

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012158.D
 Acq On : 11 Jan 2023 13:15
 Operator : KP/MD
 Sample : 01061-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-7

Quant Time: Jan 12 05:49:06 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	151140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	246744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75352	44.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.740%
35) Dibromofluoromethane	7.716	113	70407	43.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.820%
50) Toluene-d8	10.179	98	281451	43.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.940%
62) 4-Bromofluorobenzene	12.483	95	81229	36.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.600%

Target Compounds						Qvalue
3) Chloromethane	2.113	50	319	Below Cal	#	41
5) Bromomethane	2.662	94	240	Below Cal	#	72
11) Tert butyl alcohol	4.966	59	1822	Below Cal	#	88
13) Acrolein	3.735	56	20	Below Cal	#	14
16) Acetone	3.954	43	51766	129.575	ug/l	97
17) Carbon Disulfide	4.198	76	3380	Below Cal		98
20) Methylene Chloride	4.716	84	28039	12.118	ug/l	93
25) 2-Butanone	6.984	43	7128	13.523	ug/l	98
28) Bromochloromethane	7.515	49	15057	21.858	ug/l #	10
30) Chloroform	7.509	83	212827	68.522	ug/l	100
31) Cyclohexane	7.777	56	10390	1.436	ug/l #	77
36) 1,1-Dichloropropene	7.795	75	10733	4.362	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14998	4.802	ug/l #	17
39) Methylcyclohexane	9.185	83	7967	2.711	ug/l	87
40) Benzene	8.161	78	8035	1.121	ug/l	96
43) Isopropyl Acetate	8.265	43	2424	1.098	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	14476	12.322	ug/l	96
52) Toluene	10.246	92	194606	41.005	ug/l	100
55) 1,1,2-Trichloroethane	10.618	97	3731	2.569	ug/l #	20
59) 2-Hexanone	10.691	43	3510	4.255	ug/l	63
67) Ethyl Benzene	11.593	91	96336	11.445	ug/l	99
68) m/p-Xylenes	11.703	106	175757	53.235	ug/l	98
69) o-Xylene	12.032	106	88652	28.201	ug/l	97
70) Styrene	12.038	104	16038	3.003	ug/l #	15
73) Isopropylbenzene	12.331	105	18159	3.087	ug/l	89
74) N-amyl acetate	12.111	43	2930	2.413	ug/l #	55
76) 1,2,3-Trichloropropane	12.483	75	41024	48.335	ug/l #	100
78) n-propylbenzene	12.672	91	23073	3.360	ug/l	99
79) 2-Chlorotoluene	12.733	91	7327	1.865	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.813	105	36520	7.239	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41024	107.346	ug/l #	14
82) 4-Chlorotoluene	12.892	91	8426	2.051	ug/l #	56
83) tert-Butylbenzene	13.123	119	15462	3.498	ug/l #	36
84) 1,2,4-Trimethylbenzene	13.117	105	115435	23.116	ug/l	99
85) sec-Butylbenzene	13.233	105	14151	2.227	ug/l	84
86) p-Isopropyltoluene	13.367	119	147302	26.762	ug/l #	76

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Instrument :
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Quant Time: Jan 12 05:49:06 2023
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Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration

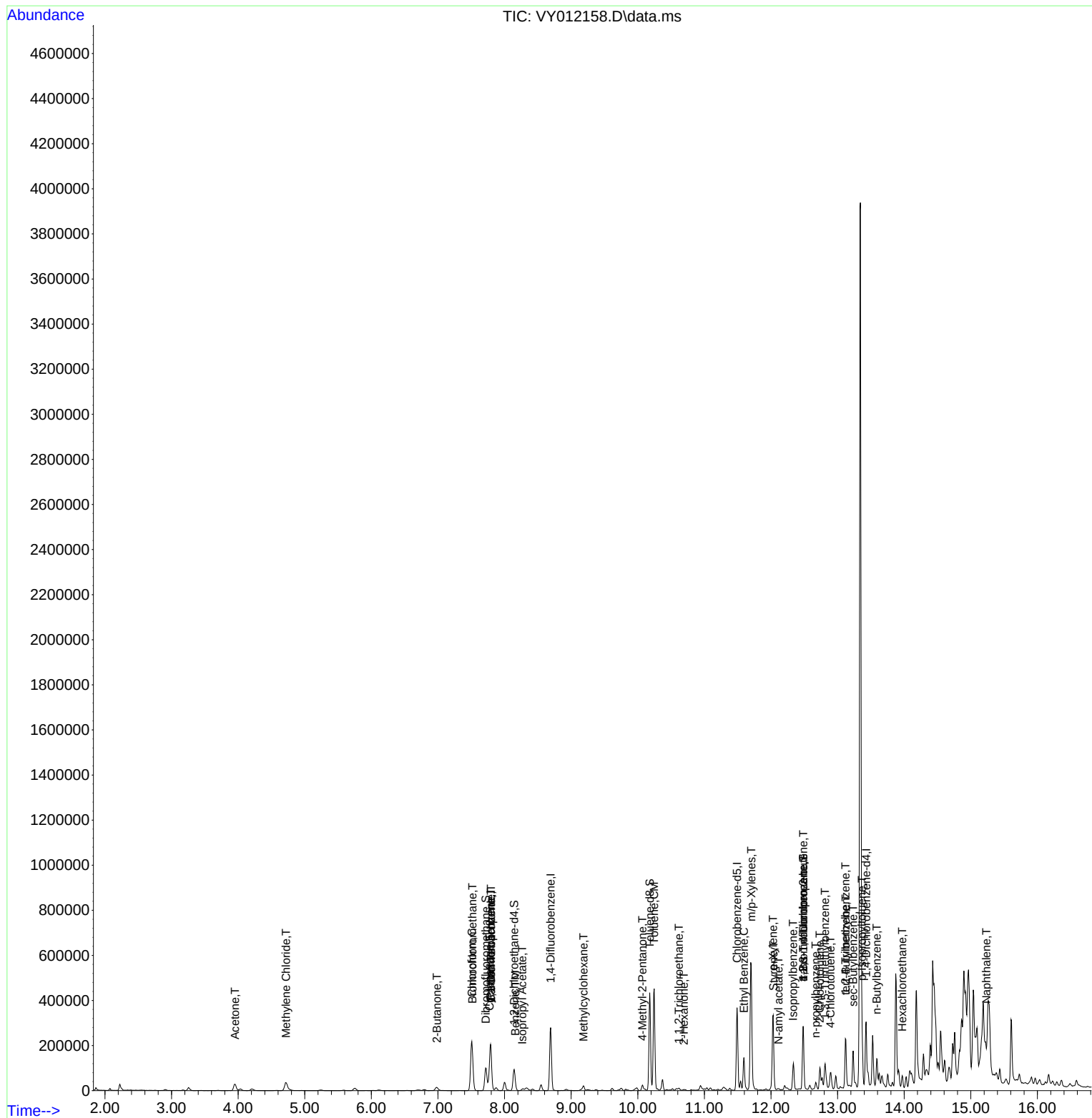
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.587	91	23542	4.936	ug/l	78
90) Hexachloroethane	13.971	117	2519	2.467	ug/l #	9
95) Naphthalene	15.233	128	10741	3.475	ug/l #	91

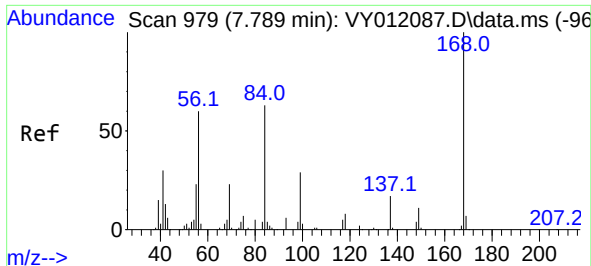
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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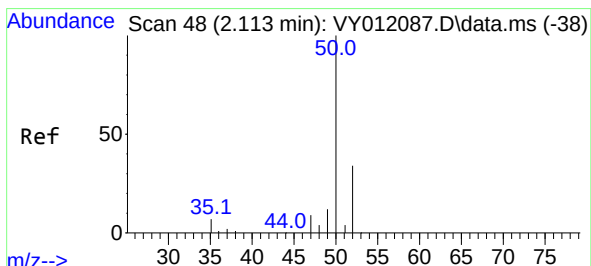
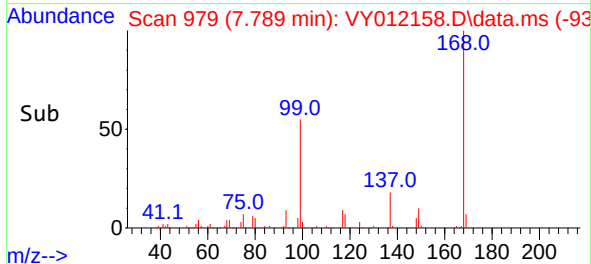
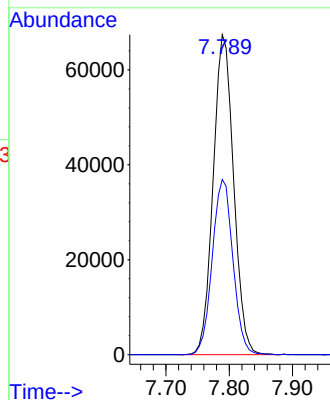
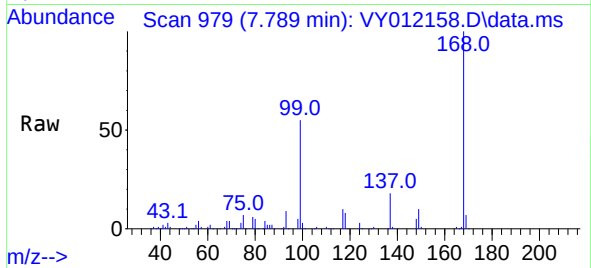




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

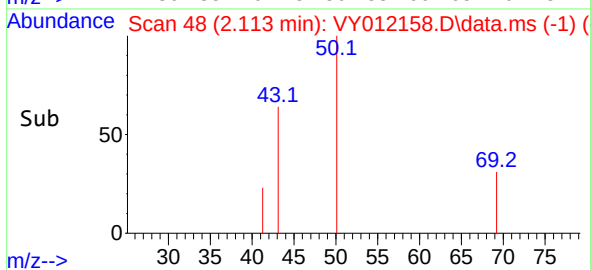
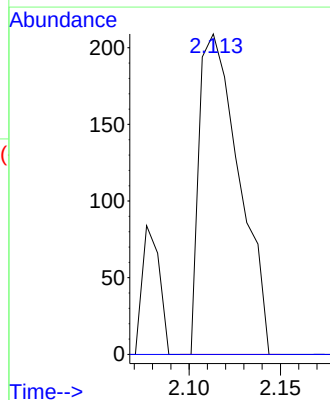
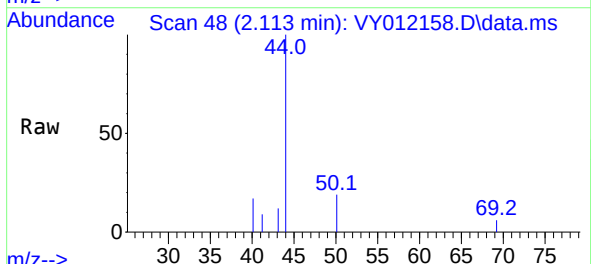
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

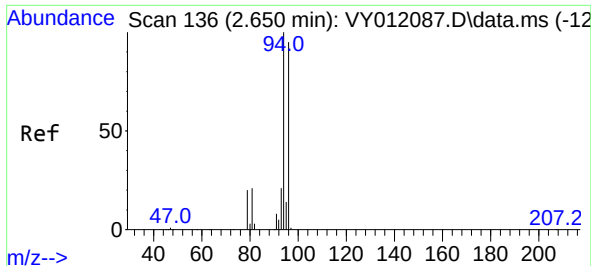
Tgt Ion:168 Resp: 151140
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 50 Resp: 319
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

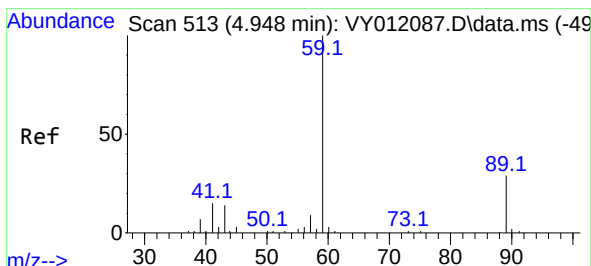
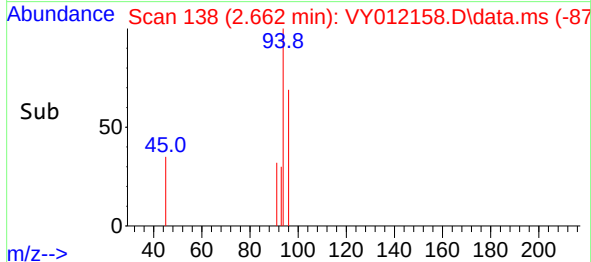
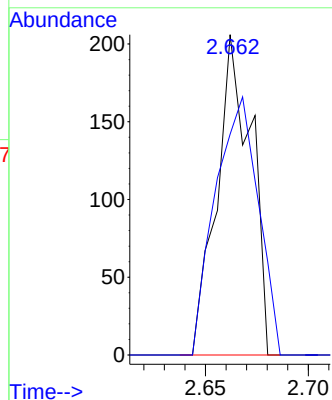
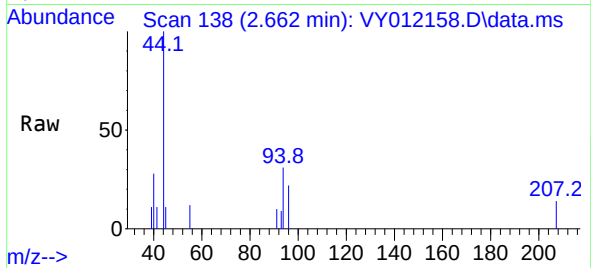




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

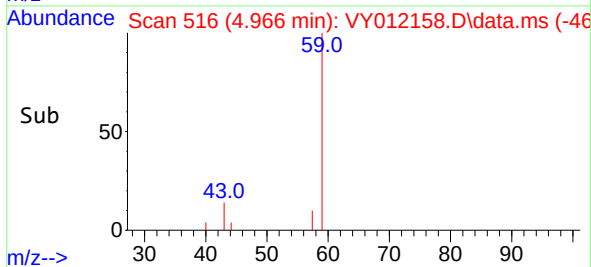
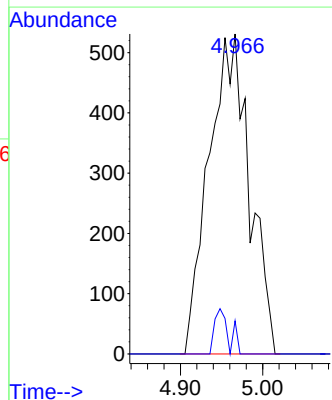
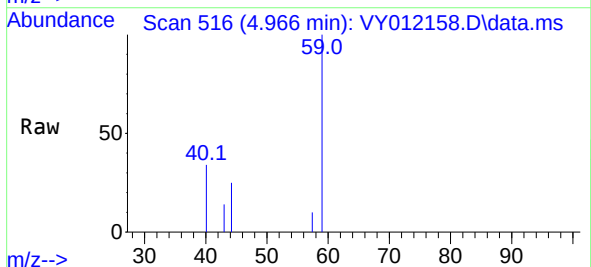
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

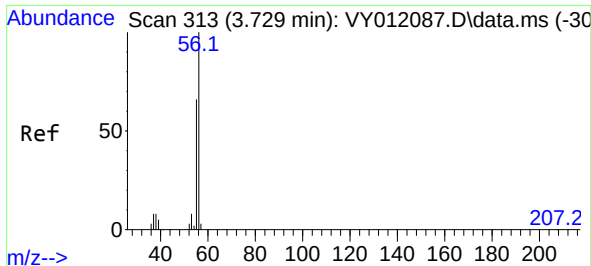
Tgt Ion: 94 Resp: 240
Ion Ratio Lower Upper
94 100
96 68.9 77.4 116.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 59 Resp: 1822
Ion Ratio Lower Upper
59 100
57 4.9 7.4 11.2#

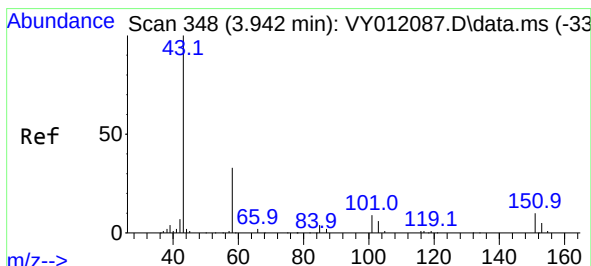
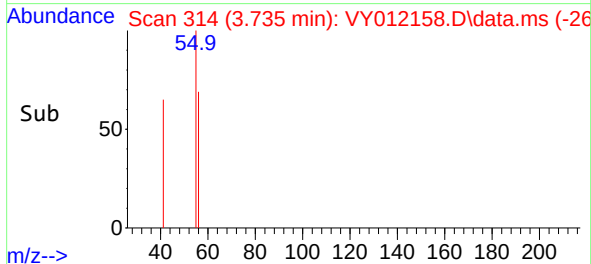
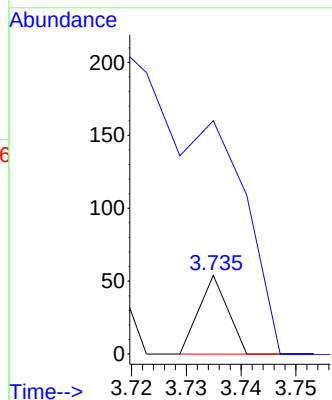
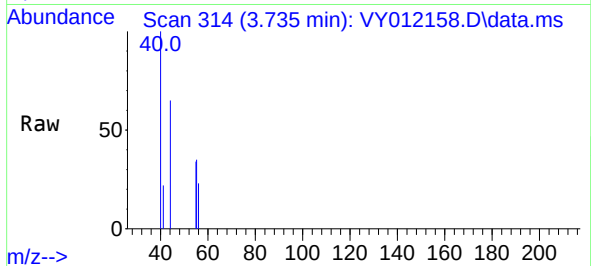




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

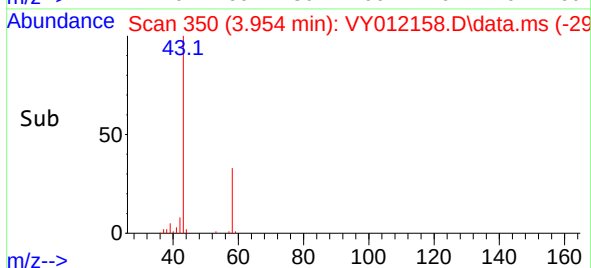
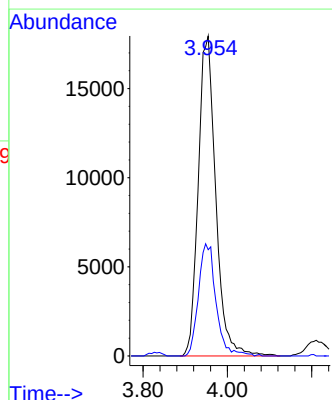
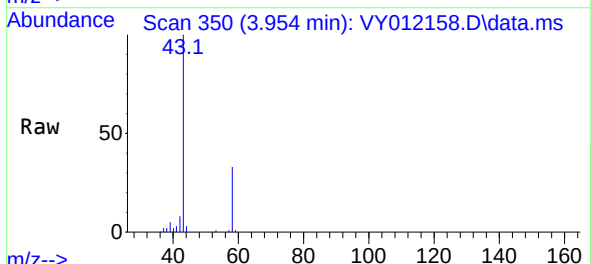
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

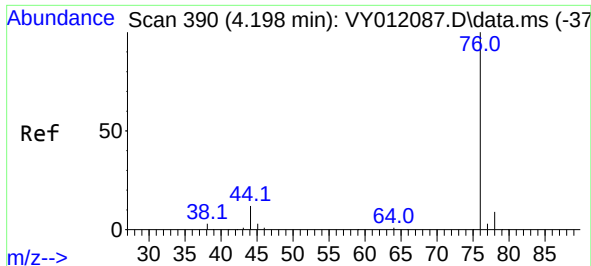
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#16
Acetone
Concen: 129.575 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 43 Resp: 51766
Ion Ratio Lower Upper
43 100
58 33.2 27.9 41.9

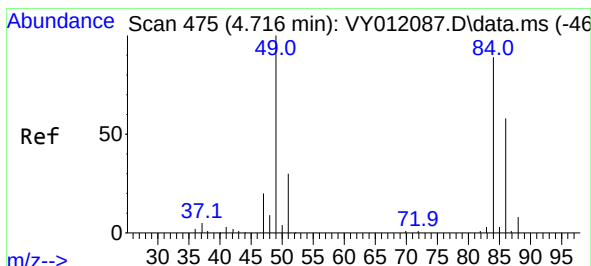
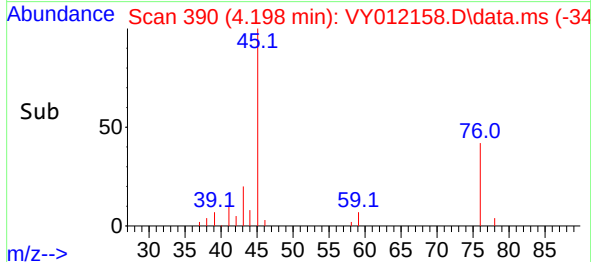
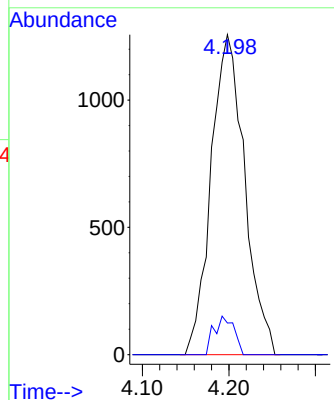
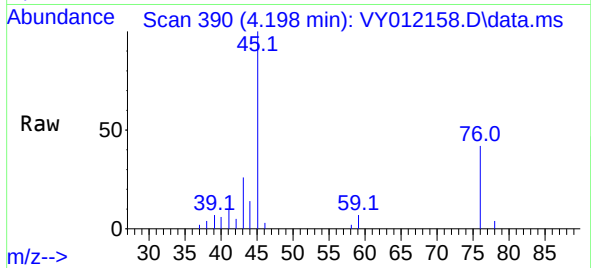




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

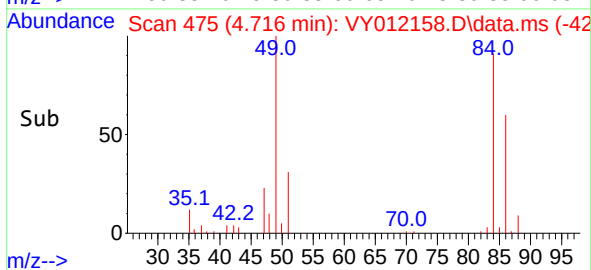
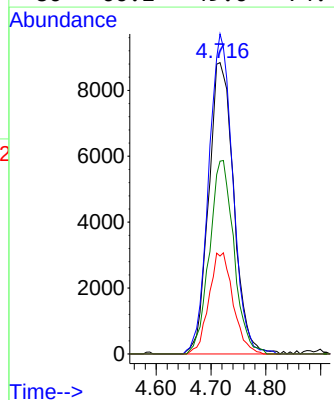
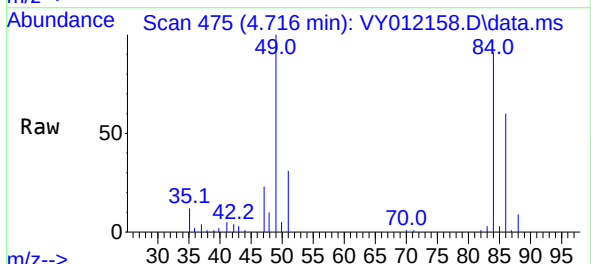
Instrument :
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ClientSampleId :
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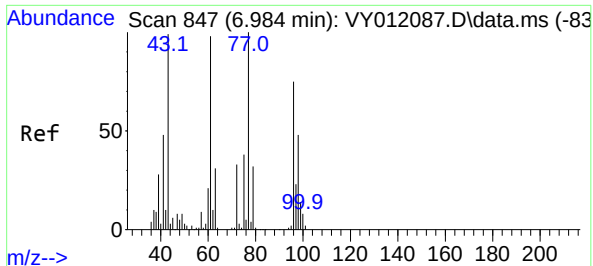
Tgt Ion: 76 Resp: 3380
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#20
Methylene Chloride
Concen: 12.118 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 84 Resp: 28039
Ion Ratio Lower Upper
84 100
49 109.8 95.4 143.2
51 33.6 29.9 44.9
86 66.2 49.6 74.4





#25

2-Butanone

Concen: 13.523 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012158.D

Acq: 11 Jan 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

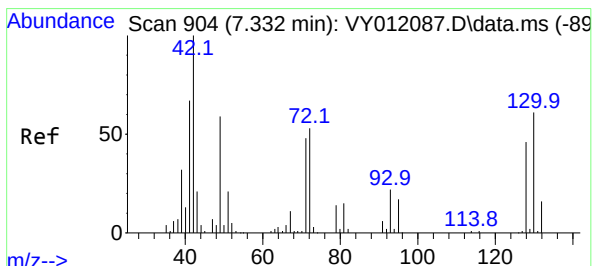
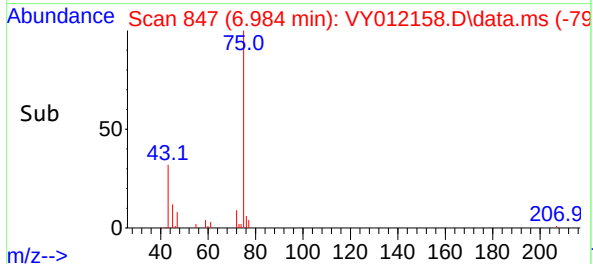
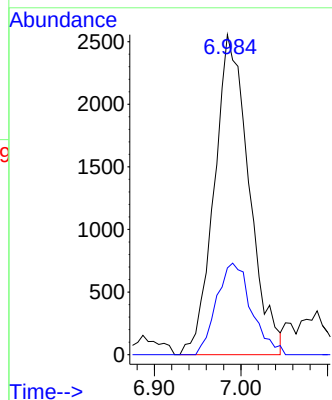
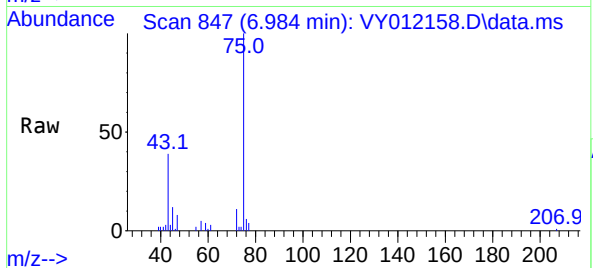
SLUDGE-7

Tgt Ion: 43 Resp: 7128

Ion Ratio Lower Upper

43 100

72 27.1 22.6 34.0



#28

Bromochloromethane

Concen: 21.858 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.183 min

Lab File: VY012158.D

Acq: 11 Jan 2023 13:15

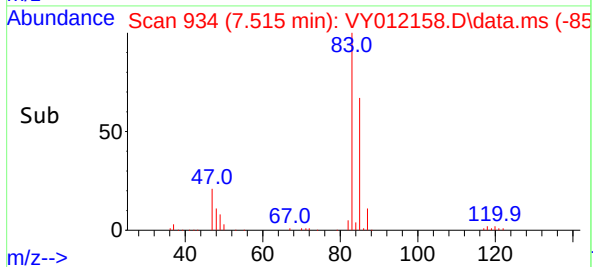
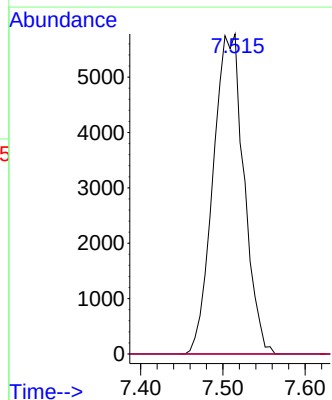
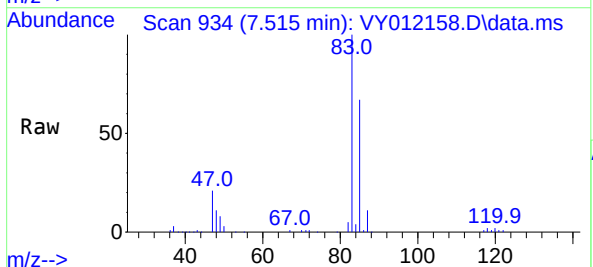
Tgt Ion: 49 Resp: 15057

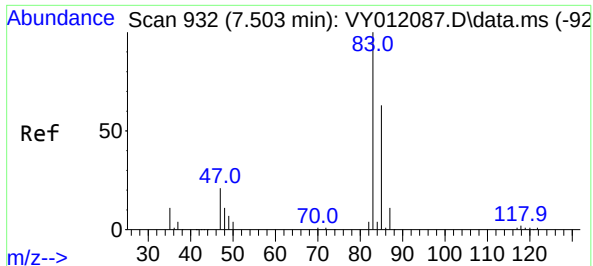
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 66.7 100.1#

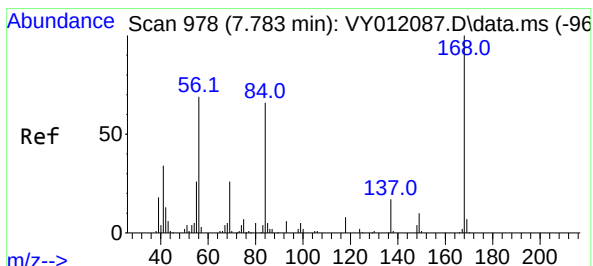
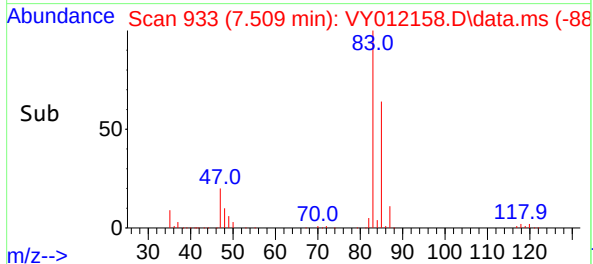
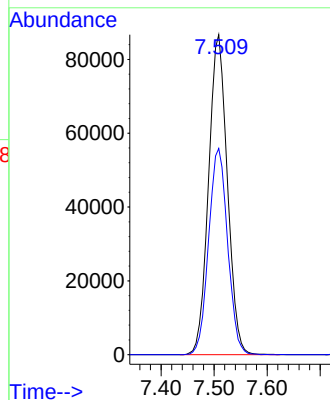
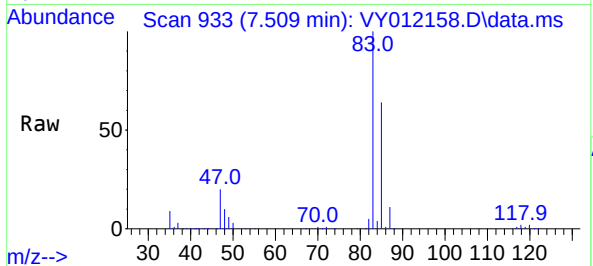




#30
Chloroform
Concen: 68.522 ug/l
RT: 7.509 min Scan# 912
Delta R.T. 0.006 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

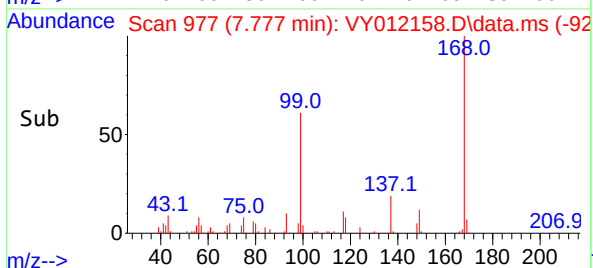
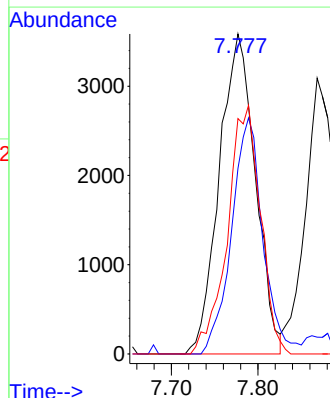
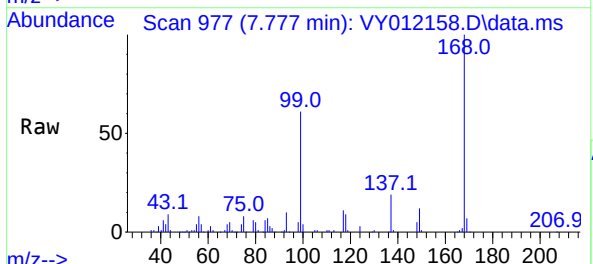
Instrument :
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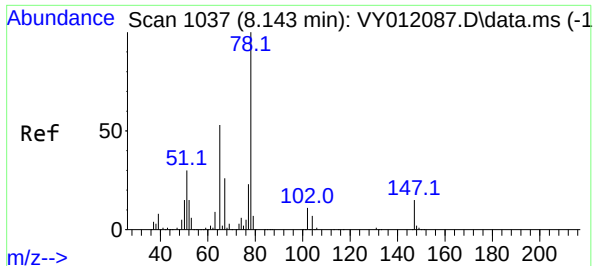
Tgt Ion: 83 Resp: 212827
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3



#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 56 Resp: 10390
Ion Ratio Lower Upper
56 100
69 57.9 29.2 43.8#
84 73.6 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 44.369 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012158.D

Acq: 11 Jan 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

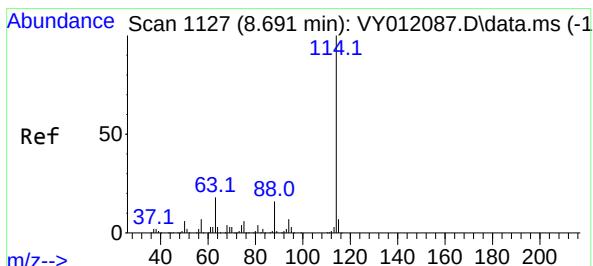
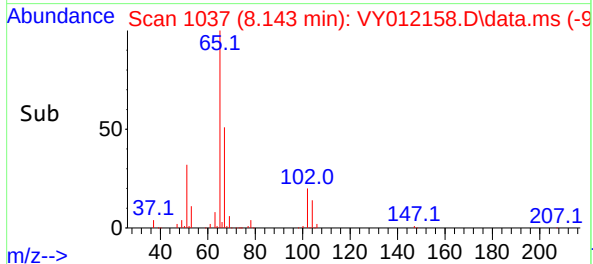
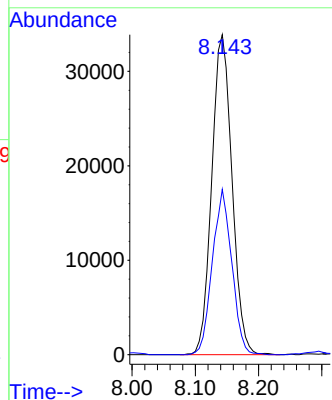
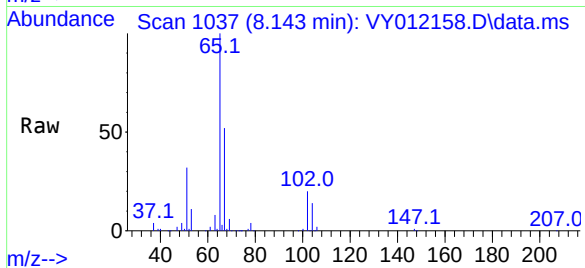
SLUDGE-7

Tgt Ion: 65 Resp: 75352

Ion Ratio Lower Upper

65 100

67 49.5 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: VY012158.D

Acq: 11 Jan 2023 13:15

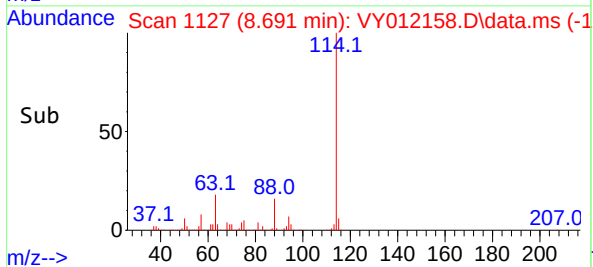
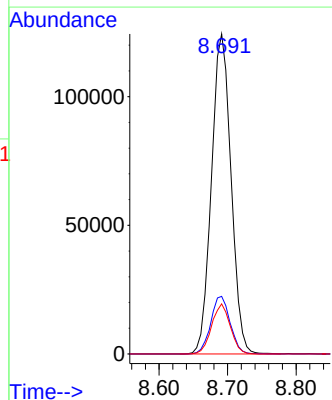
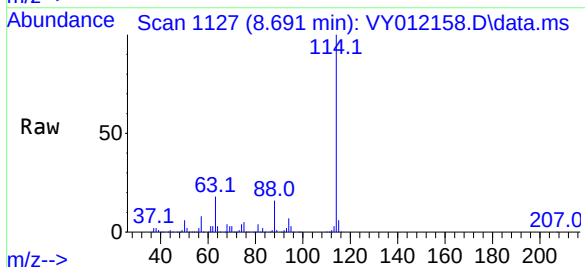
Tgt Ion: 114 Resp: 246744

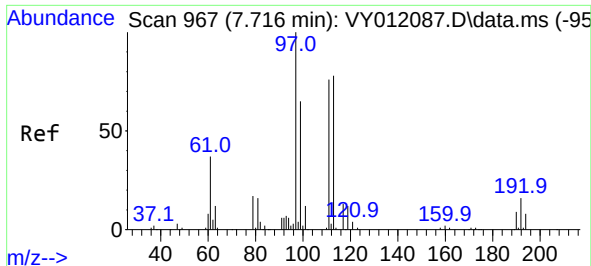
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.7 0.0 32.2

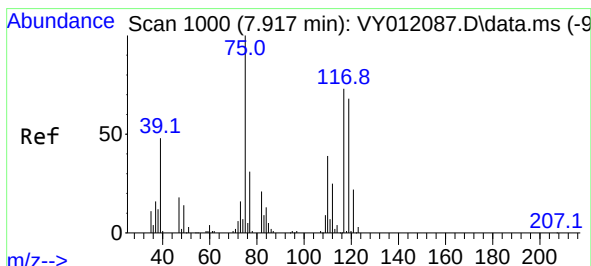
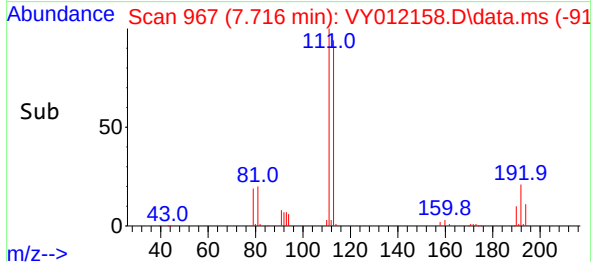
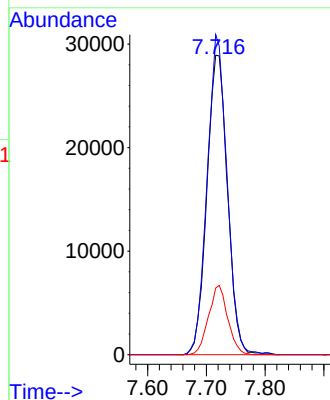
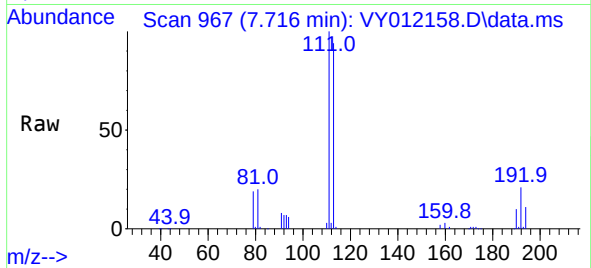




#35
Dibromofluoromethane
Concen: 43.413 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

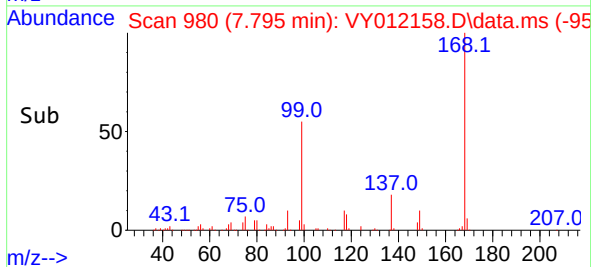
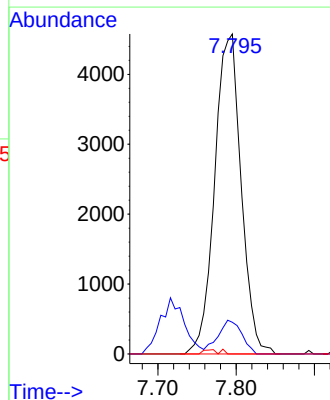
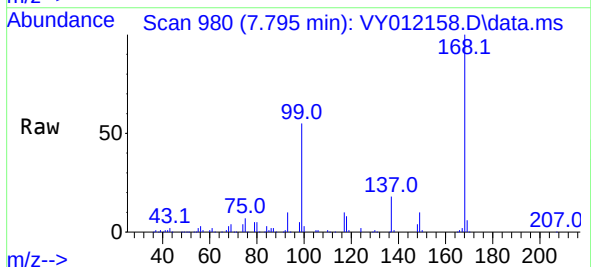
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

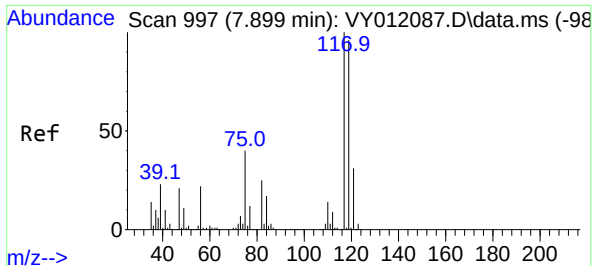
Tgt Ion:113 Resp: 70407
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.4
192 21.5 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 75 Resp: 10733
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.1#
77 0.8 25.1 37.7#

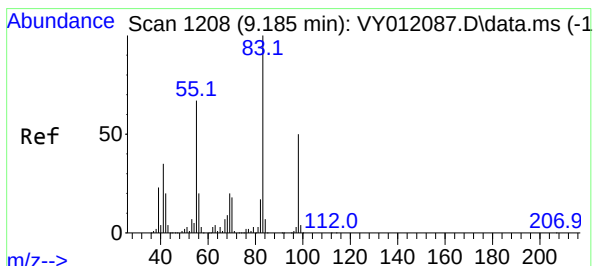
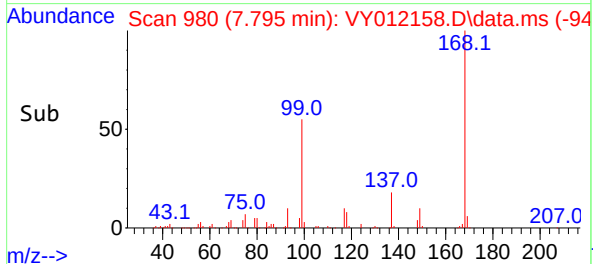
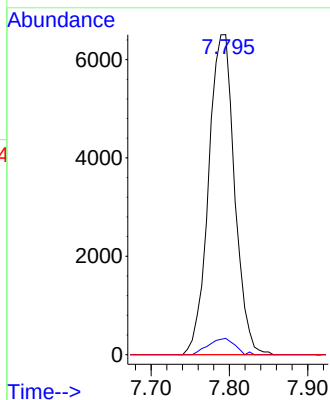
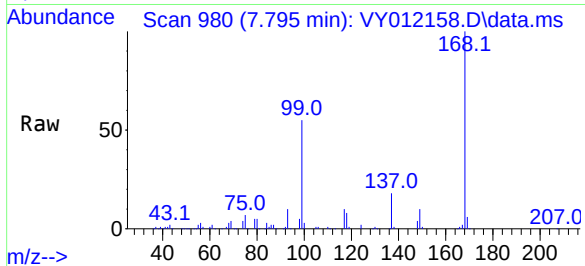




#38
Carbon Tetrachloride
Concen: 4.802 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

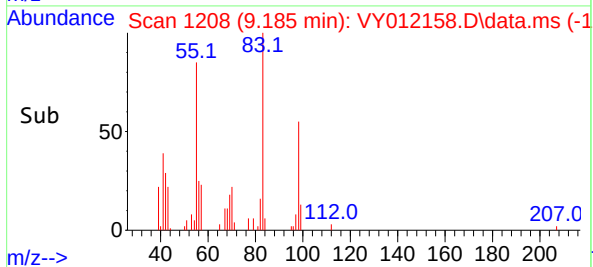
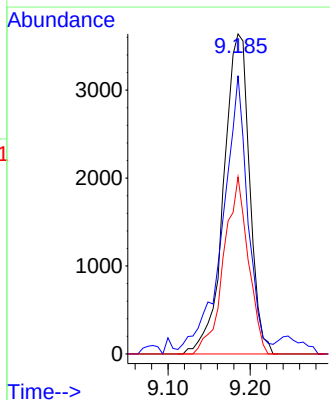
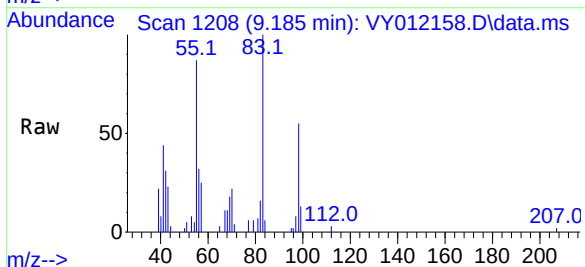
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

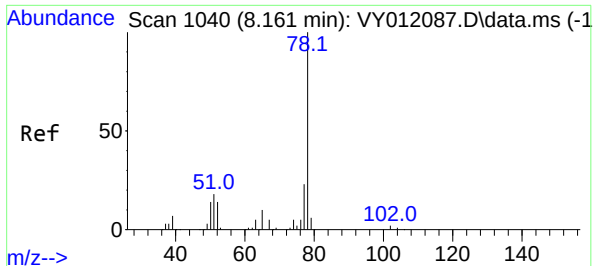
Tgt Ion:117 Resp: 14998
Ion Ratio Lower Upper
117 100
119 5.1 73.8 110.8#
121 0.0 25.2 37.8#



#39
Methylcyclohexane
Concen: 2.711 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 83 Resp: 7967
Ion Ratio Lower Upper
83 100
55 85.5 58.2 87.2
98 55.3 38.6 58.0

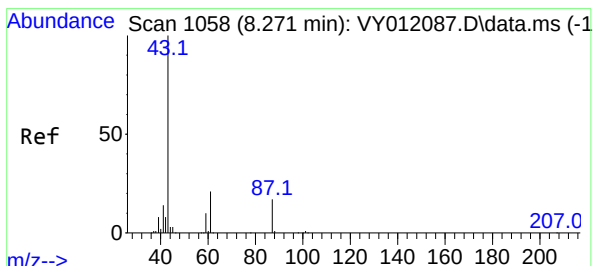
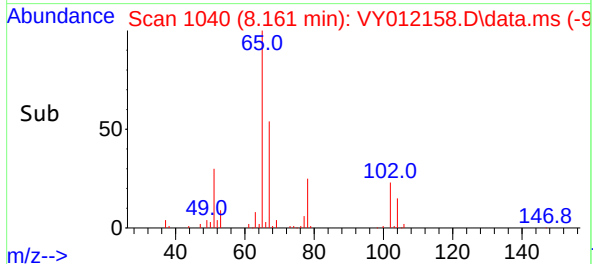
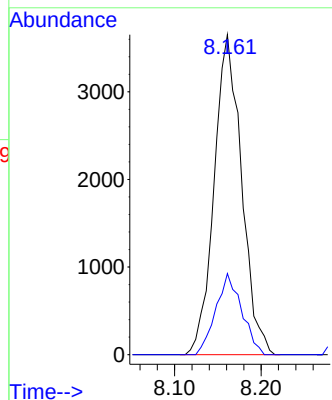
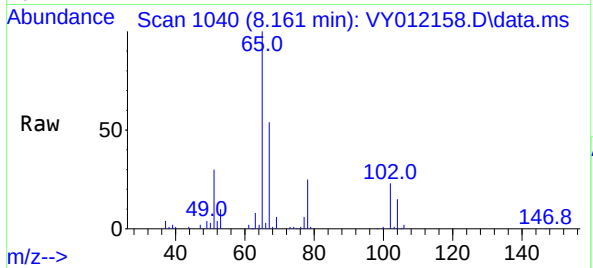




#40
Benzene
Concen: 1.121 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

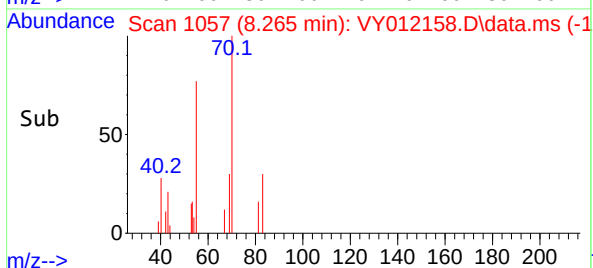
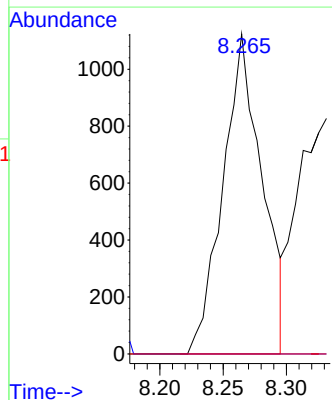
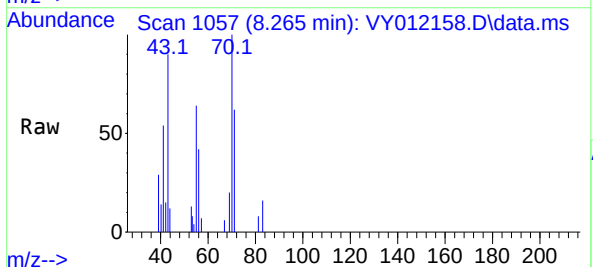
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

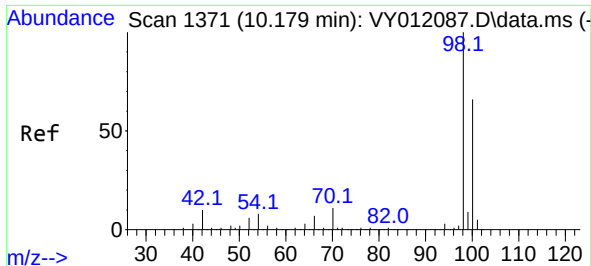
Tgt Ion: 78 Resp: 8035
Ion Ratio Lower Upper
78 100
77 25.4 18.6 27.8



#43
Isopropyl Acetate
Concen: 1.098 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 43 Resp: 2424
Ion Ratio Lower Upper
43 100
61 0.0 24.4 36.6#
87 0.0 11.4 17.2#

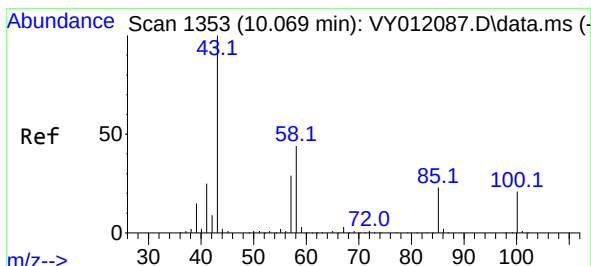
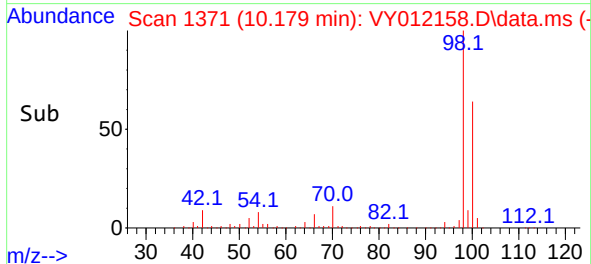
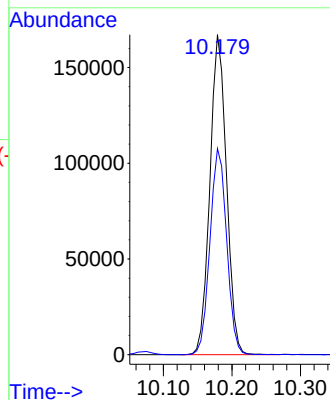
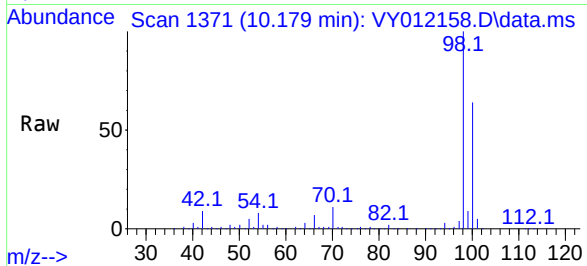




#50
Toluene-d8
Concen: 43.968 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

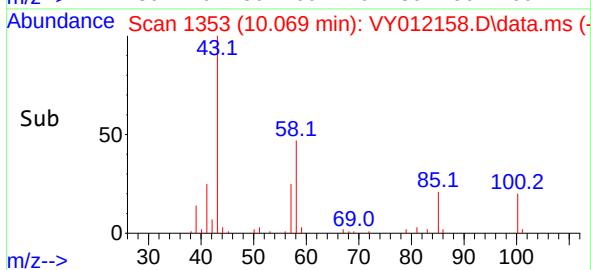
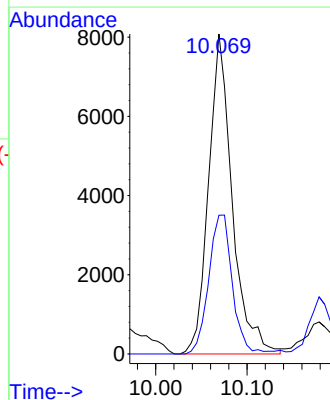
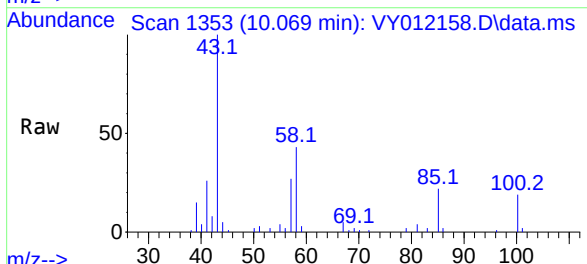
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

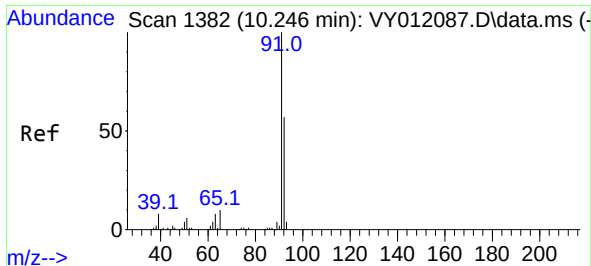
Tgt Ion: 98 Resp: 281451
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 12.322 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 43 Resp: 14476
Ion Ratio Lower Upper
43 100
58 43.4 32.9 49.3

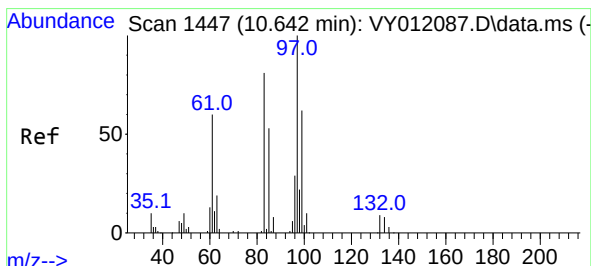
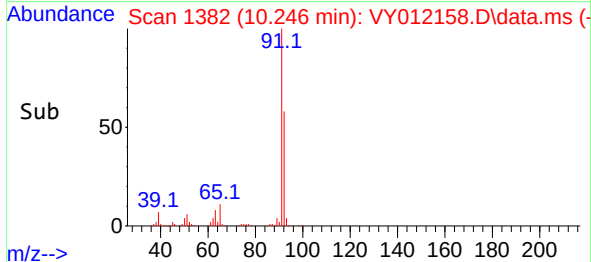
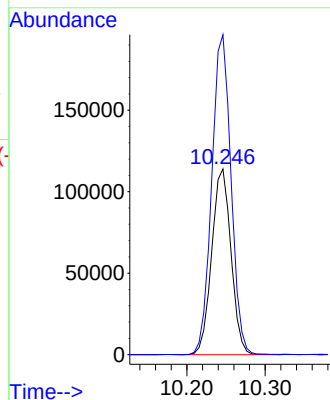
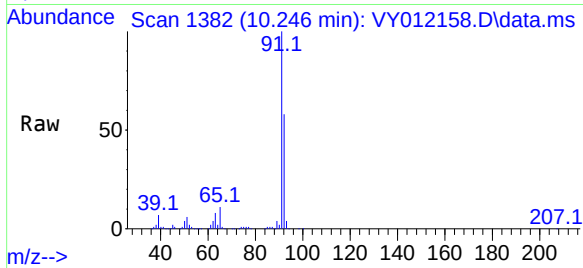




#52
Toluene
Concen: 41.005 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

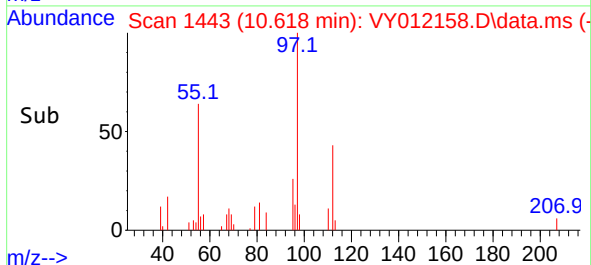
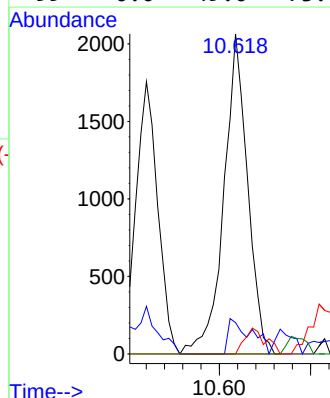
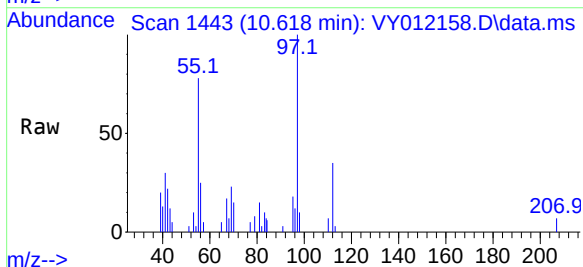
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

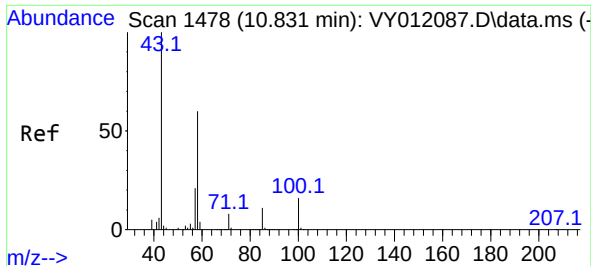
Tgt Ion: 92 Resp: 194606
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0



#55
1,1,2-Trichloroethane
Concen: 2.569 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 97 Resp: 3731
Ion Ratio Lower Upper
97 100
83 9.8 67.7 101.5#
85 0.0 43.8 65.8#
99 0.0 49.0 73.4#

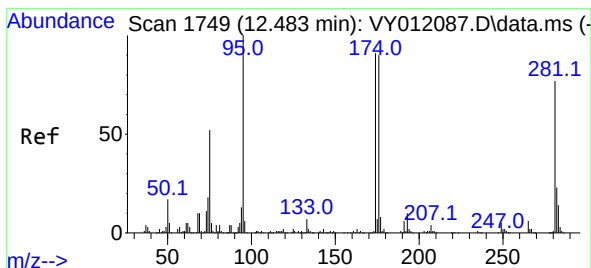
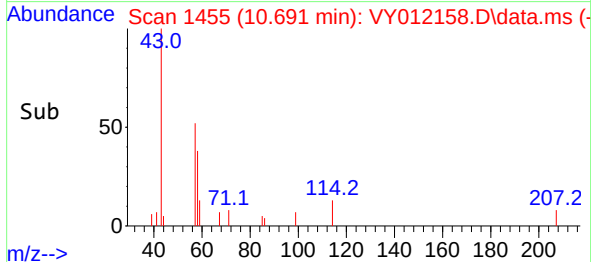
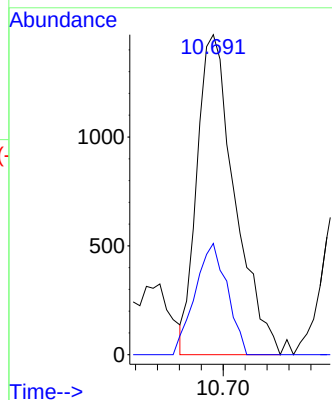
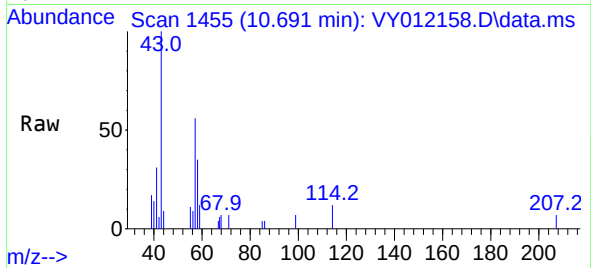




#59
2-Hexanone
Concen: 4.255 ug/l
RT: 10.691 min Scan# 1478
Delta R.T. -0.140 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

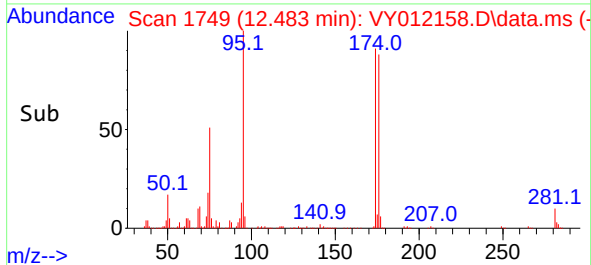
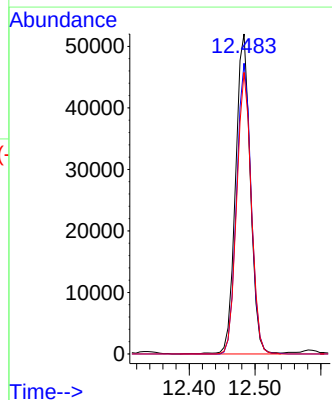
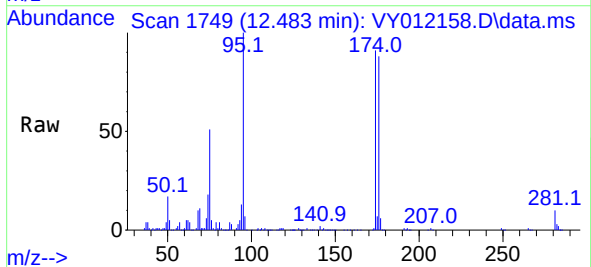
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

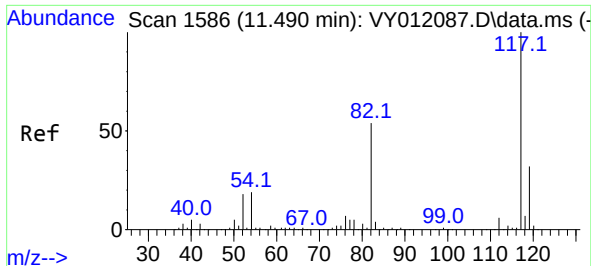
Tgt Ion: 43 Resp: 3510
Ion Ratio Lower Upper
43 100
58 29.7 28.4 85.2



#62
4-Bromofluorobenzene
Concen: 36.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 95 Resp: 81229
Ion Ratio Lower Upper
95 100
174 89.2 0.0 172.0
176 86.4 0.0 167.6

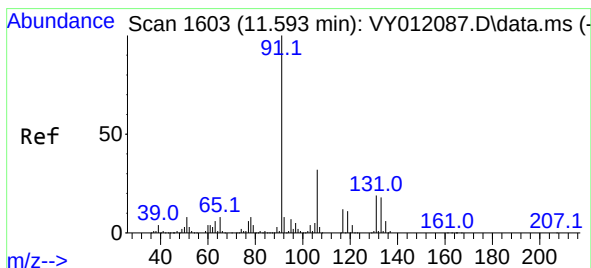
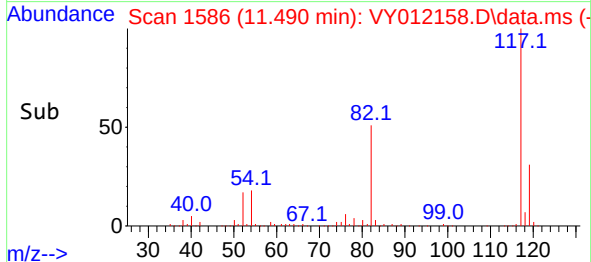
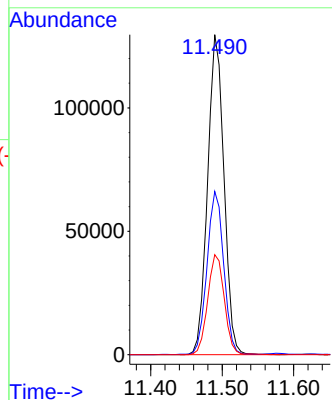
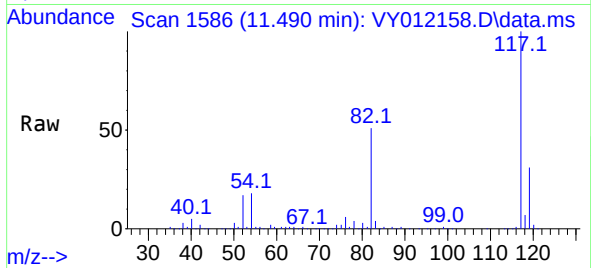




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

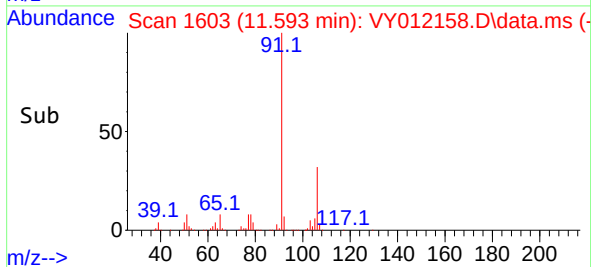
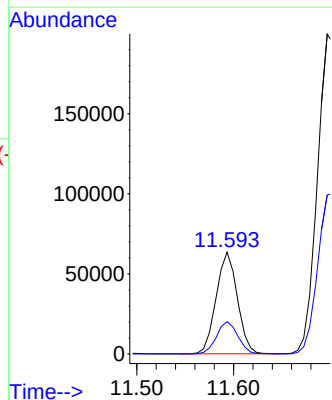
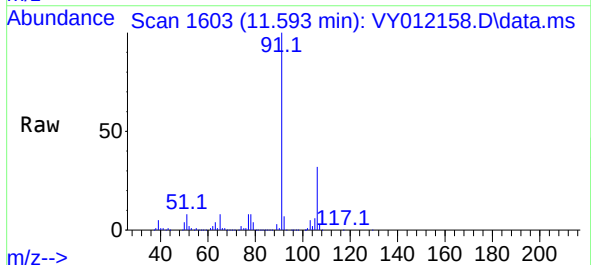
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

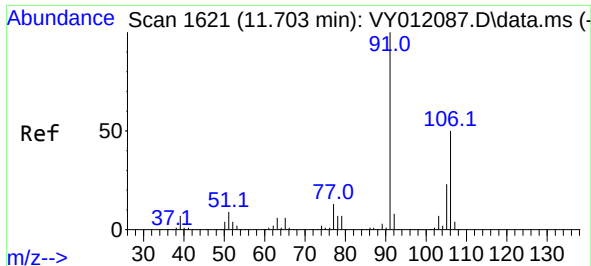
Tgt Ion:117 Resp: 206206
Ion Ratio Lower Upper
117 100
82 50.8 44.8 67.2
119 31.3 25.4 38.2



#67
Ethyl Benzene
Concen: 11.445 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 91 Resp: 96336
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4

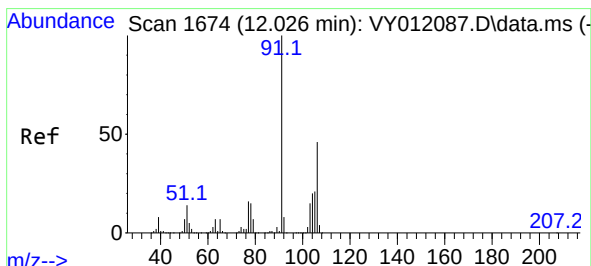
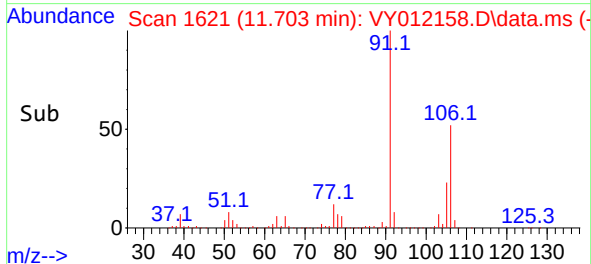
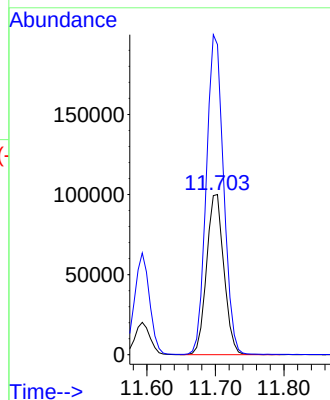
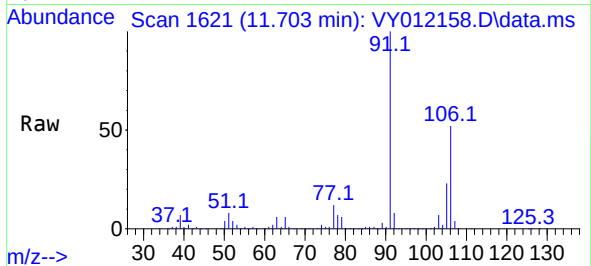




#68
m/p-Xylenes
Concen: 53.235 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

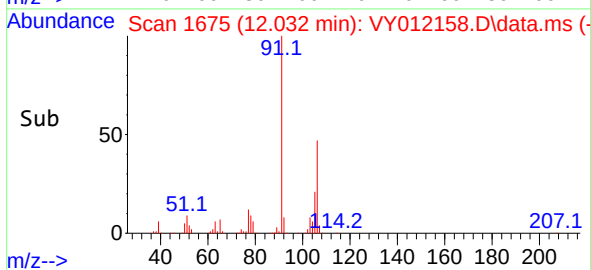
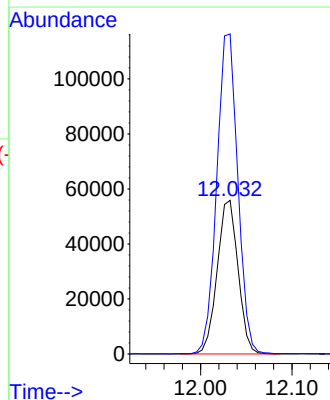
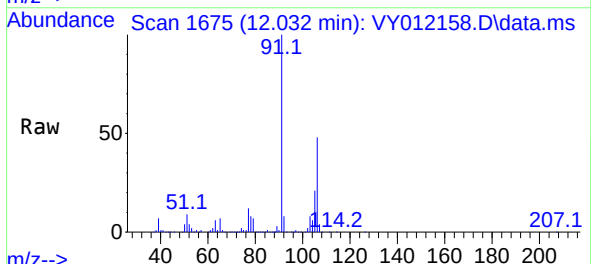
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

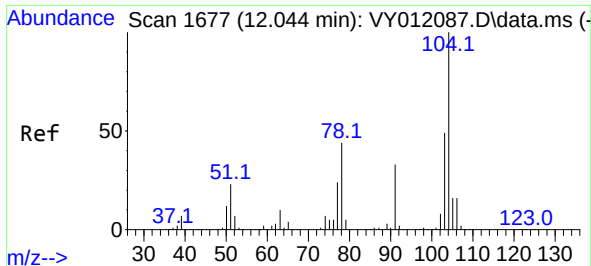
Tgt Ion:106 Resp: 175757
Ion Ratio Lower Upper
106 100
91 199.5 162.5 243.7



#69
o-Xylene
Concen: 28.201 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion:106 Resp: 88652
Ion Ratio Lower Upper
106 100
91 210.6 107.5 322.4

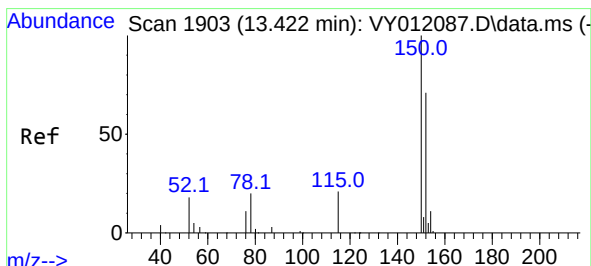
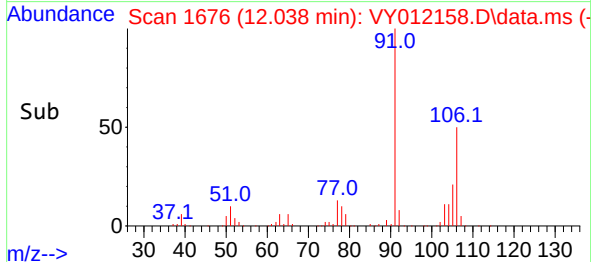
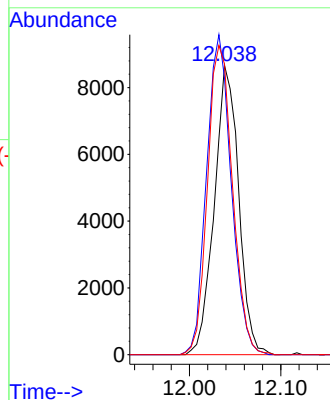
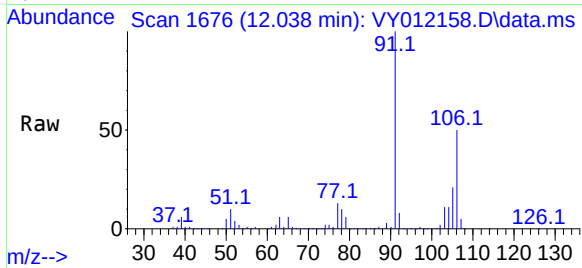




#70
Styrene
Concen: 3.003 ug/l
RT: 12.038 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

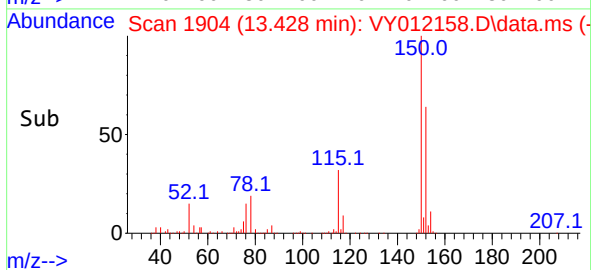
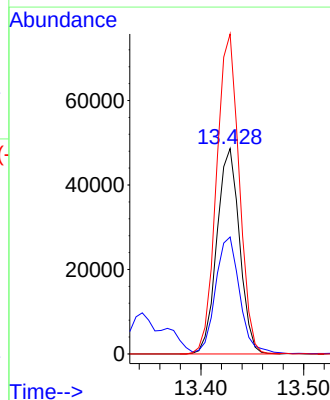
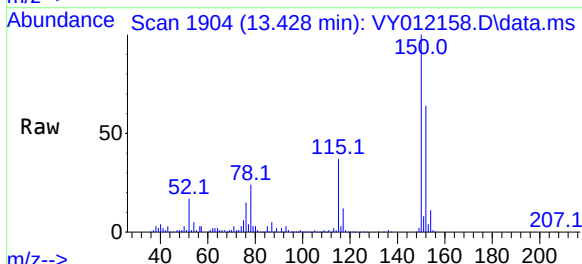
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

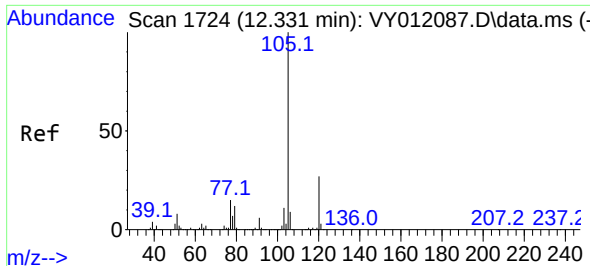
Tgt Ion:104 Resp: 16038
Ion Ratio Lower Upper
104 100
78 112.0 39.4 59.0#
103 109.9 43.0 64.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion:152 Resp: 74333
Ion Ratio Lower Upper
152 100
115 60.2 29.1 87.3
150 156.1 0.0 342.6

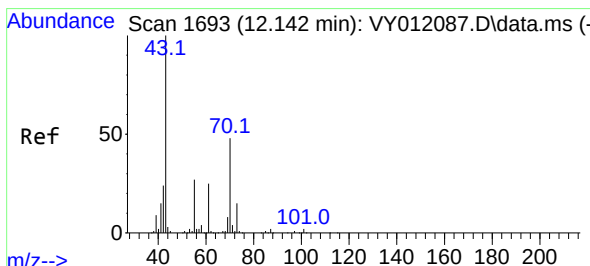
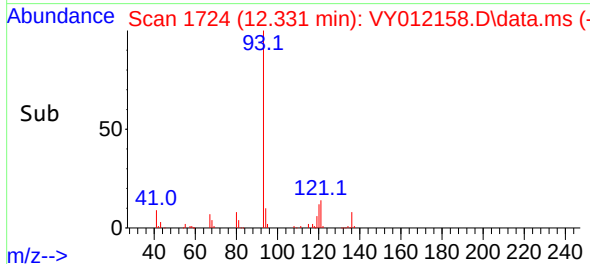
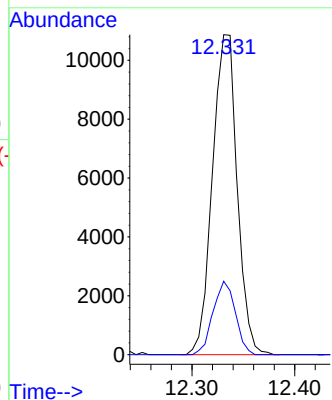
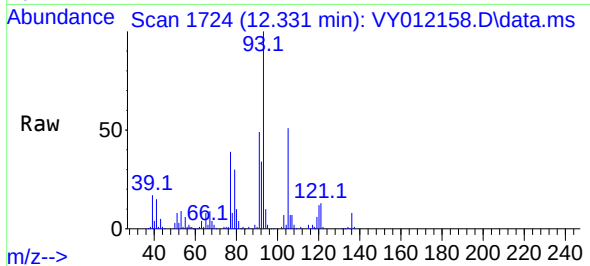




#73
Isopropylbenzene
Concen: 3.087 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

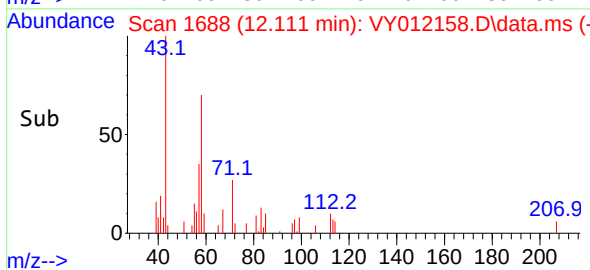
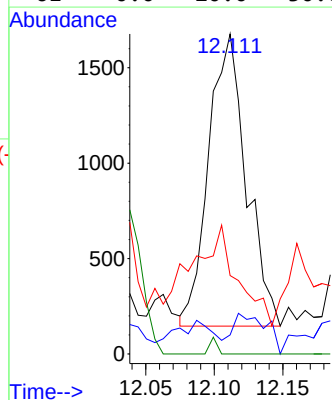
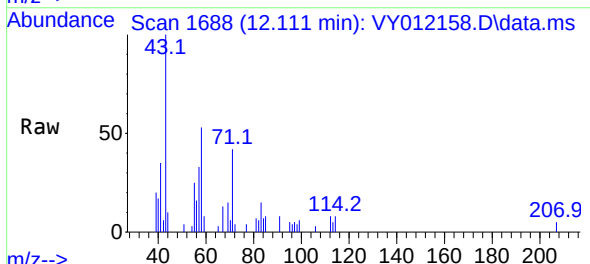
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

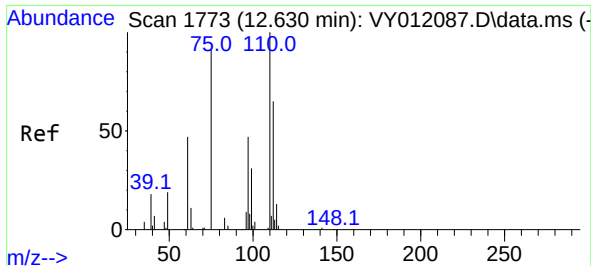
Tgt Ion:105 Resp: 18159
Ion Ratio Lower Upper
105 100
120 20.7 13.2 39.6



#74
N-ethyl acetate
Concen: 2.413 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. -0.031 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 43 Resp: 2930
Ion Ratio Lower Upper
43 100
70 12.4 35.8 53.8#
55 41.8 21.0 31.4#
61 0.0 20.0 30.0#

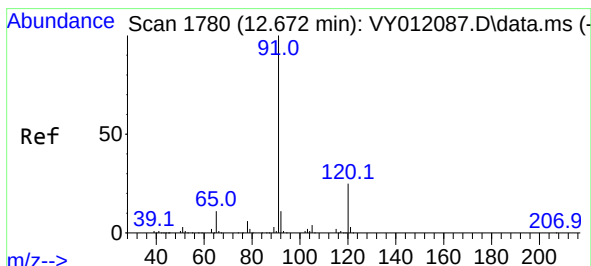
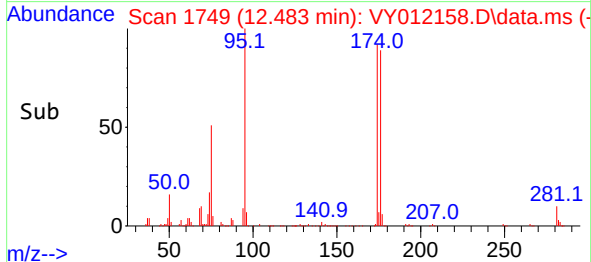
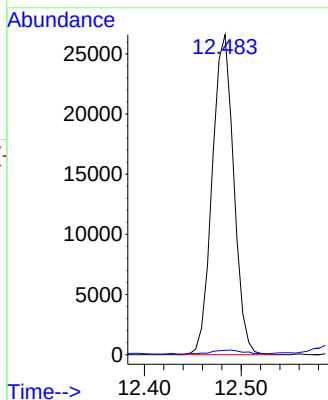
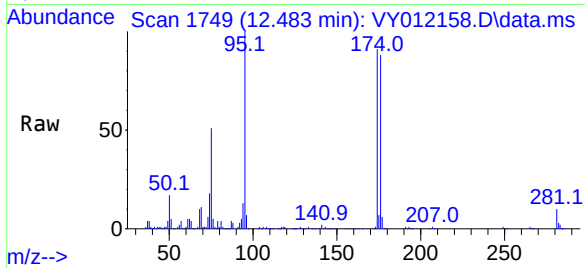




#76
1,2,3-Trichloropropane
Concen: 48.335 ug/l
RT: 12.483 min Scan# 1773
Delta R.T. -0.147 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

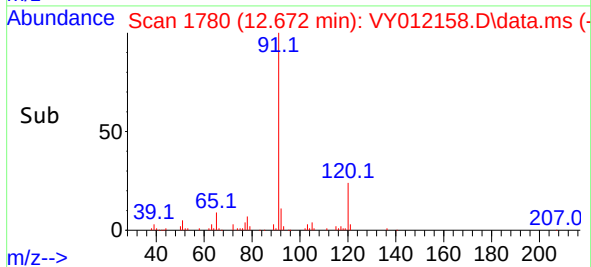
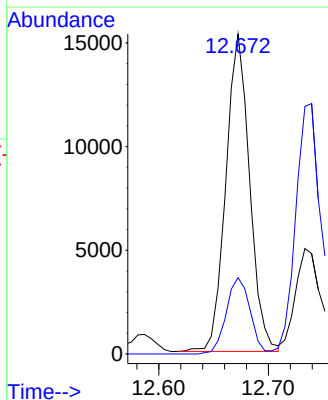
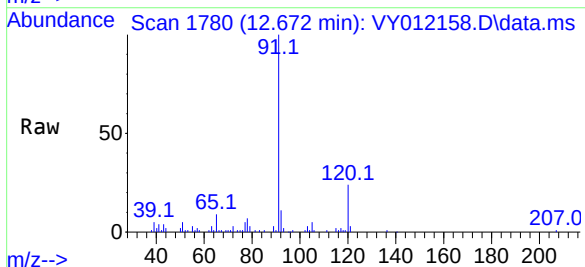
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

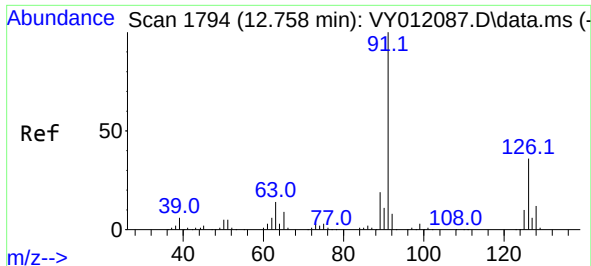
Tgt Ion: 75 Resp: 41024
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#78
n-propylbenzene
Concen: 3.360 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 91 Resp: 23073
Ion Ratio Lower Upper
91 100
120 24.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 1.865 ug/l

RT: 12.733 min Scan# 11

Delta R.T. -0.025 min

Lab File: VY012158.D

Acq: 11 Jan 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

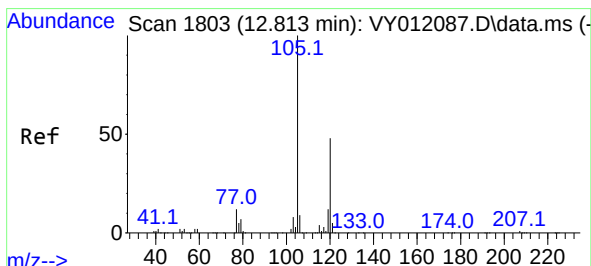
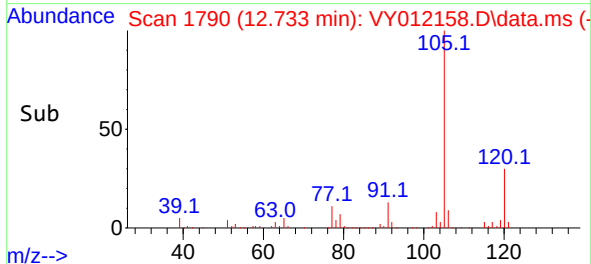
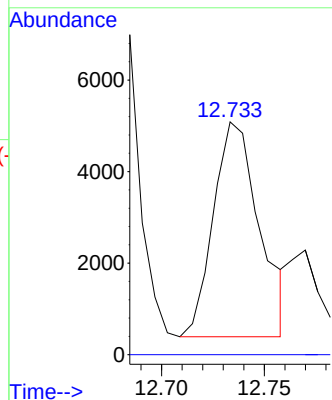
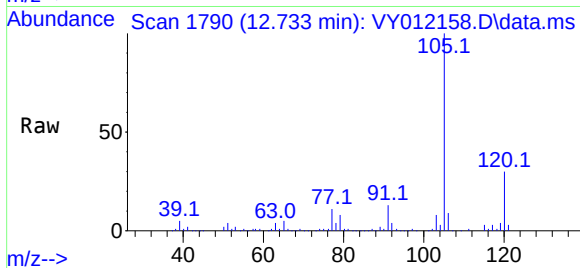
SLUDGE-7

Tgt Ion: 91 Resp: 7327

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#



#80

1,3,5-Trimethylbenzene

Concen: 7.239 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012158.D

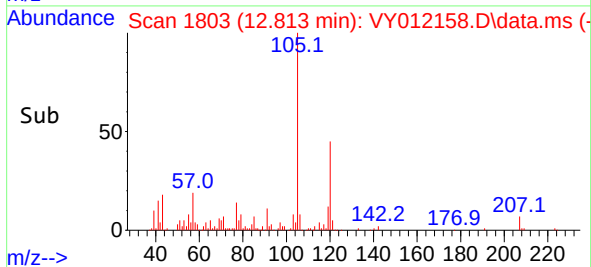
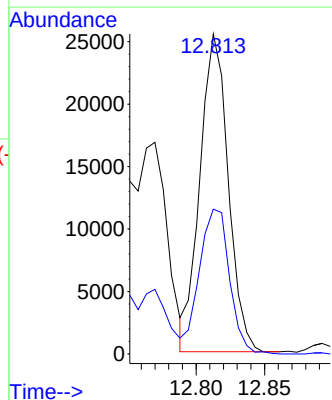
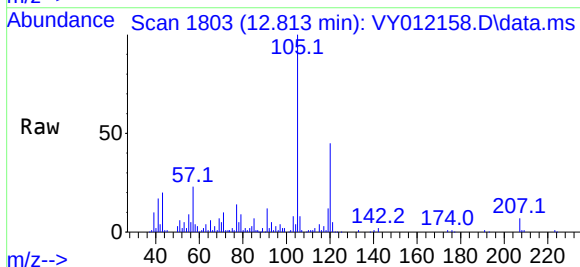
Acq: 11 Jan 2023 13:15

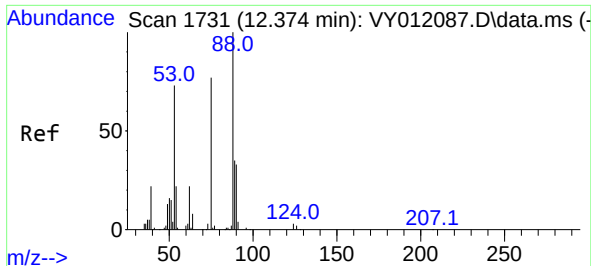
Tgt Ion: 105 Resp: 36520

Ion Ratio Lower Upper

105 100

120 48.7 24.2 72.6

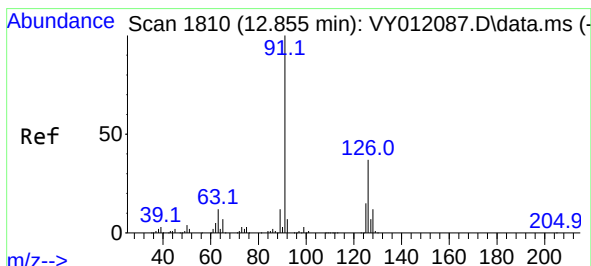
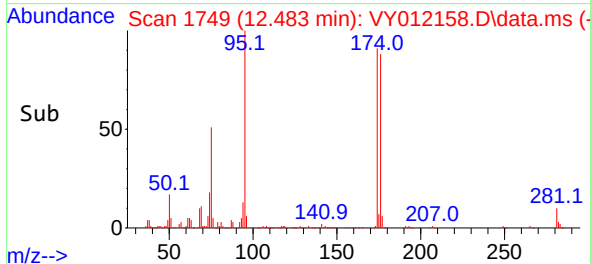
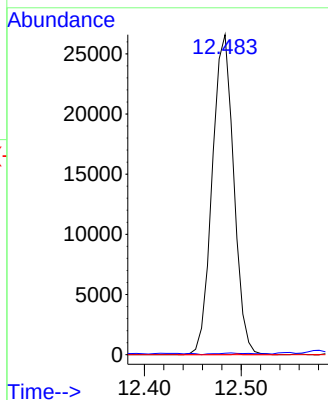
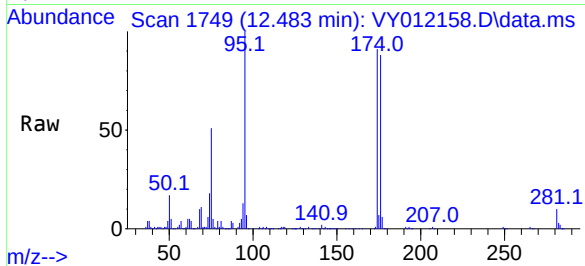




#81
trans-1,4-Dichloro-2-butene
Concen: 107.346 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

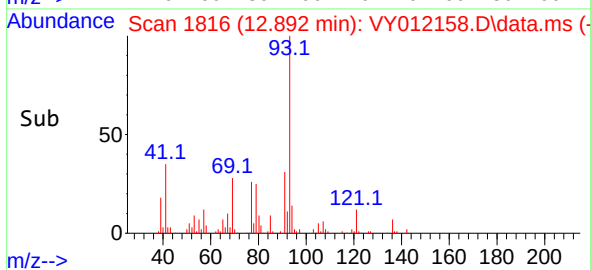
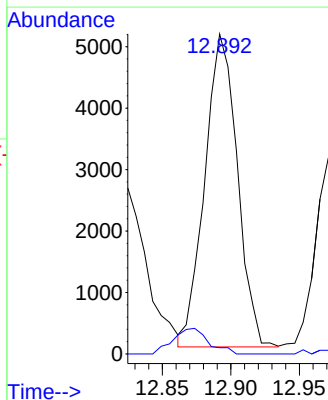
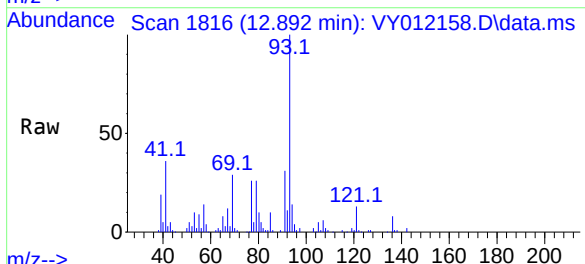
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

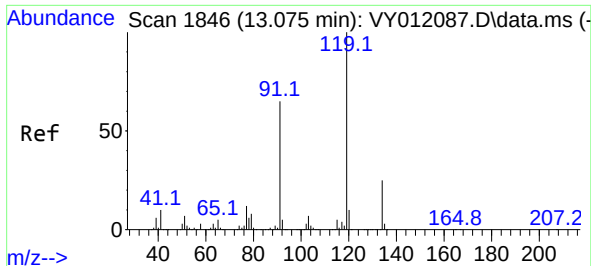
Tgt Ion: 75 Resp: 41024
Ion Ratio Lower Upper
75 100
53 0.9 72.5 108.7#
89 0.1 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.051 ug/l
RT: 12.892 min Scan# 1816
Delta R.T. 0.037 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion: 91 Resp: 8426
Ion Ratio Lower Upper
91 100
126 8.9 17.1 51.2#

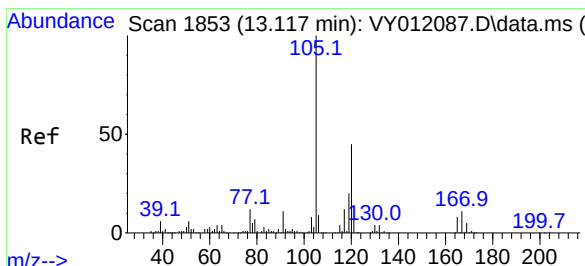
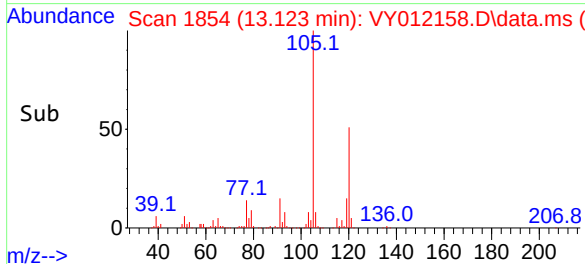
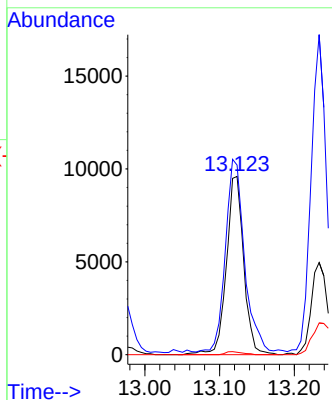
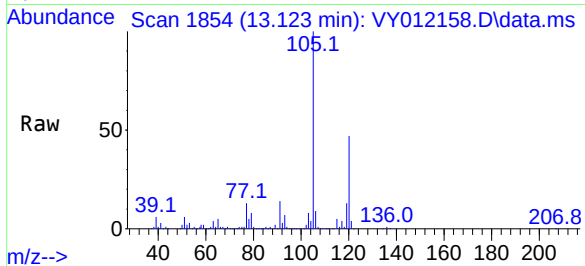




#83
tert-Butylbenzene
Concen: 3.498 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.048 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

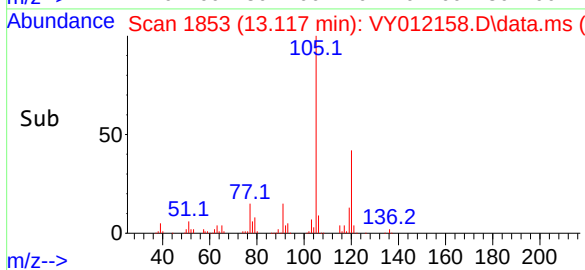
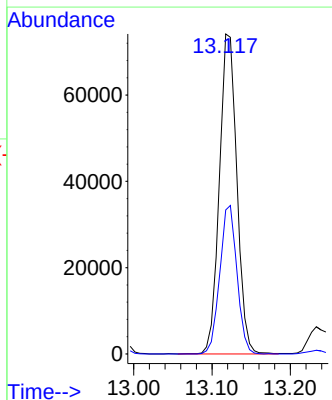
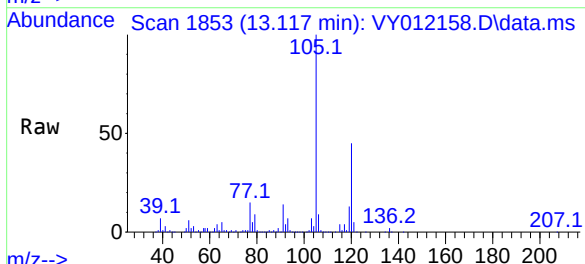
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7

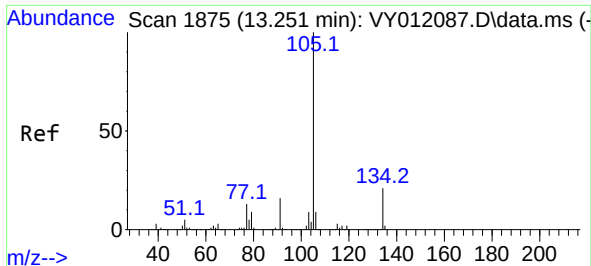
Tgt Ion:119 Resp: 15462
Ion Ratio Lower Upper
119 100
91 119.2 32.3 96.8#
134 0.0 13.0 39.0#



#84
1,2,4-Trimethylbenzene
Concen: 23.116 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Tgt Ion:105 Resp: 115435
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7

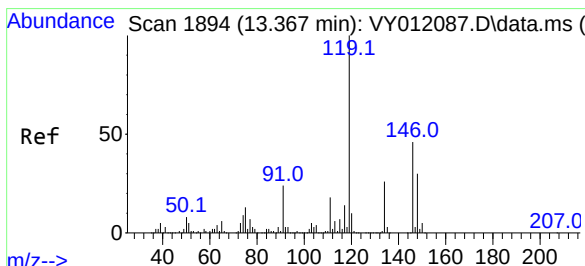
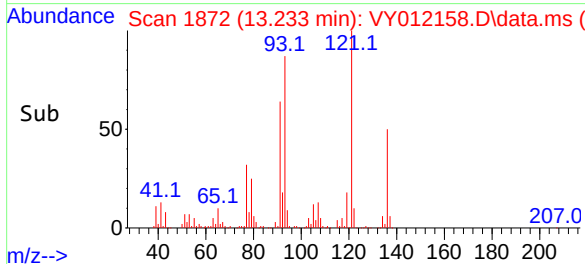
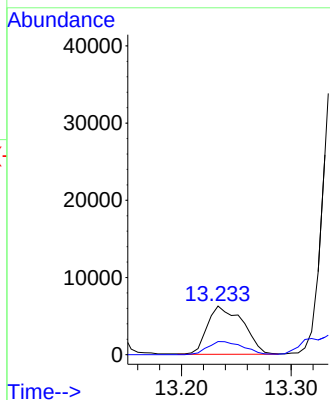
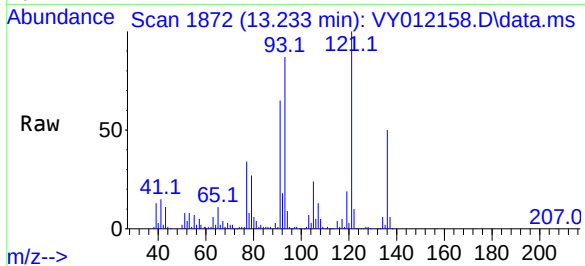




#85
 sec-Butylbenzene
 Concen: 2.227 ug/l
 RT: 13.233 min Scan# 1872
 Delta R.T. -0.018 min
 Lab File: VY012158.D
 Acq: 11 Jan 2023 13:15

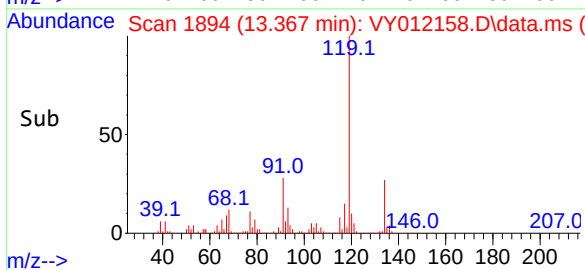
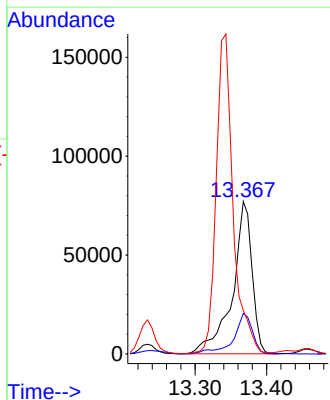
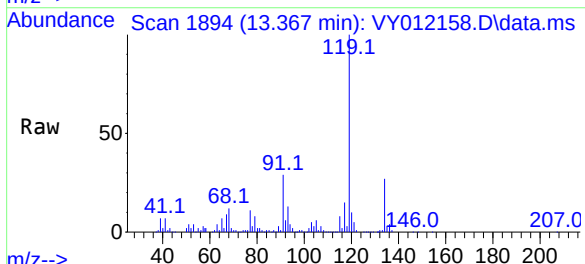
Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-7

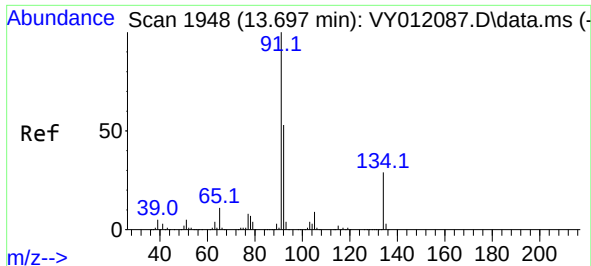
Tgt Ion:105 Resp: 14151
 Ion Ratio Lower Upper
 105 100
 134 27.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 26.762 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012158.D
 Acq: 11 Jan 2023 13:15

Tgt Ion:119 Resp: 147302
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 0.0 11.9 35.9#





#89

n-Butylbenzene

Concen: 4.936 ug/l

RT: 13.587 min Scan# 1948

Delta R.T. -0.110 min

Lab File: VY012158.D

Acq: 11 Jan 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-7

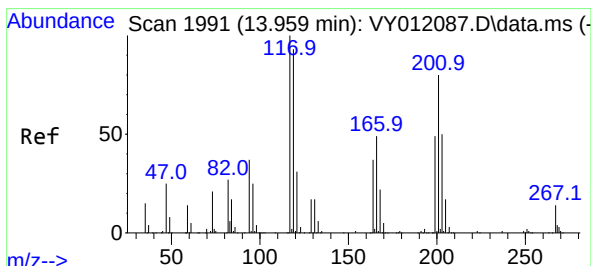
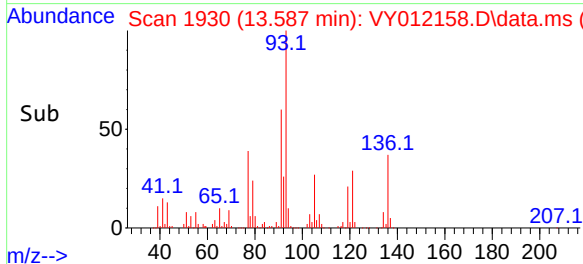
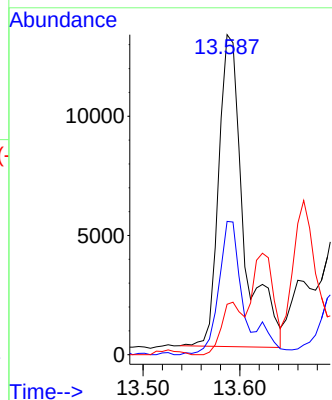
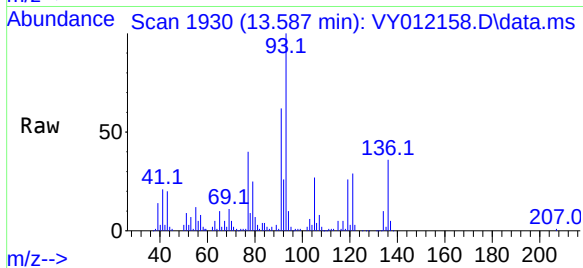
Tgt Ion: 91 Resp: 23542

Ion Ratio Lower Upper

91 100

92 38.1 26.8 80.4

134 14.5 13.3 39.8



#90

Hexachloroethane

Concen: 2.467 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY012158.D

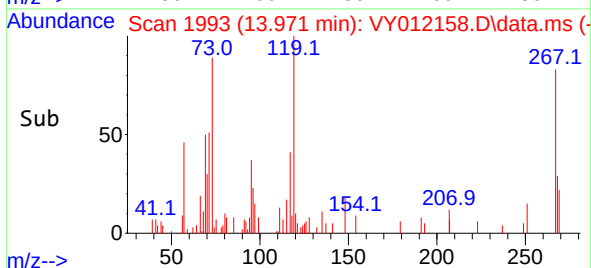
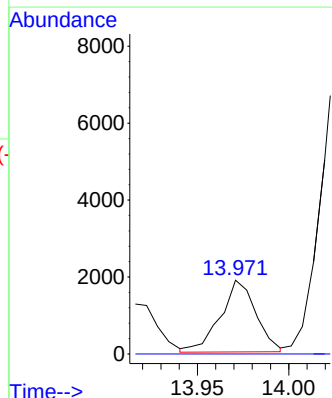
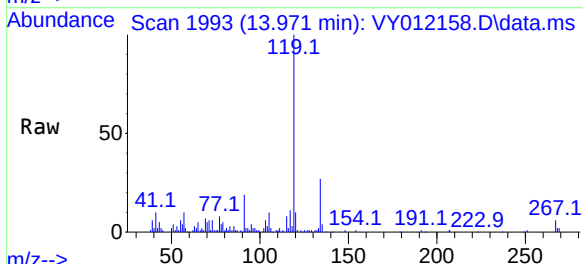
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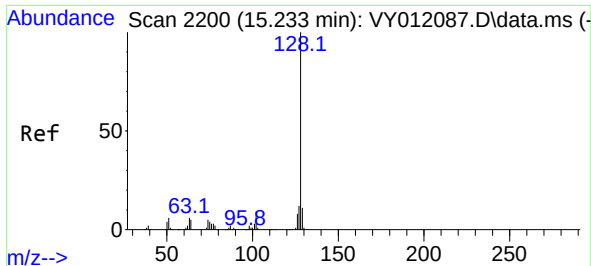
Tgt Ion: 117 Resp: 2519

Ion Ratio Lower Upper

117 100

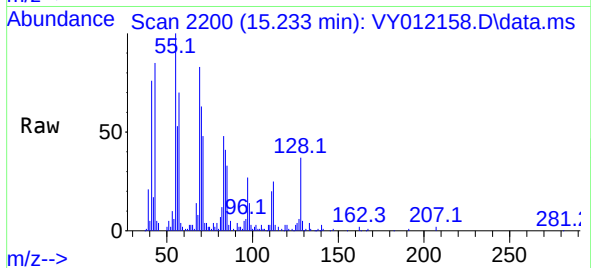
201 0.0 40.3 120.8#





#95
Naphthalene
Concen: 3.475 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY012158.D
Acq: 11 Jan 2023 13:15

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-7



Tgt Ion:128 Resp: 10741
Ion Ratio Lower Upper
128 100
127 17.5 10.2 15.2#
129 9.1 8.8 13.2

