.892 min Scan# 1816
Delta R.T. 0.037 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 91 Resp: 3369
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#

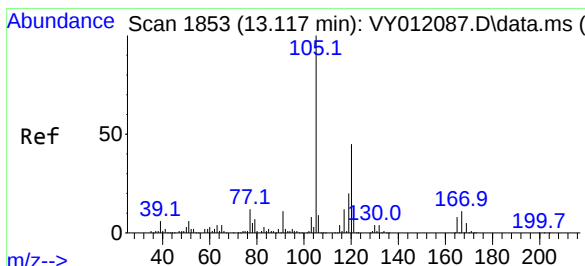
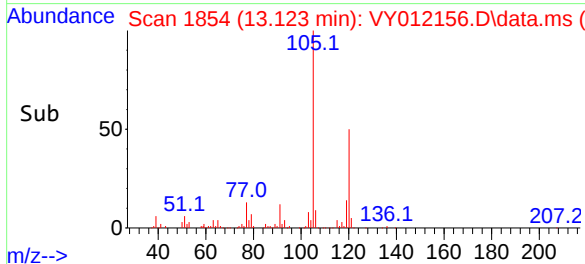
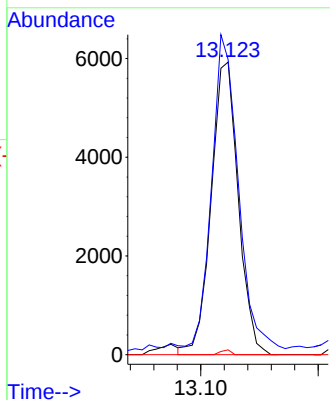
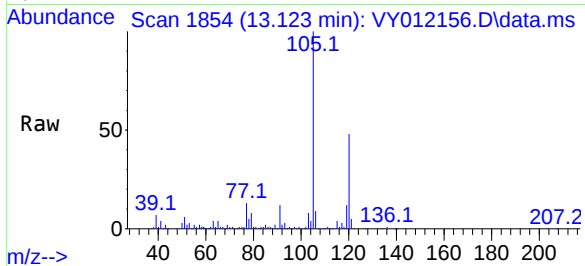




#83
tert-Butylbenzene
Concen: 2.683 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.048 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

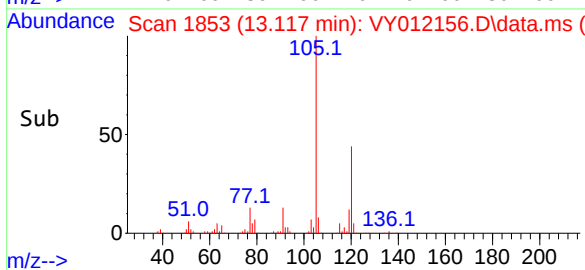
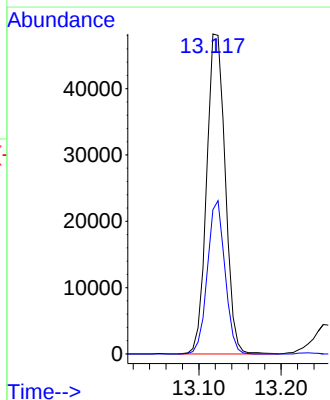
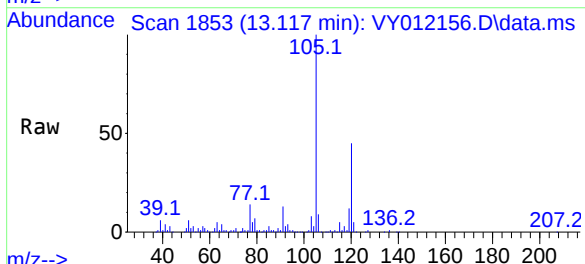
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

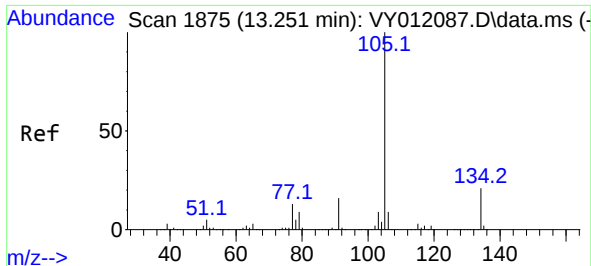
Tgt Ion:119 Resp: 9481
Ion Ratio Lower Upper
119 100
91 104.2 32.3 96.8#
134 0.0 13.0 39.0#



#84
1,2,4-Trimethylbenzene
Concen: 18.958 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion:105 Resp: 75683
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.7

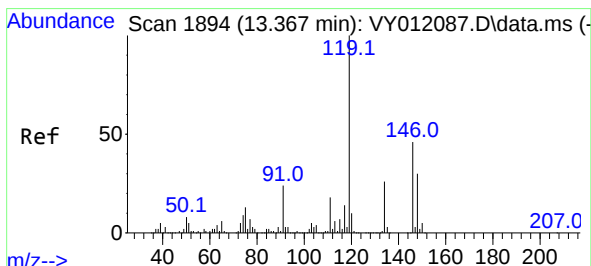
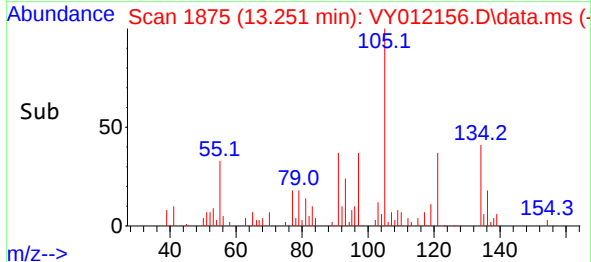
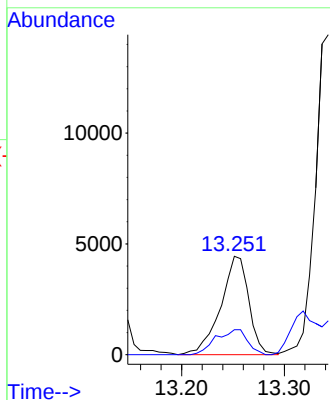
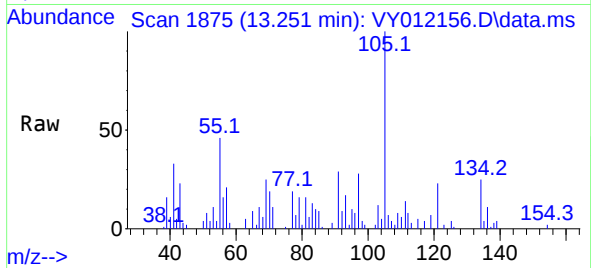




#85
sec-Butylbenzene
Concen: 1.665 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

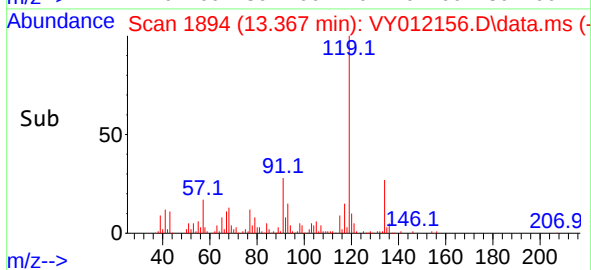
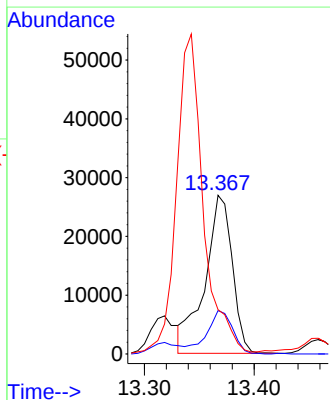
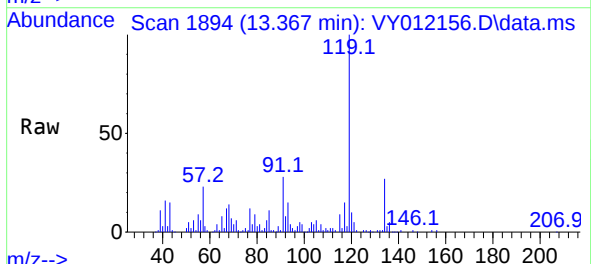
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

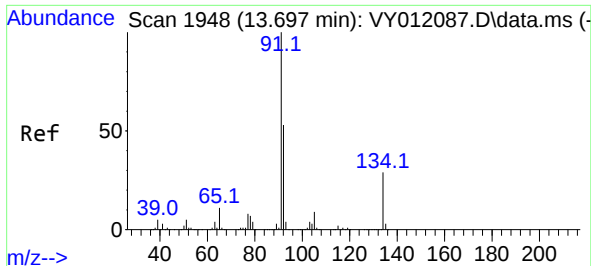
Tgt Ion:105 Resp: 8455
Ion Ratio Lower Upper
105 100
134 28.6 10.1 30.3



#86
p-Isopropyltoluene
Concen: 10.629 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion:119 Resp: 46768
Ion Ratio Lower Upper
119 100
134 25.9 13.0 39.0
91 0.0 11.9 35.9#

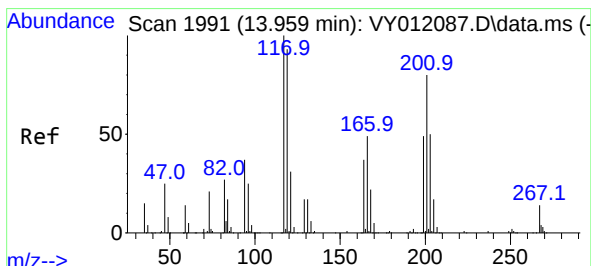
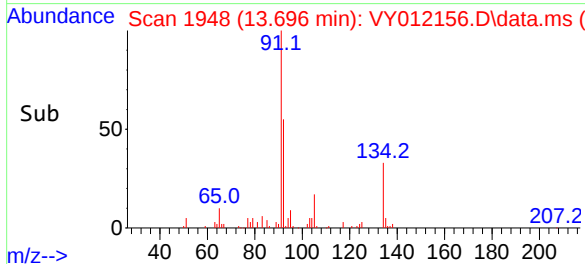
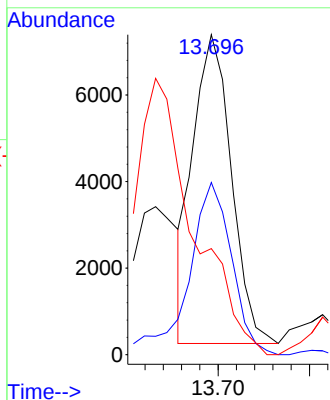
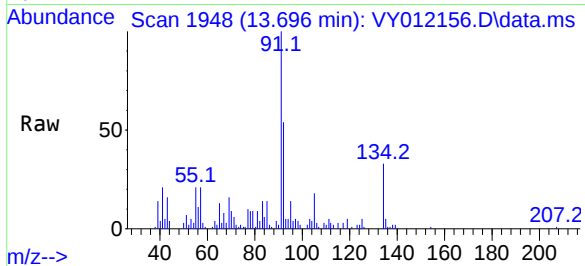




#89
n-Butylbenzene
Concen: 2.723 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

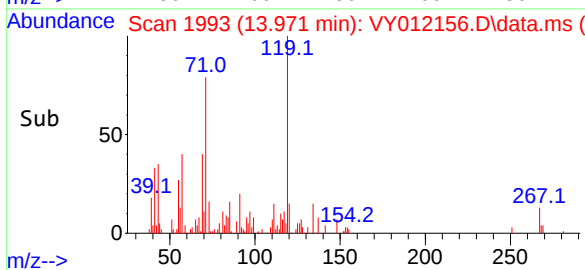
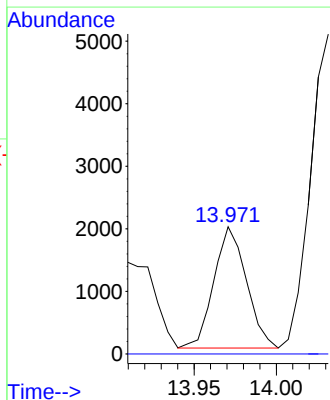
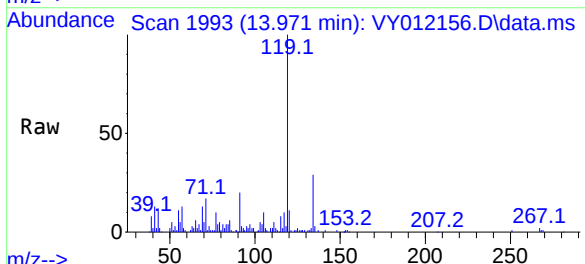
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

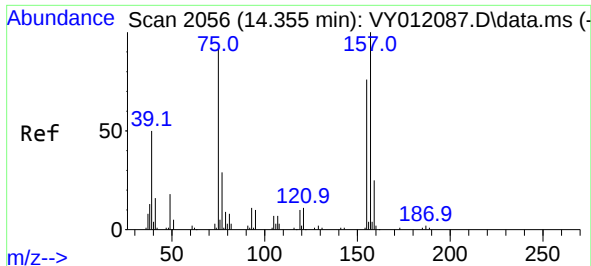
Tgt Ion: 91 Resp: 10381
Ion Ratio Lower Upper
91 100
92 62.7 26.8 80.4
134 0.0 13.3 39.8#



#90
Hexachloroethane
Concen: 3.266 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion: 117 Resp: 2666
Ion Ratio Lower Upper
117 100
201 0.0 40.3 120.8#

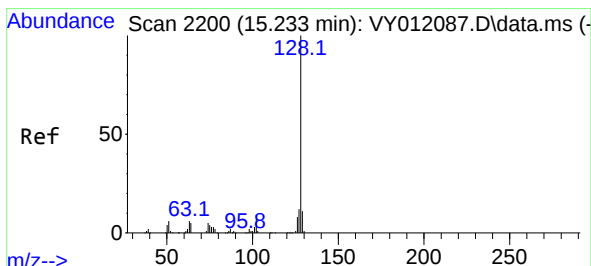
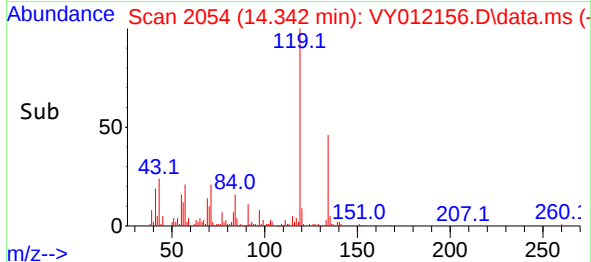
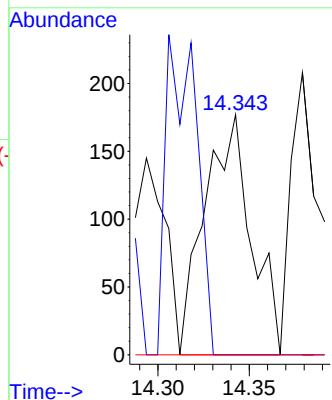
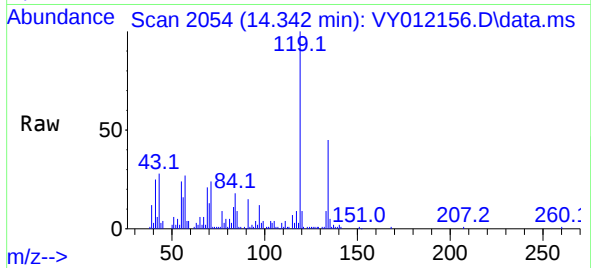




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.997 ug/l
RT: 14.342 min Scan# 2056
Delta R.T. -0.013 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

Tgt Ion: 75 Resp: 314
Ion Ratio Lower Upper
75 100
155 0.0 42.3 126.8#
157 0.0 54.4 163.3#



#95
Naphthalene
Concen: 7.575 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY012156.D
Acq: 11 Jan 2023 12:28

Tgt Ion:128 Resp: 18717
Ion Ratio Lower Upper
128 100
127 17.1 10.2 15.2#
129 11.5 8.8 13.2

