

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078627.D
 Acq On : 21 Jul 2023 20:39
 Operator : JC\MD
 Sample : 03668-01 20X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-DRUM

Quant Time: Jul 21 23:32:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	463110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	826648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	766623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	343288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	287093	46.242	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.480%		
35) Dibromofluoromethane	8.171	113	283873	50.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.180%		
50) Toluene-d8	10.571	98	984491	46.441	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.880%		
62) 4-Bromofluorobenzene	12.853	95	370658	56.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.540%		
Target Compounds						Qvalue
3) Chloromethane	2.377	50	1862	0.302	ug/l	91
5) Bromomethane	2.959	94	2255	Below Cal	#	57
6) Chloroethane	3.124	64	1437	Below Cal	#	43
11) Tert butyl alcohol	5.530	59	1744	1.822	ug/l #	72
13) Acrolein	4.206	56	231	0.245	ug/l #	73
15) Acrylonitrile	5.800	53	705	0.291	ug/l #	29
16) Acetone	4.447	43	877	0.453	ug/l #	40
18) Methyl Acetate	5.047	43	2534	0.310	ug/l #	42
20) Methylene Chloride	5.277	84	641	Below Cal	#	30
25) 2-Butanone	7.494	43	2696	0.886	ug/l #	37
30) Chloroform	7.941	83	2422	0.231	ug/l #	15
31) Cyclohexane	8.224	56	72256	8.612	ug/l #	53
36) 1,1-Dichloropropene	8.235	75	35684	4.404	ug/l #	53
37) Ethyl Acetate	7.494	43	2696	0.399	ug/l #	69
38) Carbon Tetrachloride	8.235	117	49632	5.636	ug/l #	15
39) Methylcyclohexane	9.606	83	64892	8.774	ug/l #	79
43) Isopropyl Acetate	8.712	43	70659	6.354	ug/l #	50
47) Bromodichloromethane	9.882	83	6183	0.721	ug/l #	26
48) Methyl methacrylate	9.647	41	23904	4.640	ug/l #	20
51) 4-Methyl-2-Pentanone	10.347	43	195447	29.548	ug/l #	36
55) 1,1,2-Trichloroethane	11.012	97	36347	6.201	ug/l #	26
56) Ethyl methacrylate	10.871	69	3006	0.367	ug/l #	33
58) 2-Chloroethyl Vinyl ether	10.159	63	766	0.262	ug/l #	55
59) 2-Hexanone	11.176	43	33535	7.134	ug/l #	22
68) m/p-Xylenes	12.076	106	16772	1.566	ug/l	89
69) o-Xylene	12.406	106	8569	0.792	ug/l	94
71) Bromoform	12.853	173	3393	0.760	ug/l #	1
73) Isopropylbenzene	12.700	105	9422	0.292	ug/l	99
74) N-amyl acetate	12.488	43	26583	2.391	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.882	83	2101	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	190746	22.988	ug/l #	1
77) Bromobenzene	12.988	156	54	Below Cal	#	1
78) n-propylbenzene	13.041	91	33648	0.975	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	153536	6.024	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.853	75	190746	60.408	ug/l #	16
83) tert-Butylbenzene	13.482	119	47508	2.196	ug/l #	64

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

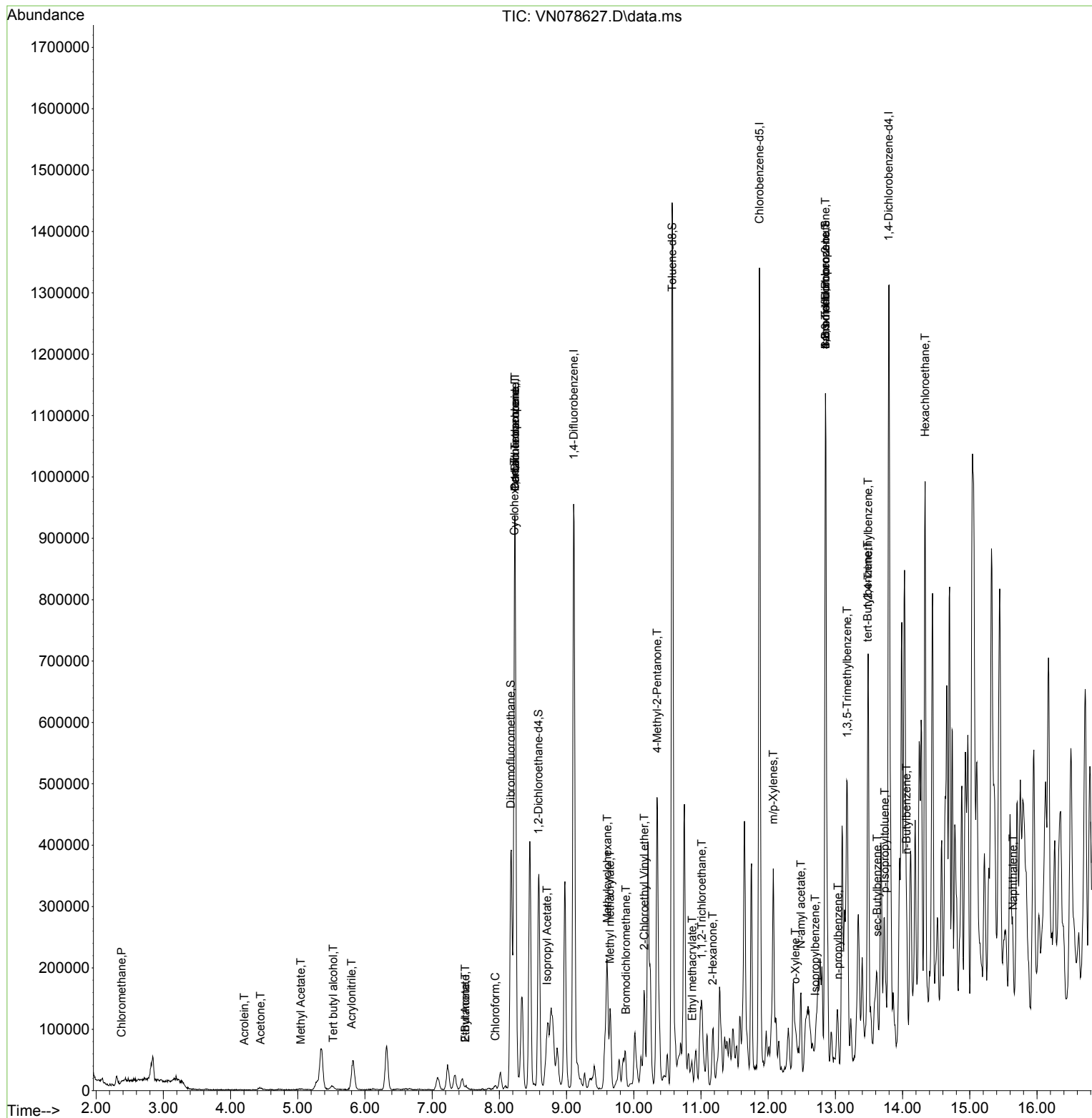
84) 1,2,4-Trimethylbenzene	13.488	105	376418	15.205	ug/l	98
85) sec-Butylbenzene	13.623	105	64311	2.351	ug/l #	57
86) p-Isopropyltoluene	13.735	119	66495	3.028	ug/l	95
89) n-Butylbenzene	14.059	91	103227	6.569	ug/l #	82
90) Hexachloroethane	14.335	117	46196	10.805	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.735	75	1512	Below Cal	#	10
94) Hexachlorobutadiene	15.500	225	343	Below Cal	#	30
95) Naphthalene	15.647	128	25485	1.895	ug/l #	84

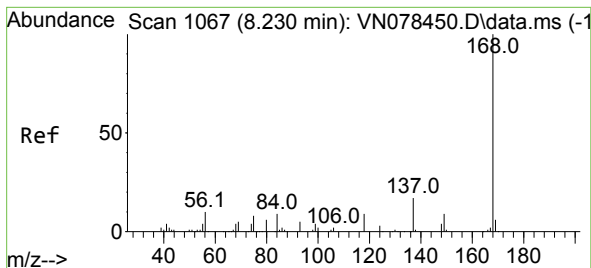
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

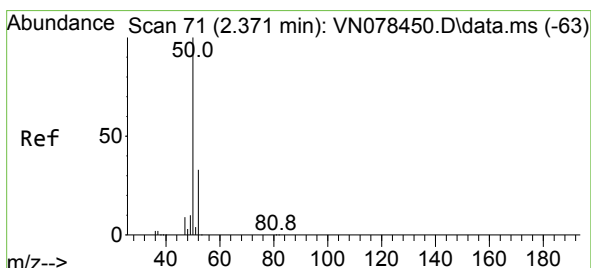
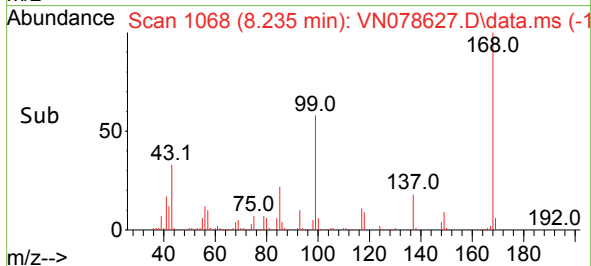
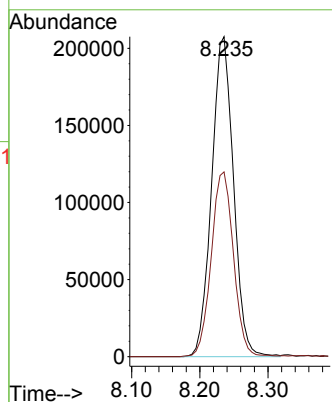
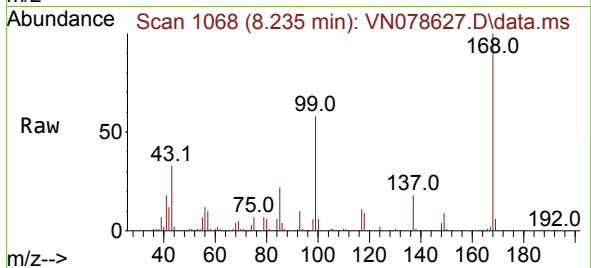
SLUDGE-DRUM

Tgt Ion:168 Resp: 463110

Ion Ratio Lower Upper

168 100

99 57.7 53.0 79.6



#3

Chloromethane

Concen: 0.302 ug/l

RT: 2.377 min Scan# 72

Delta R.T. 0.006 min

Lab File: VN078627.D

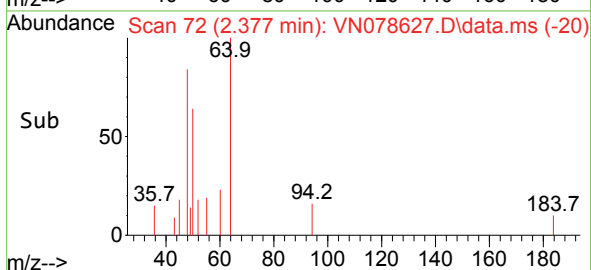
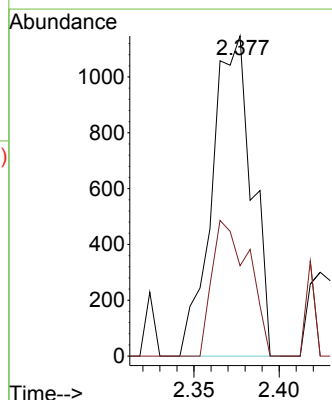
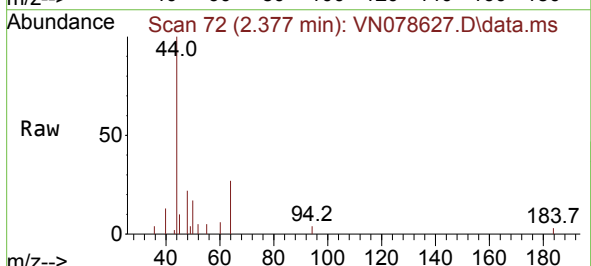
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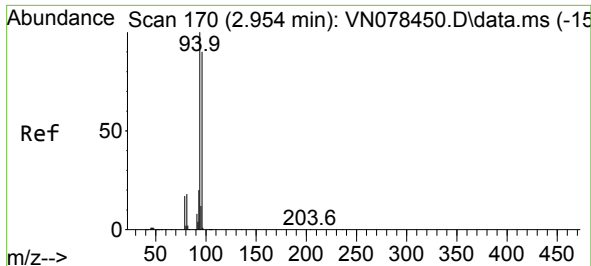
Tgt Ion: 50 Resp: 1862

Ion Ratio Lower Upper

50 100

52 28.2 26.5 39.7

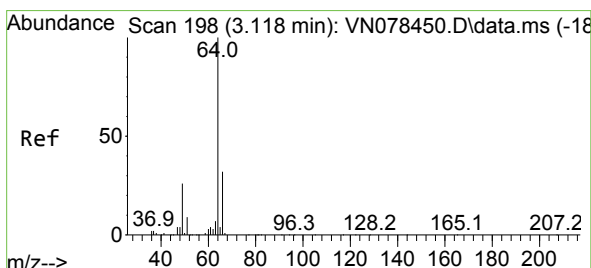
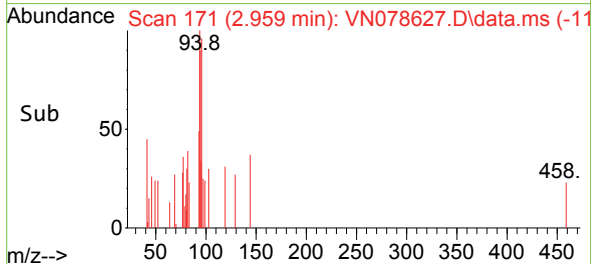
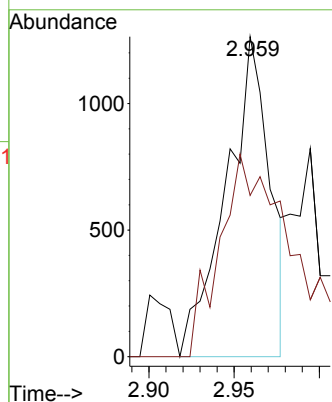
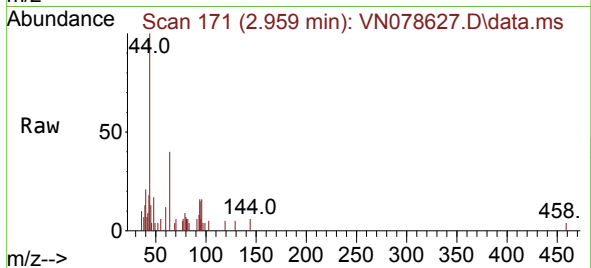




#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

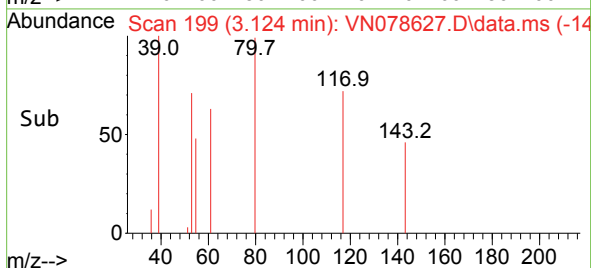
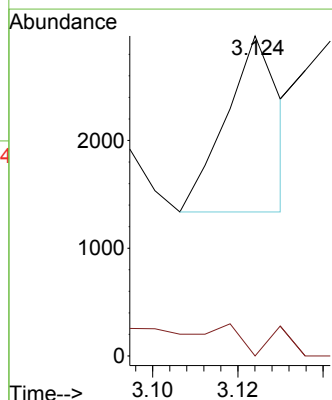
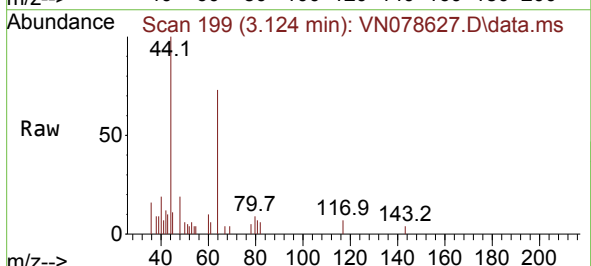
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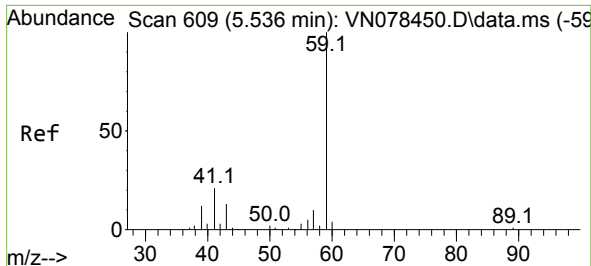
Tgt Ion: 94 Resp: 2255
Ion Ratio Lower Upper
94 100
96 50.4 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 64 Resp: 1437
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

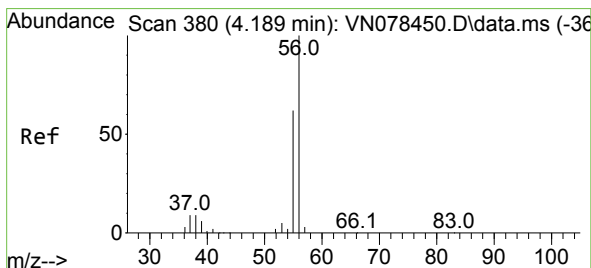
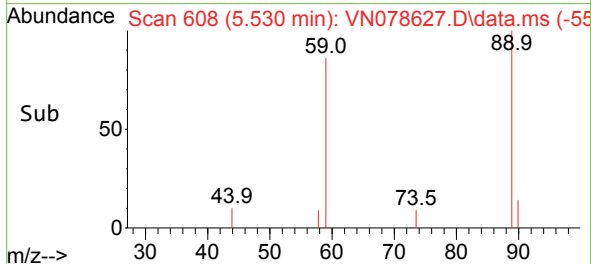
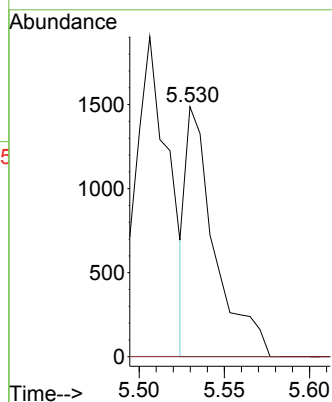
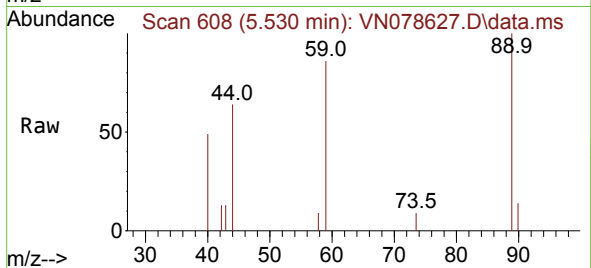




#11
Tert butyl alcohol
Concen: 1.822 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

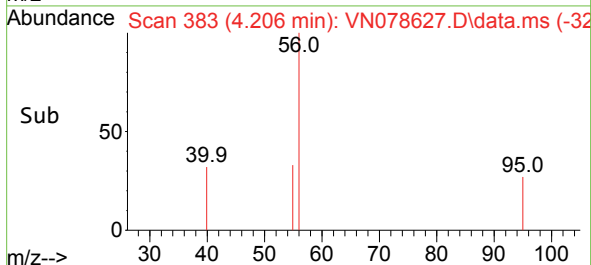
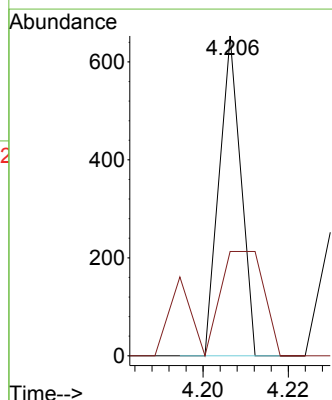
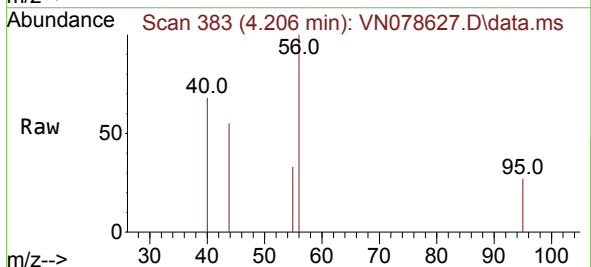
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

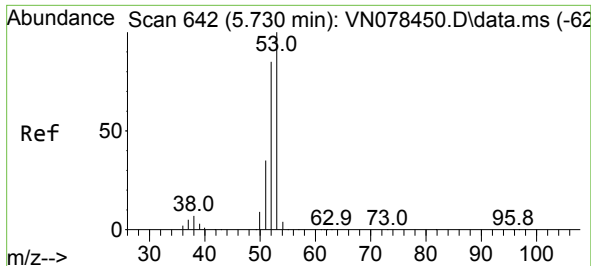
Tgt Ion: 59 Resp: 1744
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.245 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.017 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
55 89.6 54.5 81.7#

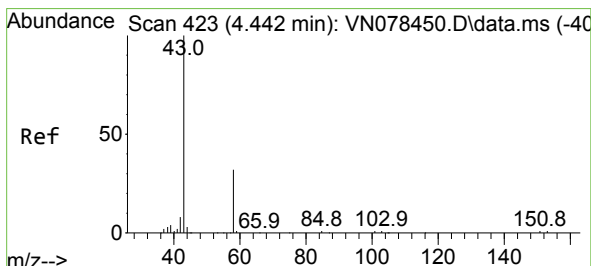
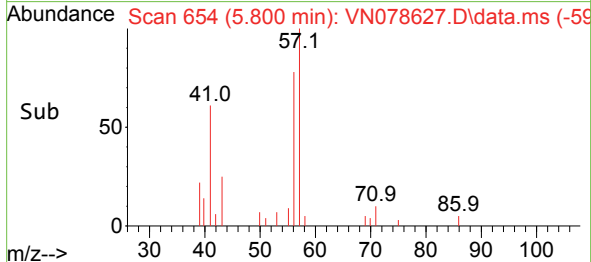
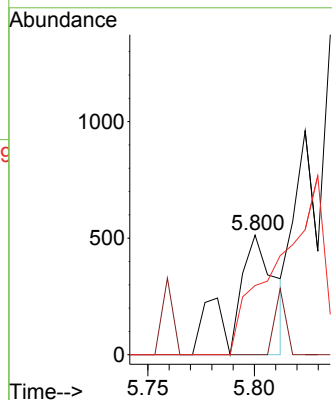
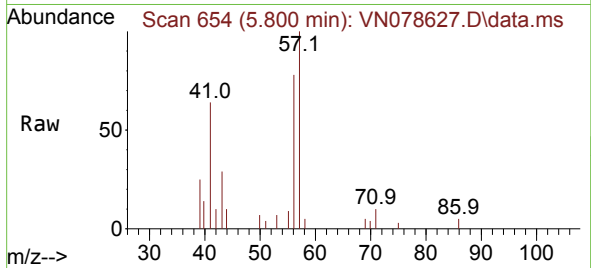




#15
Acrylonitrile
Concen: 0.291 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.070 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

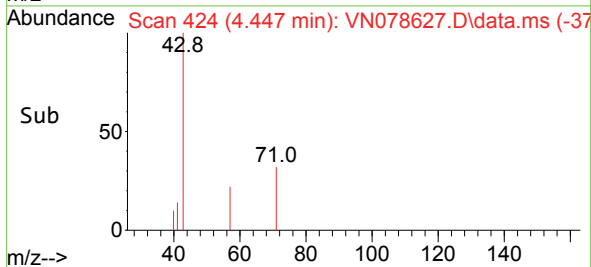
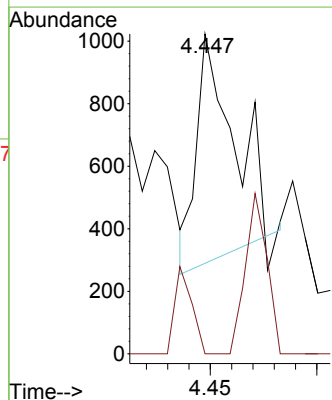
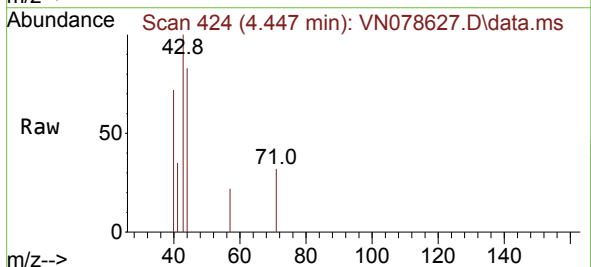
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

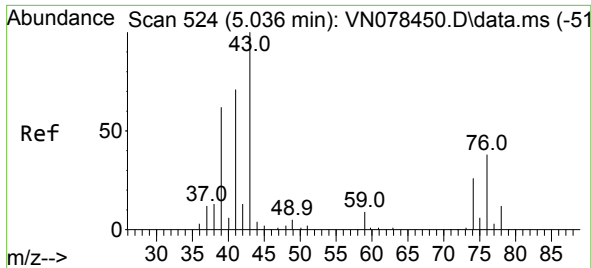
Tgt Ion: 53 Resp: 705
Ion Ratio Lower Upper
53 100
52 14.2 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 0.453 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

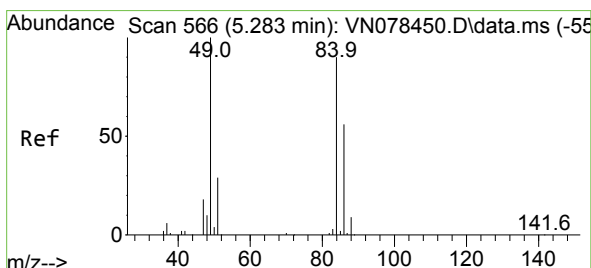
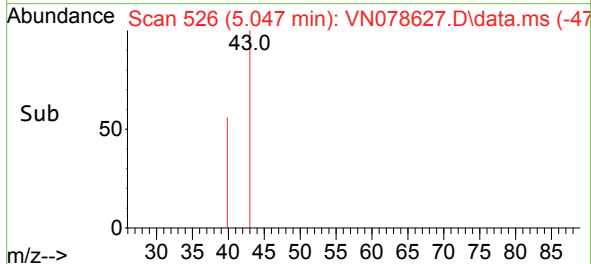
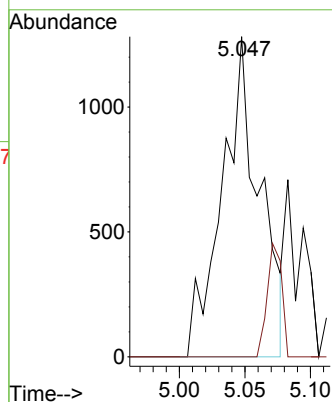
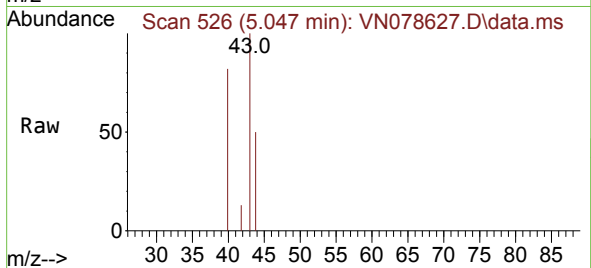




#18
Methyl Acetate
Concen: 0.310 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

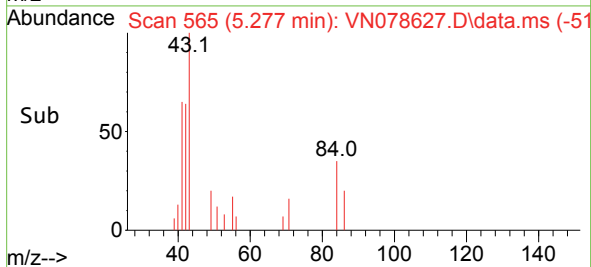
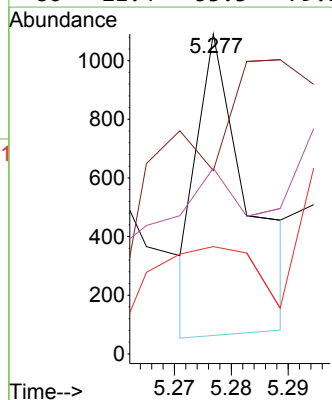
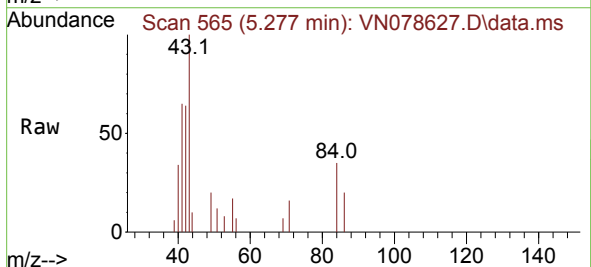
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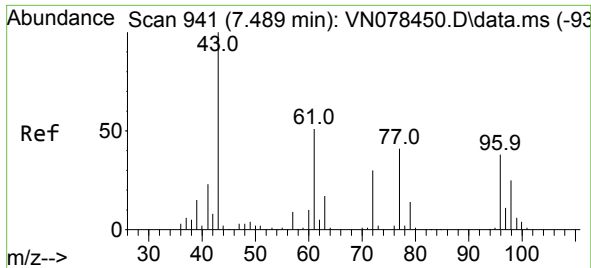
Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 84 Resp: 641
Ion Ratio Lower Upper
84 100
49 0.0 79.7 119.5#
51 27.8 25.2 37.8
86 21.4 53.3 79.9#

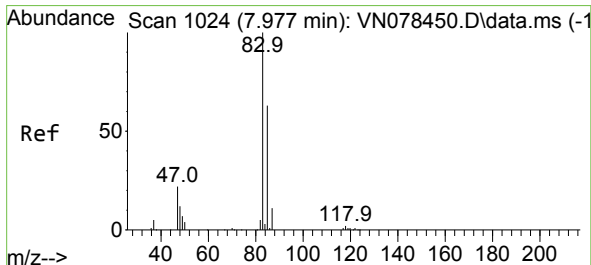
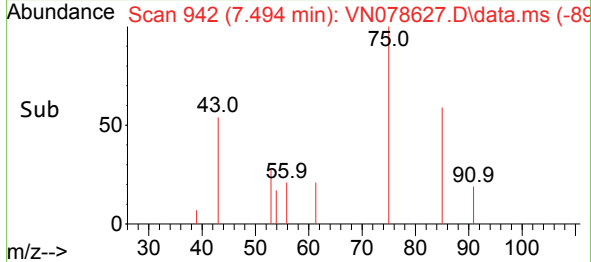
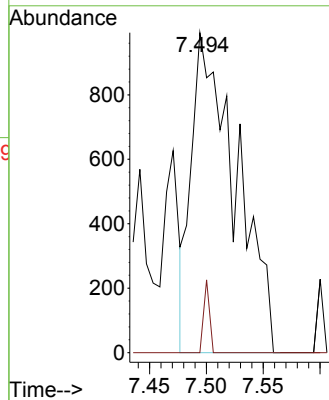
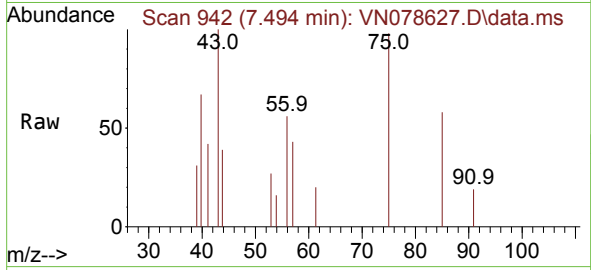




#25
2-Butanone
Concen: 0.886 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078627.D
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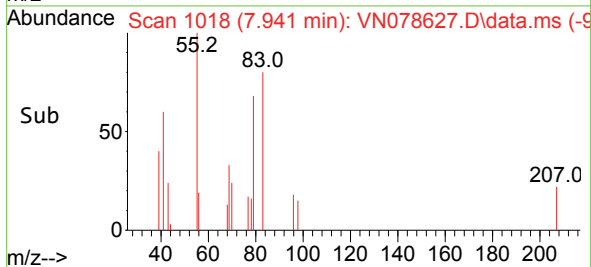
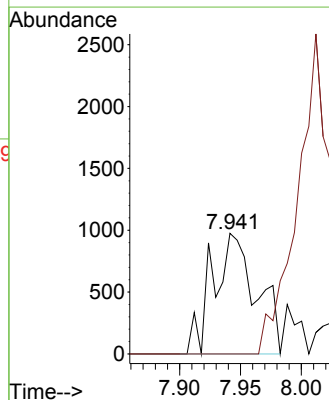
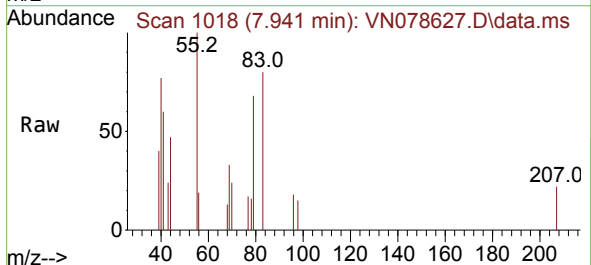
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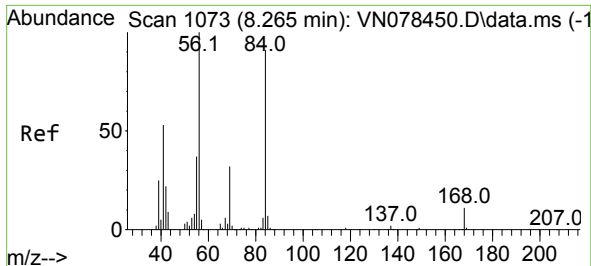
Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#30
Chloroform
Concen: 0.231 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.036 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 83 Resp: 2422
Ion Ratio Lower Upper
83 100
85 0.0 55.4 83.0#

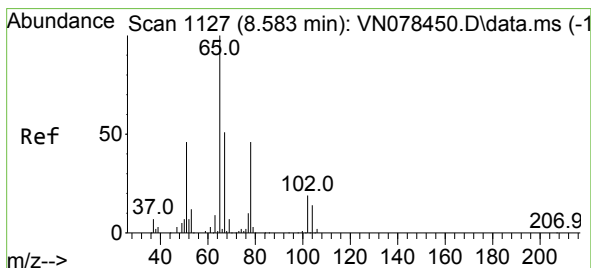
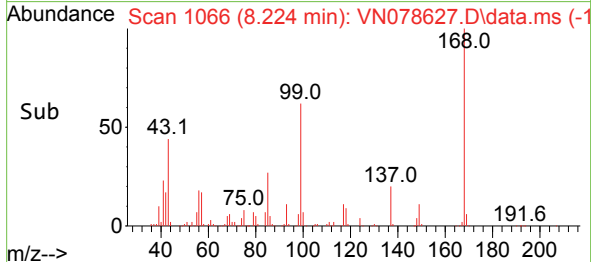
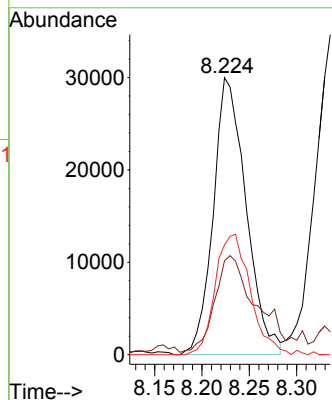
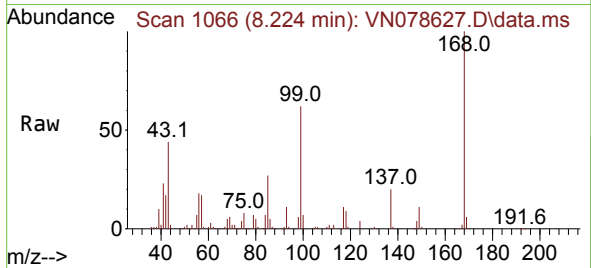




#31
Cyclohexane
Concen: 8.612 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

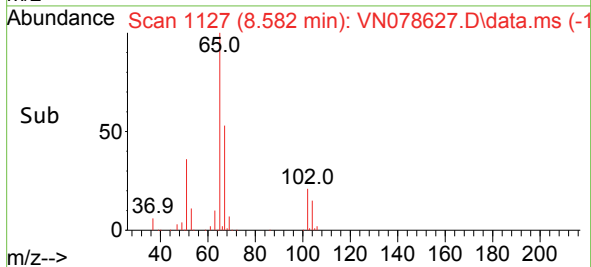
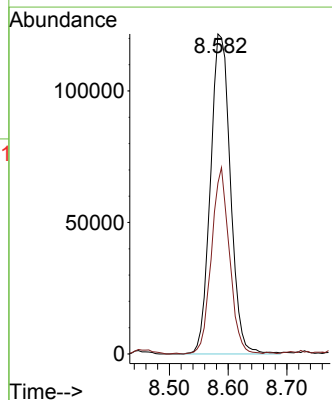
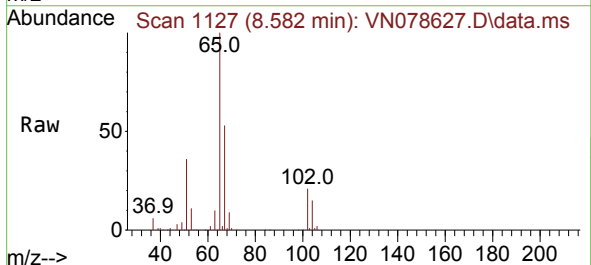
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

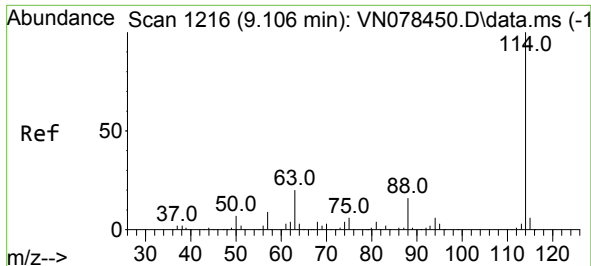
Tgt Ion: 56 Resp: 72256
Ion Ratio Lower Upper
56 100
69 33.0 26.8 40.2
84 39.6 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.242 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 65 Resp: 287093
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

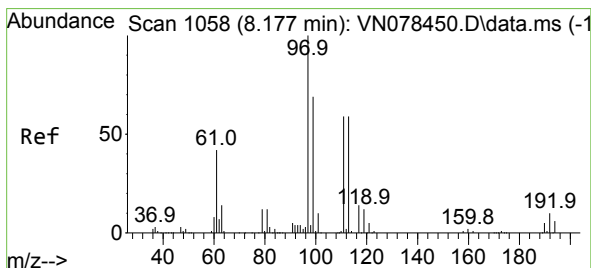
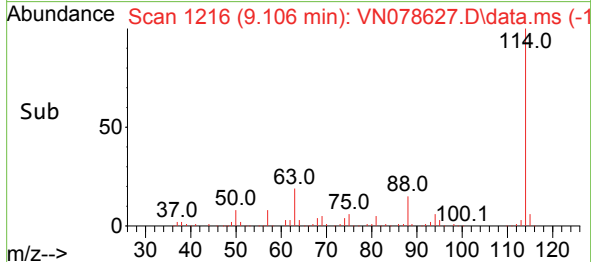
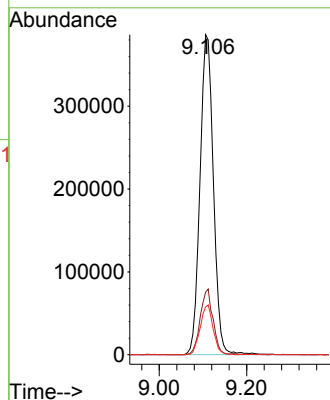
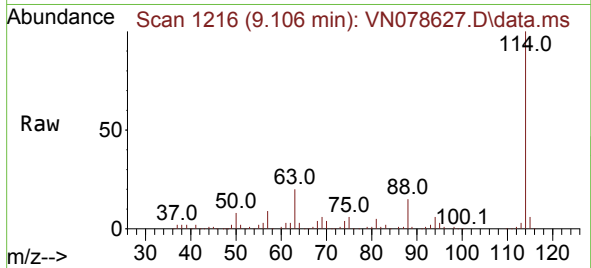




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

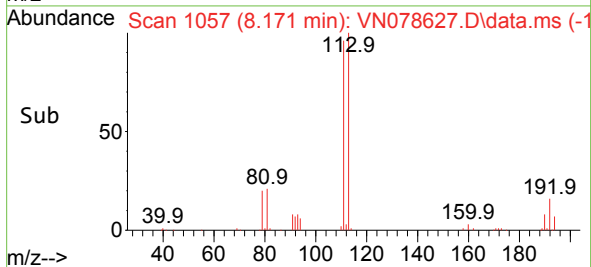
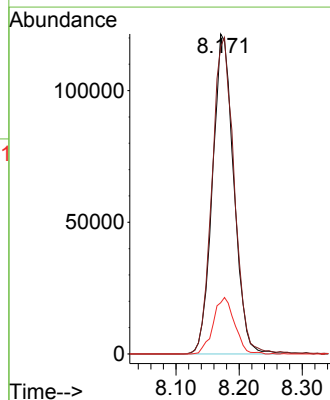
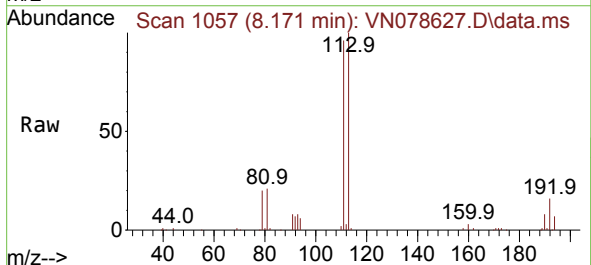
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

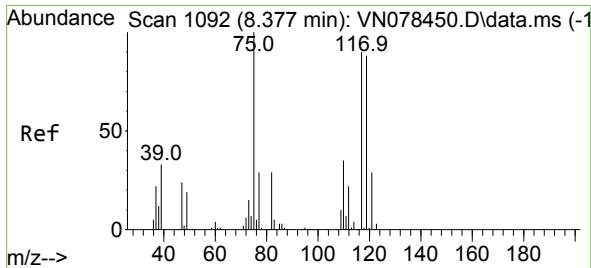
Tgt Ion:114 Resp: 826648
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.587 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion:113 Resp: 283873
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.7 12.7 19.1

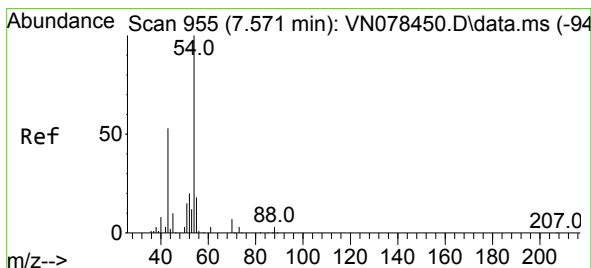
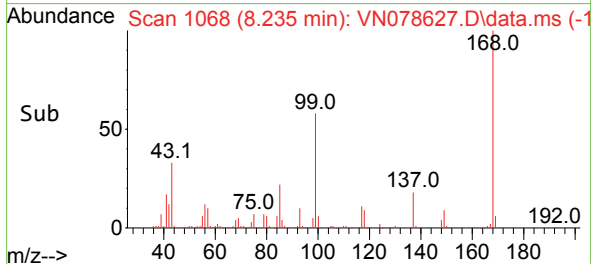
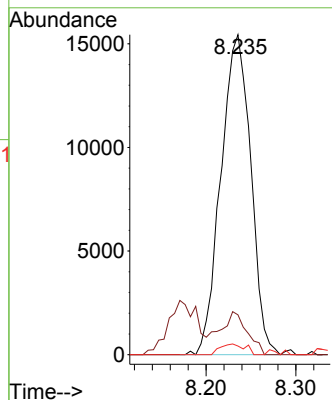
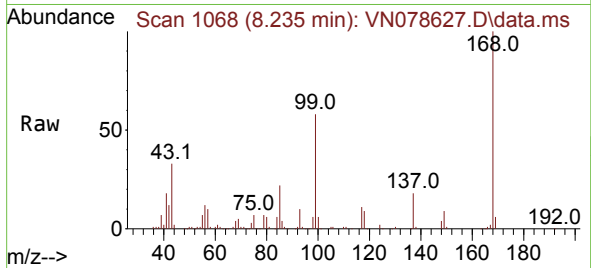




#36
1,1-Dichloropropene
Concen: 4.404 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

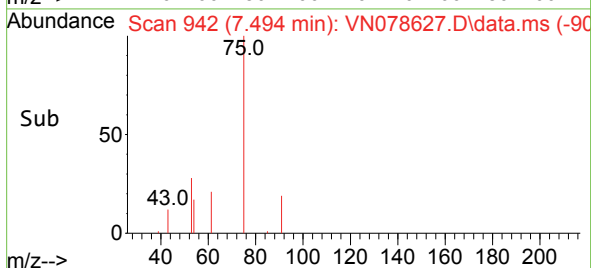
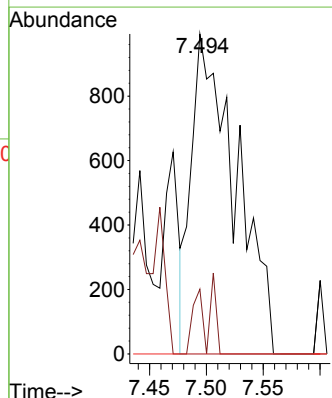
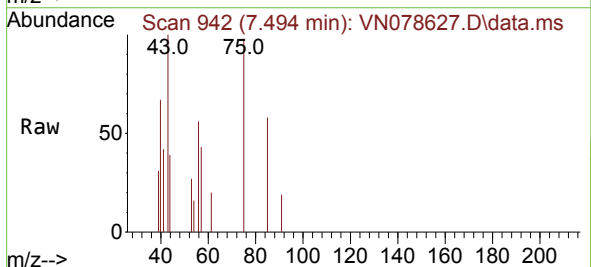
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

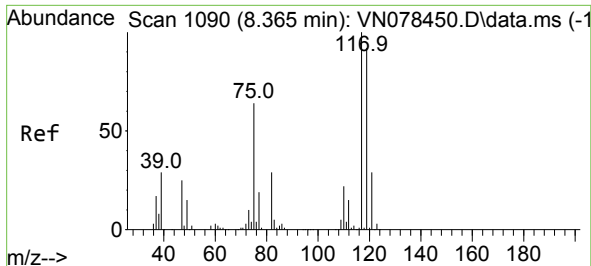
Tgt Ion: 75 Resp: 35684
Ion Ratio Lower Upper
75 100
110 12.3 19.1 57.3#
77 2.8 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.399 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.077 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
61 4.6 13.2 19.8#
70 0.0 11.3 16.9#

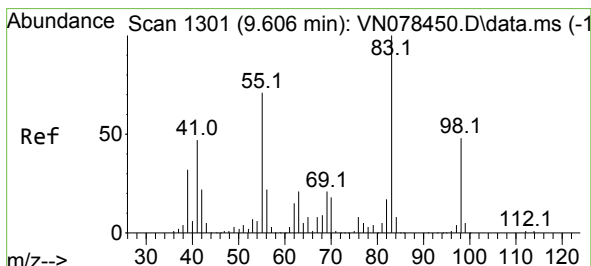
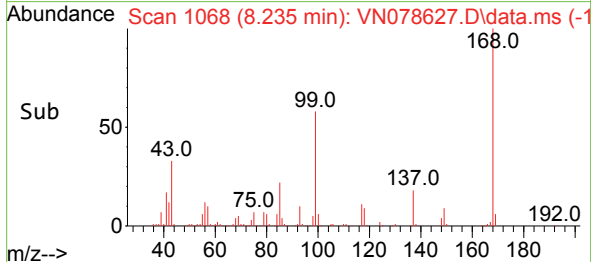
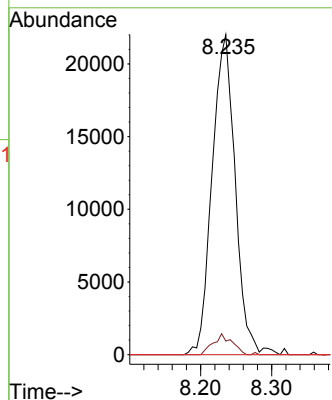
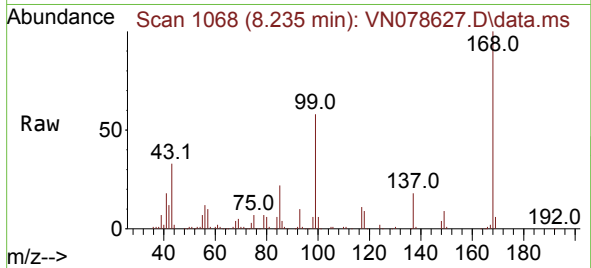




#38
Carbon Tetrachloride
Concen: 5.636 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.130 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

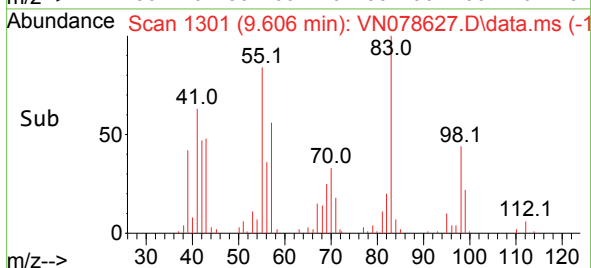
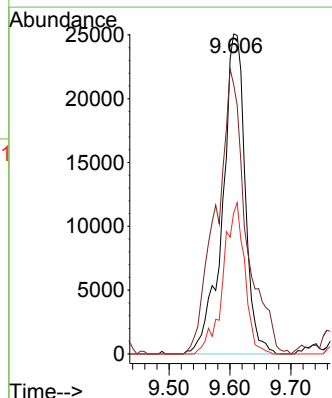
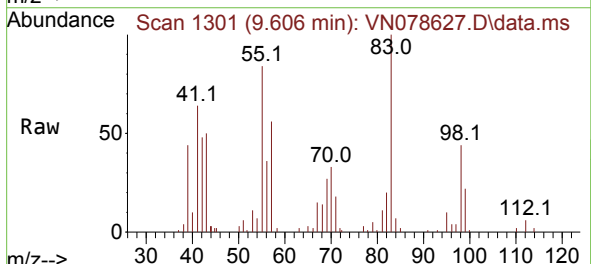
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

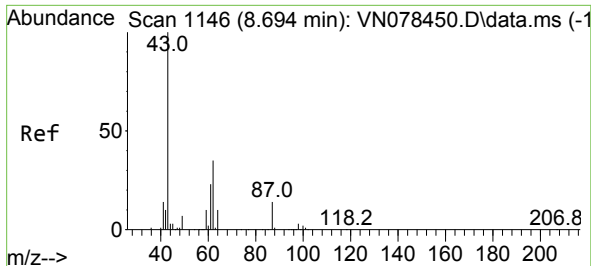
Tgt Ion:117 Resp: 49632
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 8.774 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

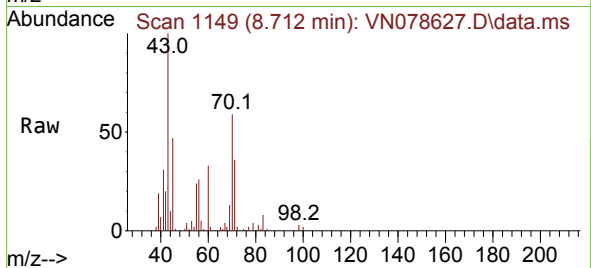
Tgt Ion: 83 Resp: 64892
Ion Ratio Lower Upper
83 100
55 84.2 49.1 73.7#
98 44.0 40.6 61.0



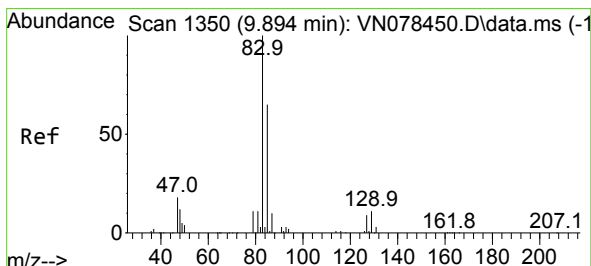
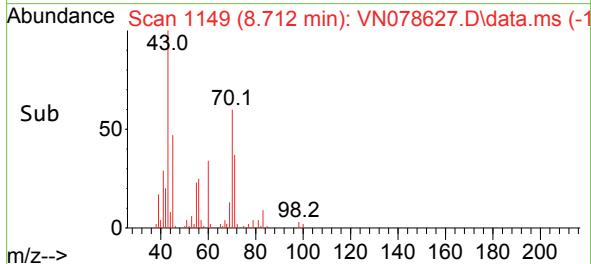
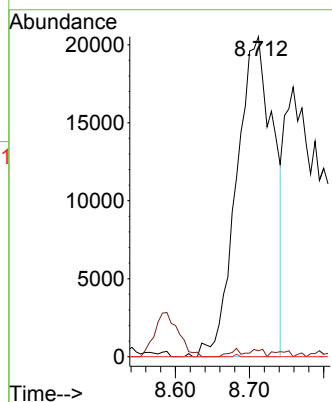


#43
Isopropyl Acetate
Concen: 6.354 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

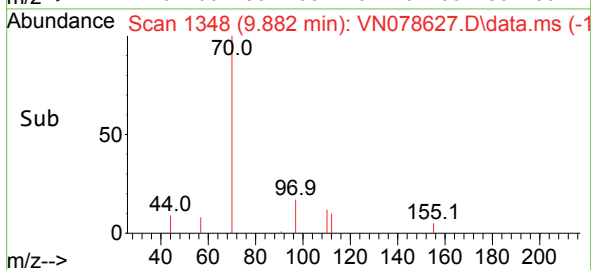
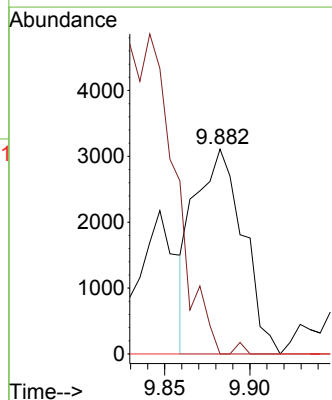
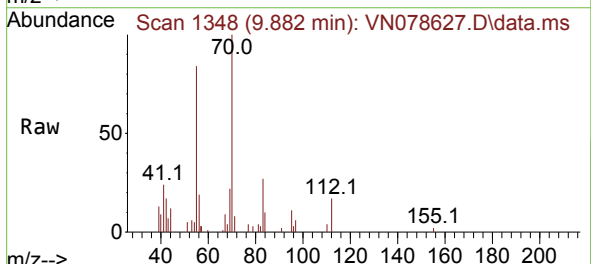


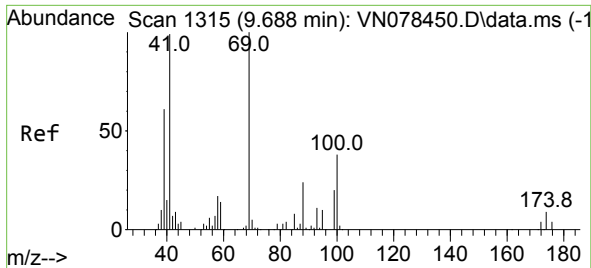
Tgt Ion: 43 Resp: 70659
Ion Ratio Lower Upper
43 100
61 0.8 24.7 37.1#
87 0.0 14.6 21.8#



#47
Bromodichloromethane
Concen: 0.721 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.012 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 83 Resp: 6183
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 4.640 ug/l

RT: 9.647 min Scan# 11

Delta R.T. -0.041 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-DRUM

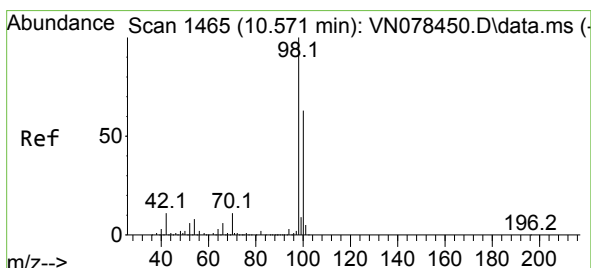
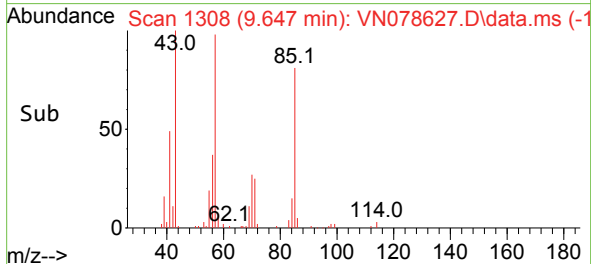
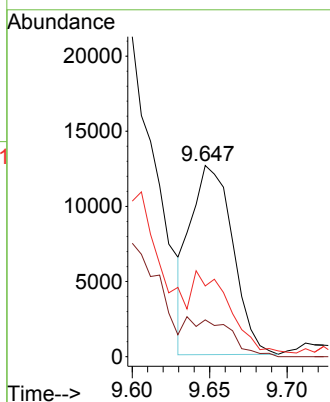
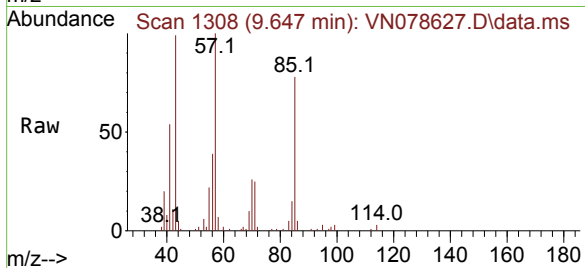
Tgt Ion: 41 Resp: 23904

Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 36.7 54.6 81.8#



#50

Toluene-d8

Concen: 46.441 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078627.D

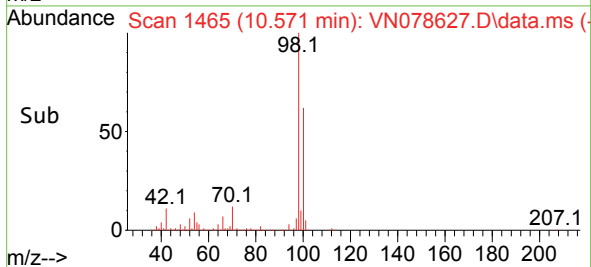
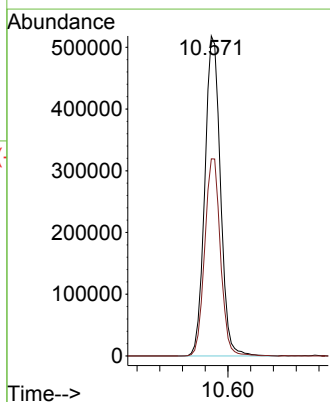
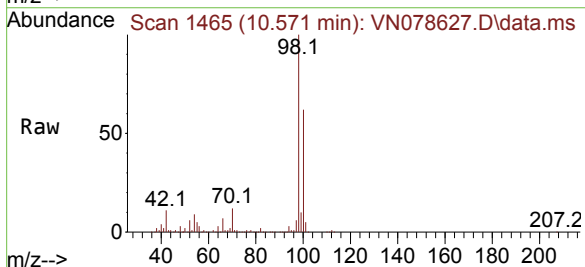
Acq: 21 Jul 2023 20:39

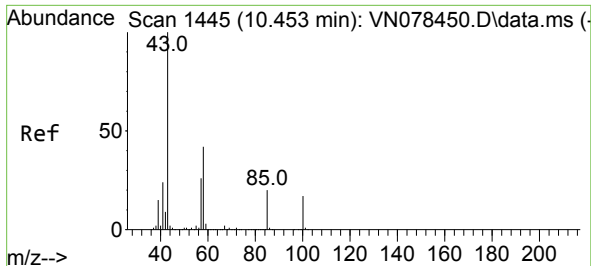
Tgt Ion: 98 Resp: 984491

Ion Ratio Lower Upper

98 100

100 62.1 52.0 78.0

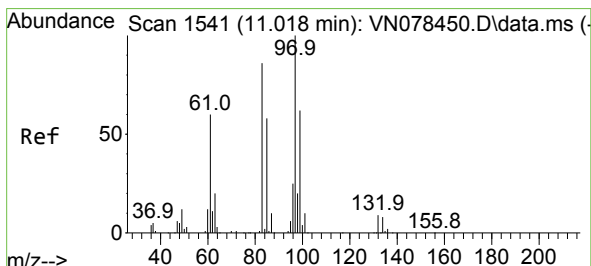
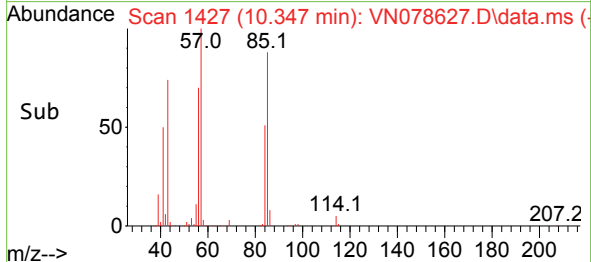
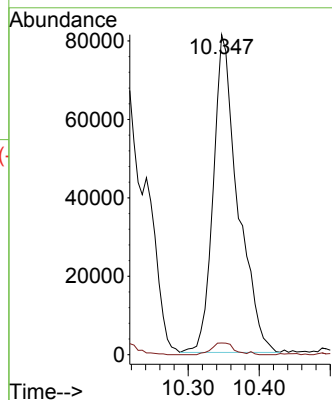
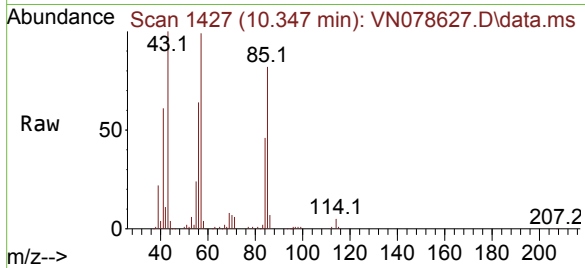




#51
4-Methyl-2-Pentanone
Concen: 29.548 ug/l
RT: 10.347 min Scan# 1445
Delta R.T. -0.106 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

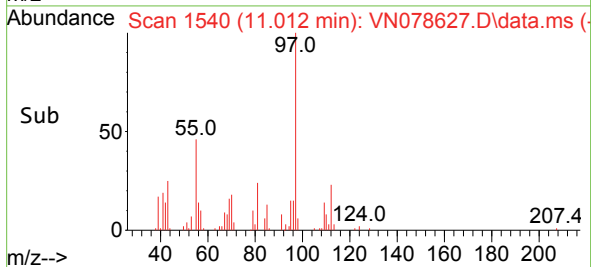
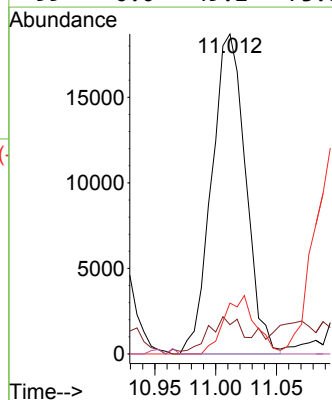
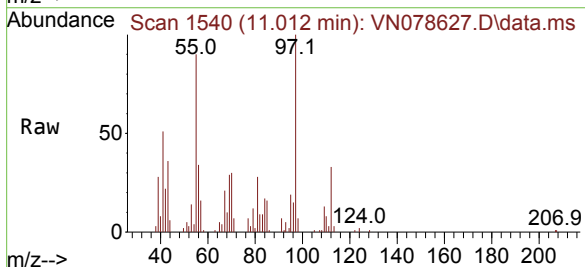
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

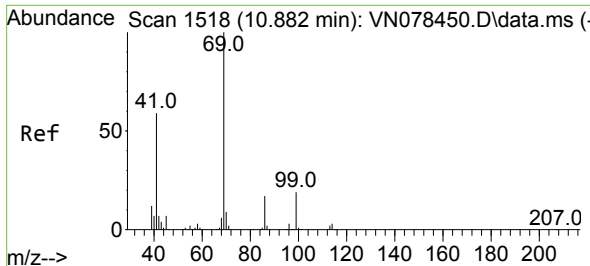
Tgt Ion: 43 Resp: 195447
Ion Ratio Lower Upper
43 100
58 3.5 36.6 54.8#



#55
1,1,2-Trichloroethane
Concen: 6.201 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 97 Resp: 36347
Ion Ratio Lower Upper
97 100
83 8.3 65.1 97.7#
85 15.9 43.4 65.2#
99 0.0 49.2 73.8#

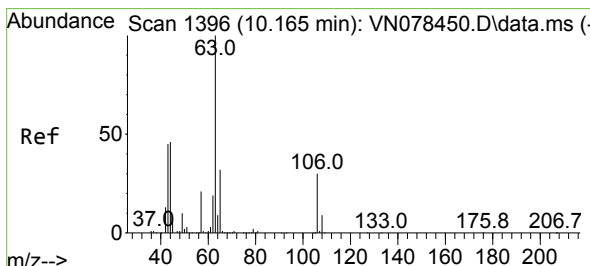
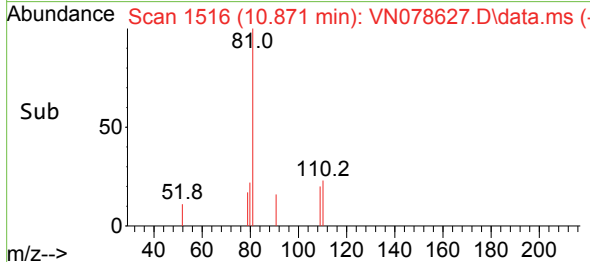
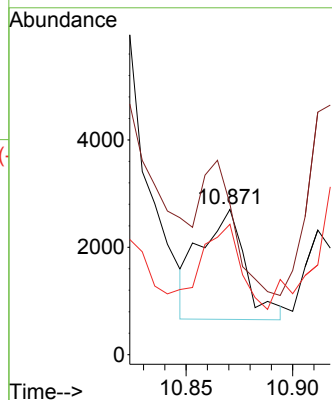
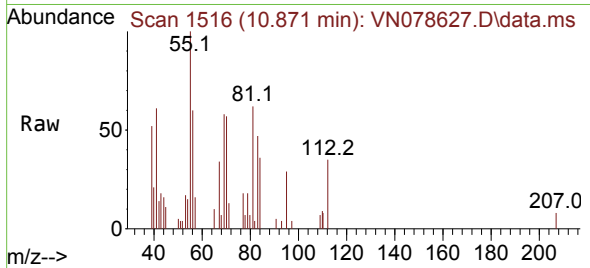




#56
Ethyl methacrylate
Concen: 0.367 ug/l
RT: 10.871 min Scan# 111
Delta R.T. -0.011 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

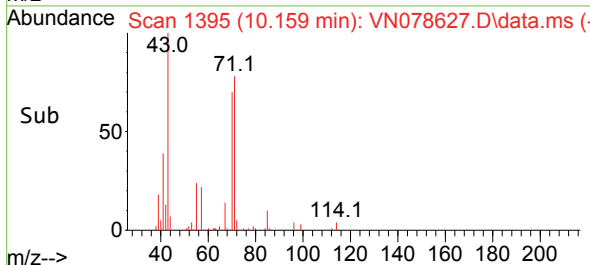
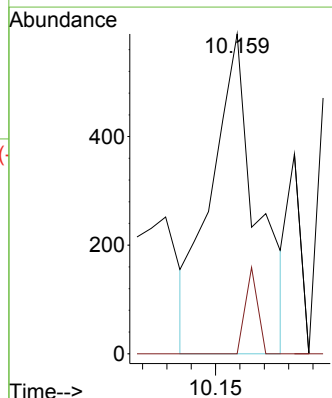
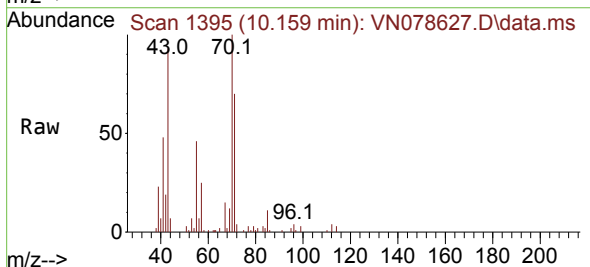
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MSVOA_N
ClientSampleId :
SLUDGE-DRUM

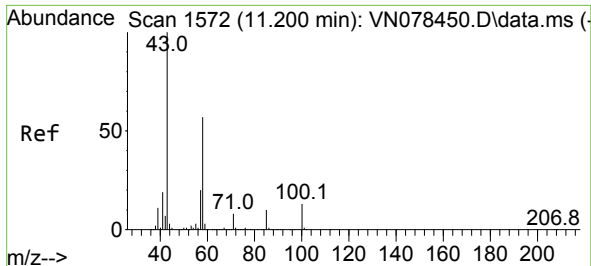
Tgt Ion: 69 Resp: 3006
Ion Ratio Lower Upper
69 100
41 0.0 39.6 59.4#
39 71.3 28.6 43.0#



#58
2-Chloroethyl Vinyl ether
Concen: 0.262 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 63 Resp: 766
Ion Ratio Lower Upper
63 100
106 7.3 26.2 39.4#

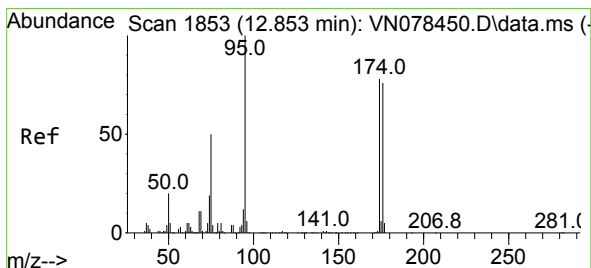
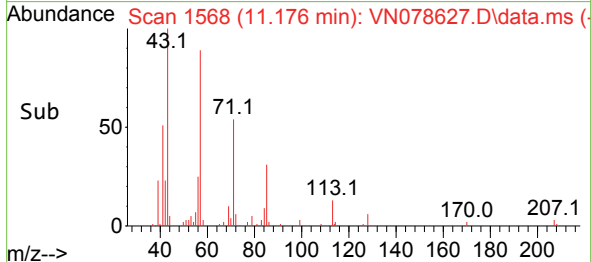
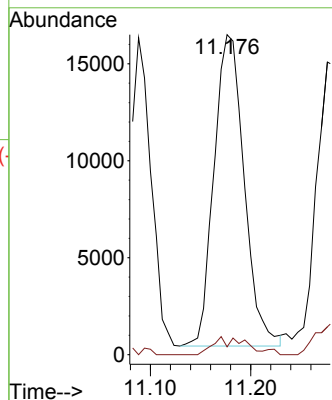
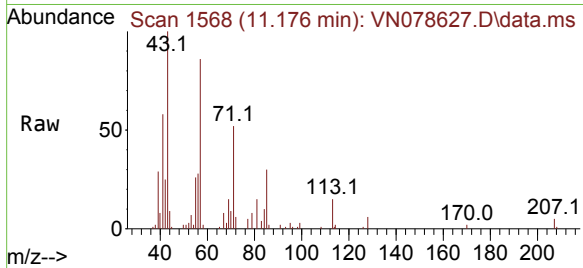




#59
2-Hexanone
Concen: 7.134 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

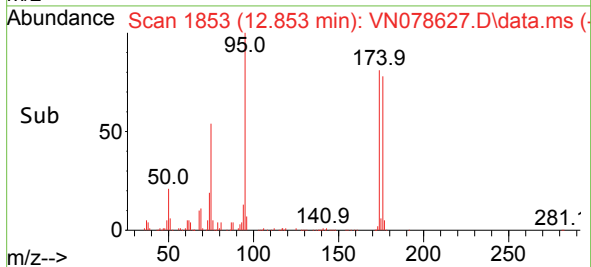
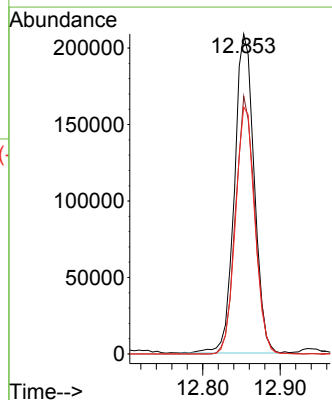
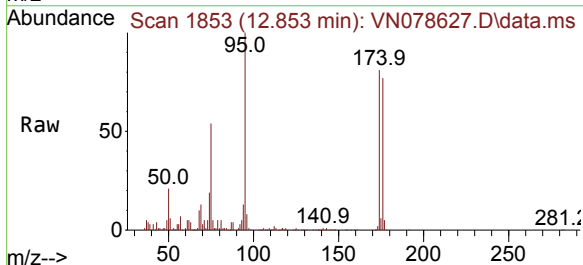
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

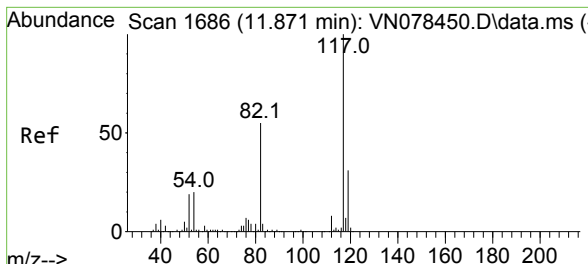
Tgt Ion: 43 Resp: 33535
Ion Ratio Lower Upper
43 100
58 2.7 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 56.765 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 95 Resp: 370658
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 76.0 0.0 135.8

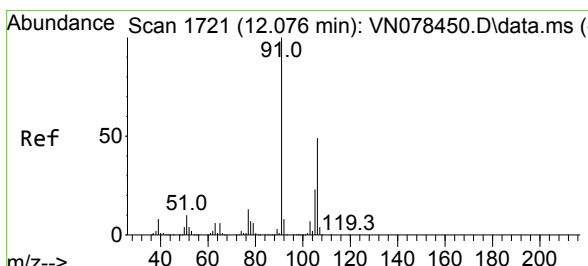
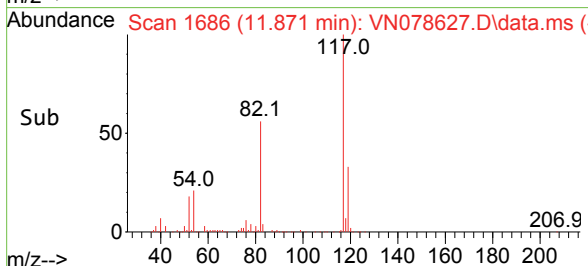
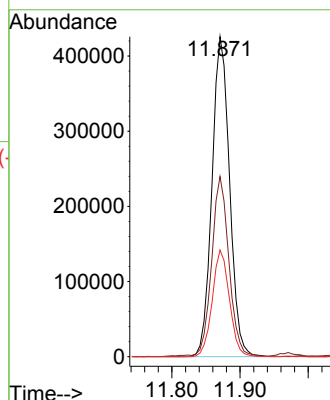
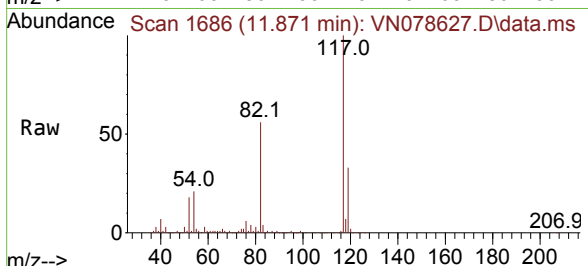




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

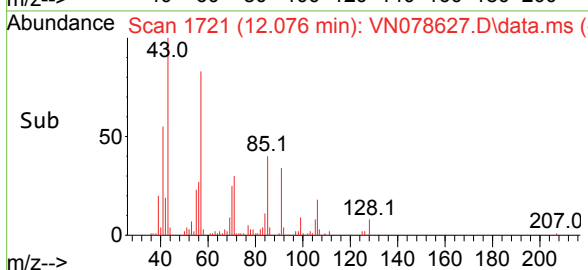
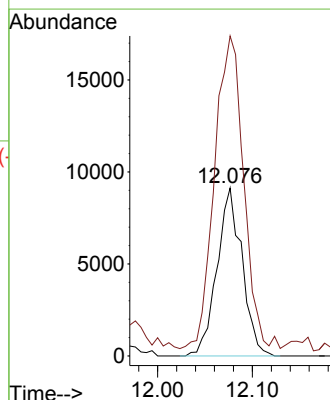
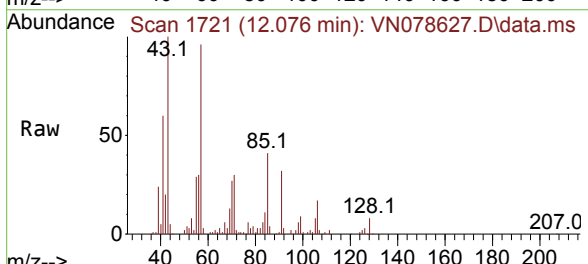
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

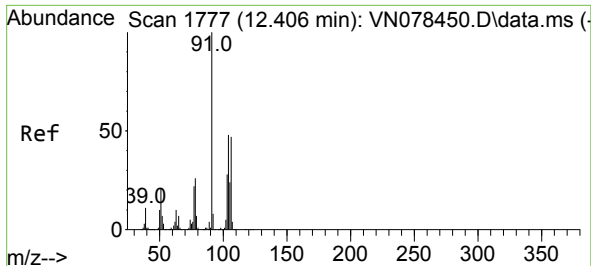
Tgt Ion:	117	Resp:	766623
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.0	66.0
119	33.3	25.6	38.4



#68
m/p-Xylenes
Concen: 1.566 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion:	106	Resp:	16772
Ion	Ratio	Lower	Upper
106	100		
91	216.6	159.6	239.4

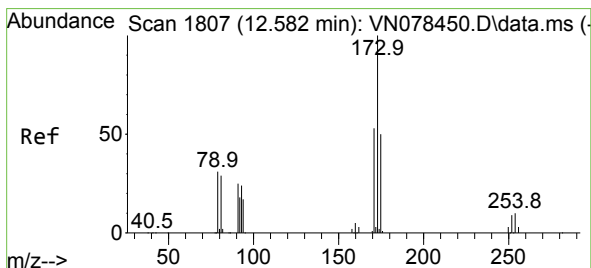
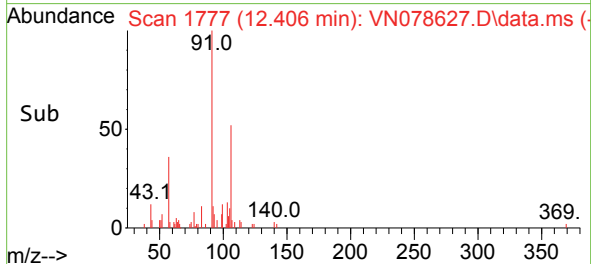
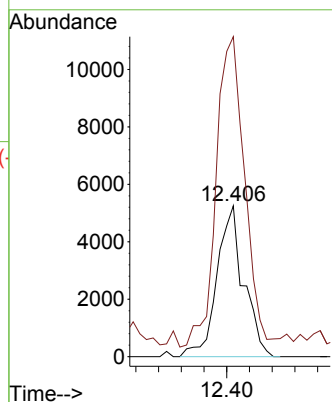
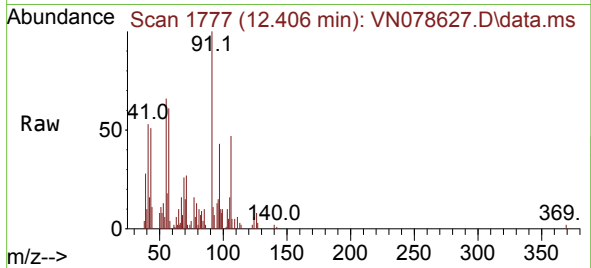




#69
o-Xylene
Concen: 0.792 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

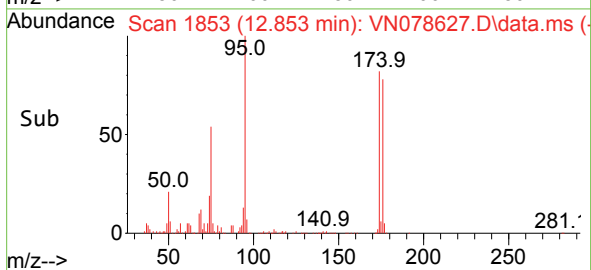
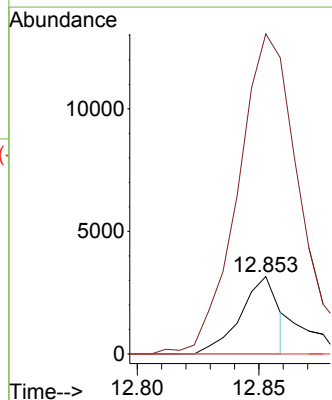
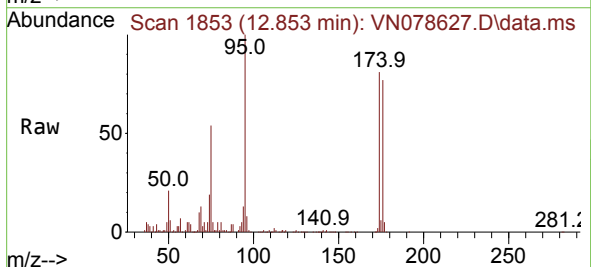
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

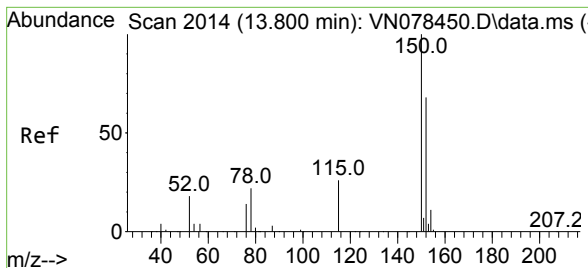
Tgt Ion:106 Resp: 8569
Ion Ratio Lower Upper
106 100
91 219.6 105.2 315.5



#71
Bromoform
Concen: 0.760 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion:173 Resp: 3393
Ion Ratio Lower Upper
173 100
175 501.7 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2014

Delta R.T. -0.006 min

Lab File: VN078627.D

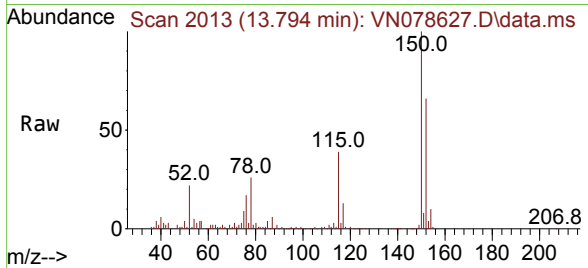
Acq: 21 Jul 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-DRUM



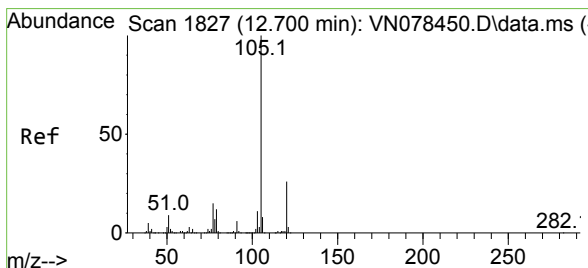
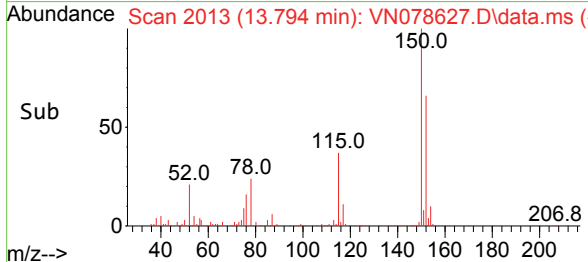
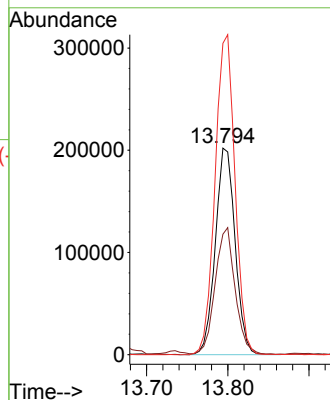
Tgt Ion:152 Resp: 343288

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 155.4 0.0 355.8



#73

Isopropylbenzene

Concen: 0.292 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078627.D

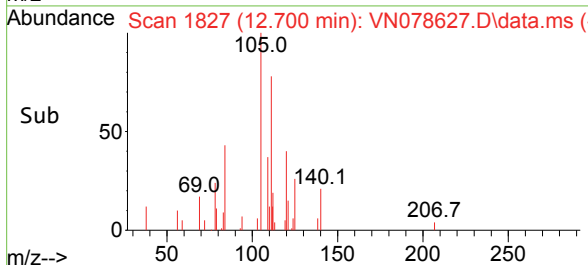
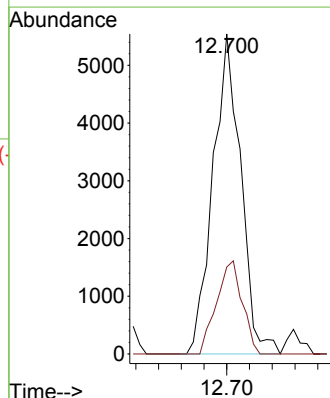
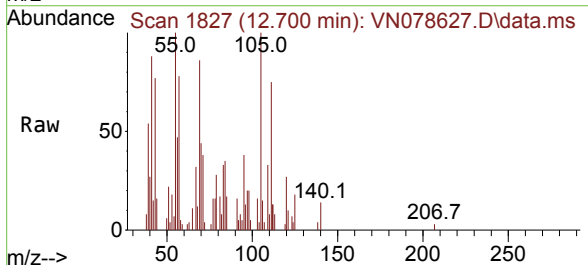
Acq: 21 Jul 2023 20:39

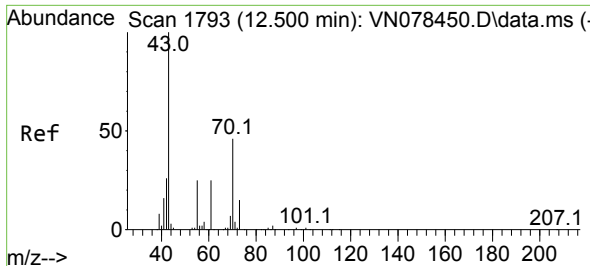
Tgt Ion:105 Resp: 9422

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.1

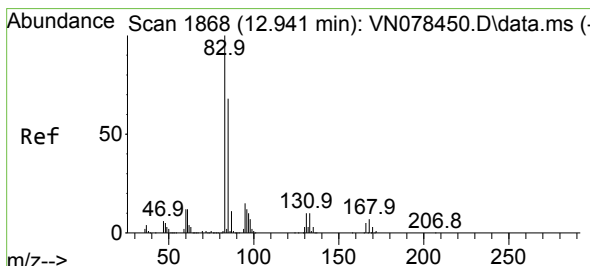
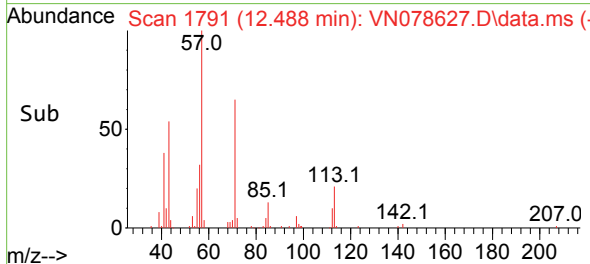
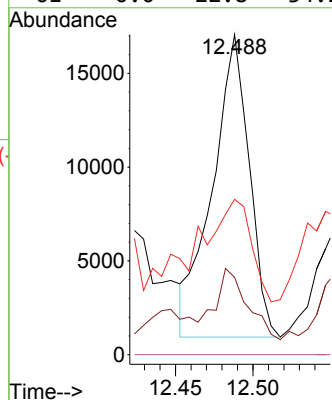
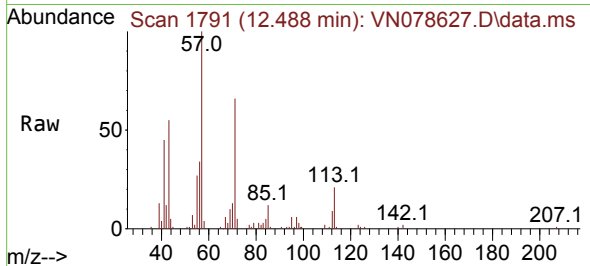




#74
N-amy1 acetate
Concen: 2.391 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

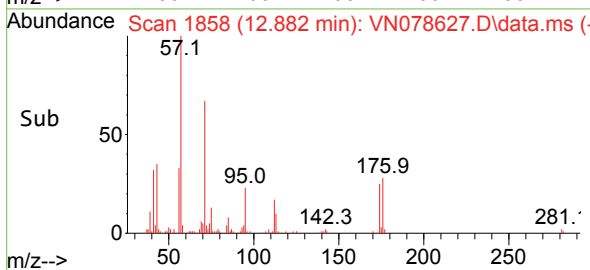
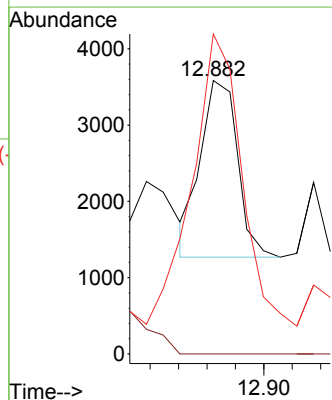
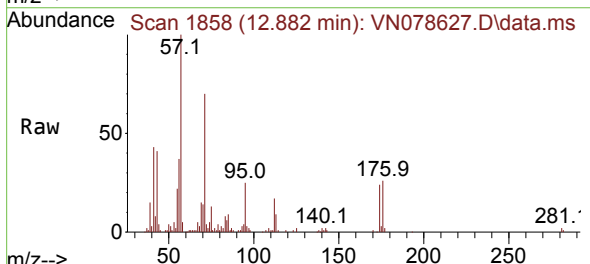
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

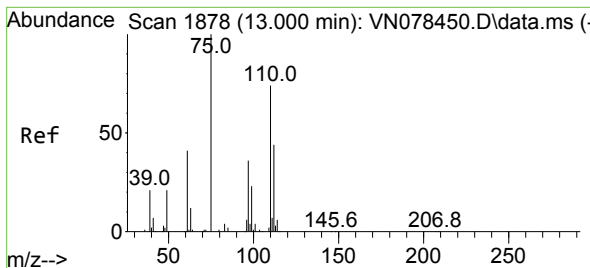
Tgt Ion: 43	Resp: 26583
Ion Ratio	Lower Upper
43 100	
70 20.3	43.4 65.2#
55 48.4	21.4 32.0#
61 0.0	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.882 min Scan# 1858
Delta R.T. -0.059 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

Tgt Ion: 83	Resp: 2101
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 217.9	31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 22.988 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

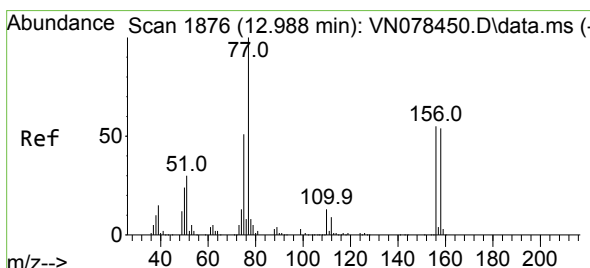
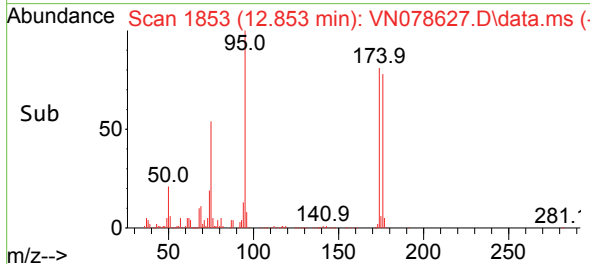
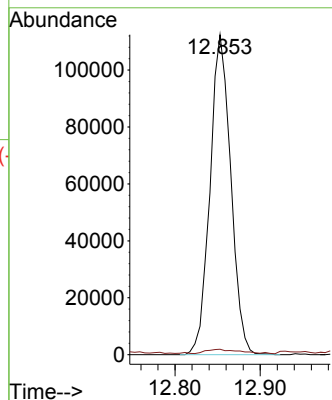
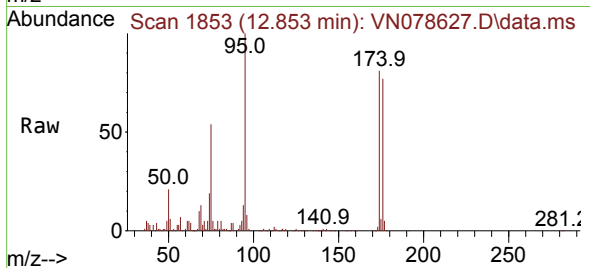
SLUDGE-DRUM

Tgt Ion: 75 Resp: 190746

Ion Ratio Lower Upper

75 100

77 2.3 84.5 253.5#



#77

Bromobenzene

Concen: Below Cal

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

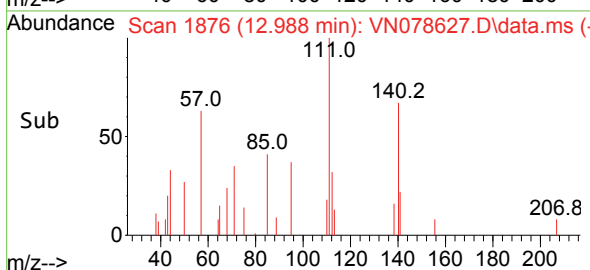
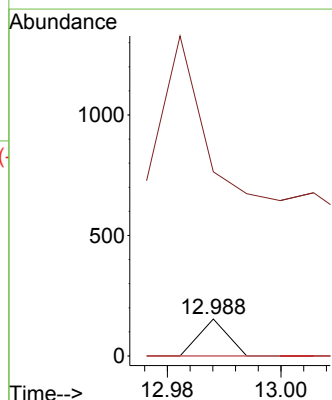
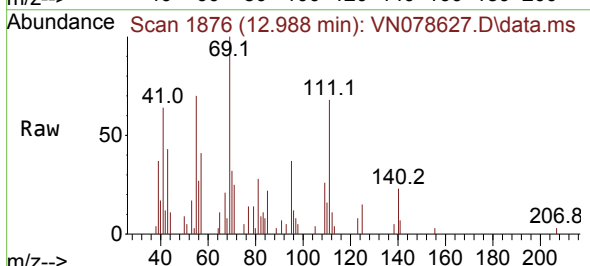
Tgt Ion:156 Resp: 54

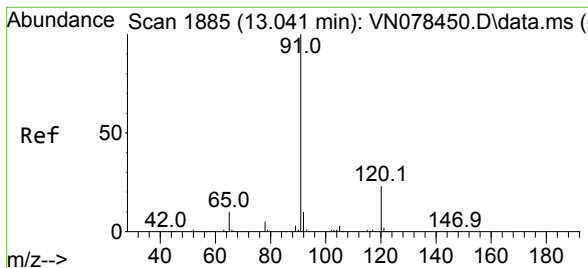
Ion Ratio Lower Upper

156 100

77 0.0 107.7 323.3#

158 0.0 48.4 145.3#





#78

n-propylbenzene

Concen: 0.975 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

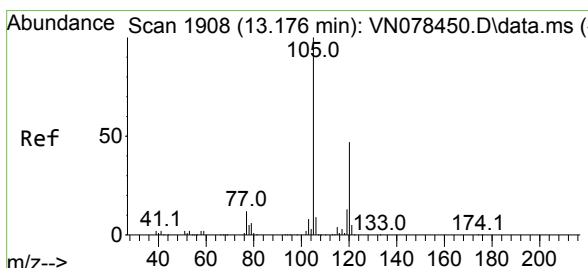
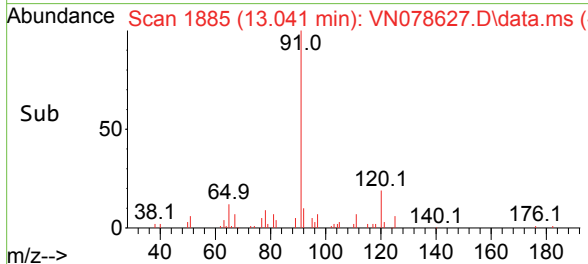
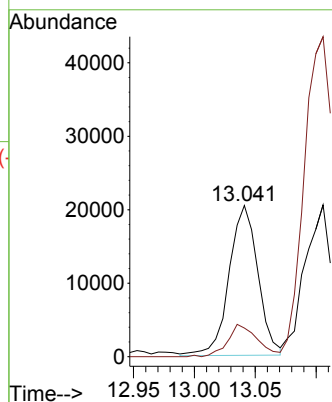
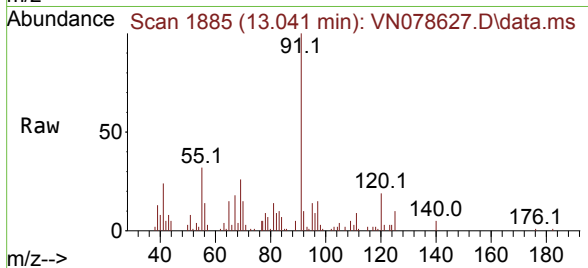
SLUDGE-DRUM

Tgt Ion: 91 Resp: 33648

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 6.024 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078627.D

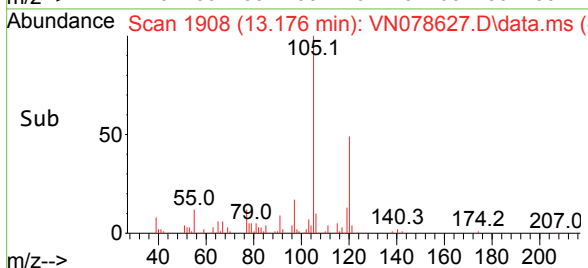
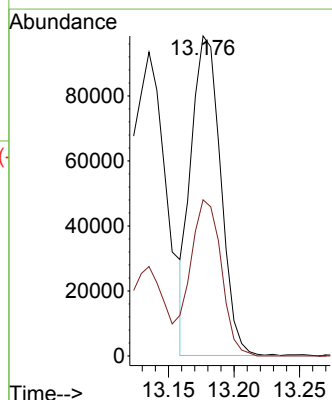
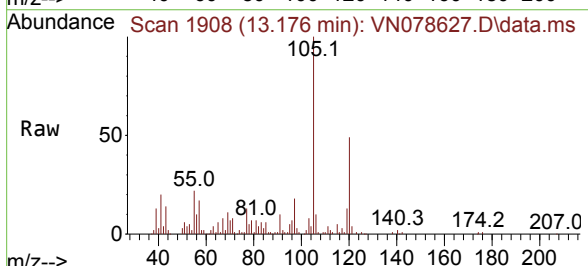
Acq: 21 Jul 2023 20:39

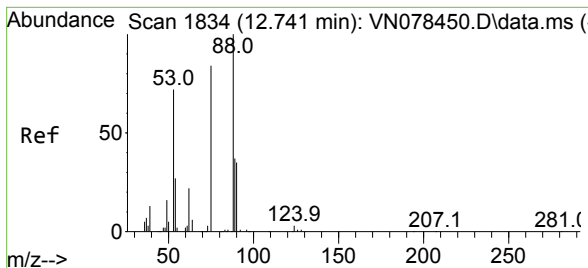
Tgt Ion:105 Resp: 153536

Ion Ratio Lower Upper

105 100

120 52.1 24.1 72.3

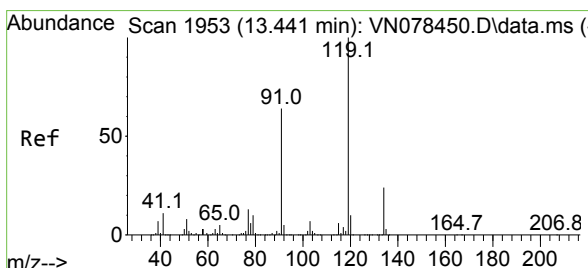
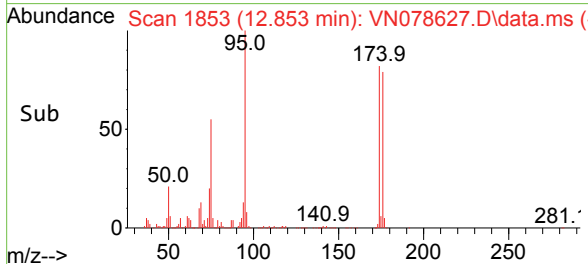
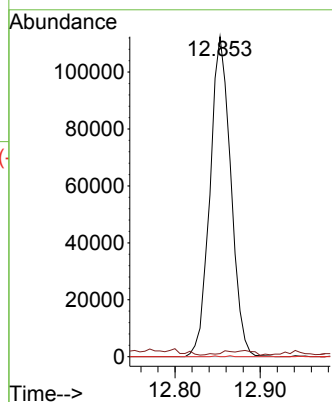
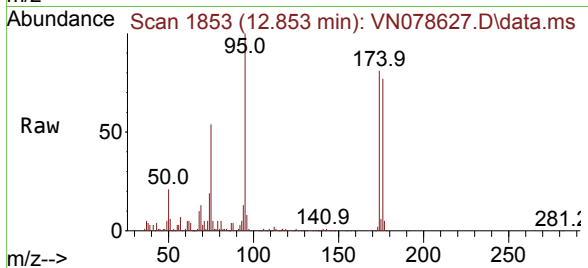




#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.408 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN078627.D
 Acq: 21 Jul 2023 20:39

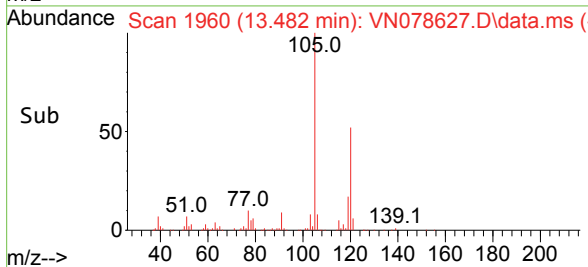
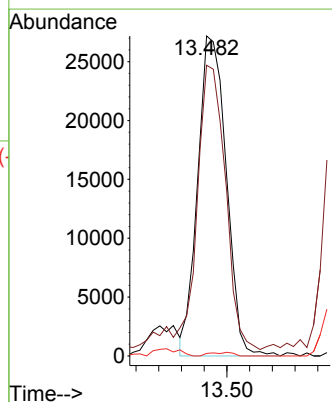
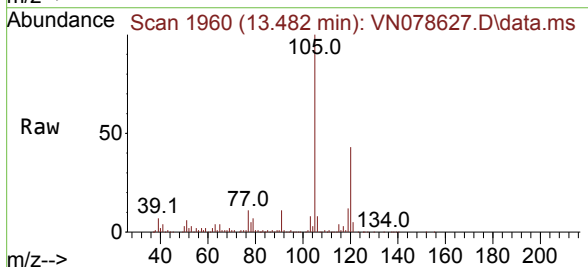
Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-DRUM

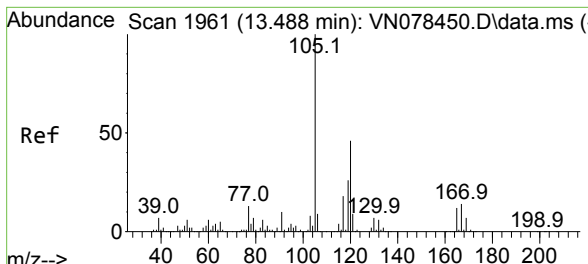
Tgt Ion: 75 Resp: 190746
 Ion Ratio Lower Upper
 75 100
 53 1.0 67.4 101.2#
 89 0.1 38.8 58.2#



#83
 tert-Butylbenzene
 Concen: 2.196 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.041 min
 Lab File: VN078627.D
 Acq: 21 Jul 2023 20:39

Tgt Ion: 119 Resp: 47508
 Ion Ratio Lower Upper
 119 100
 91 91.8 33.9 101.7
 134 0.0 13.2 39.6#

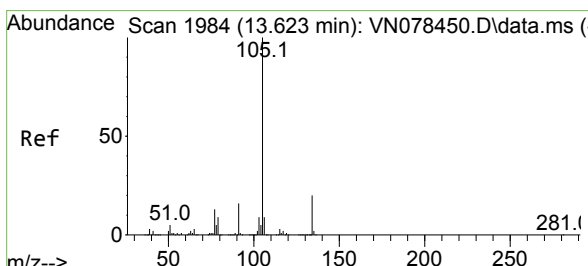
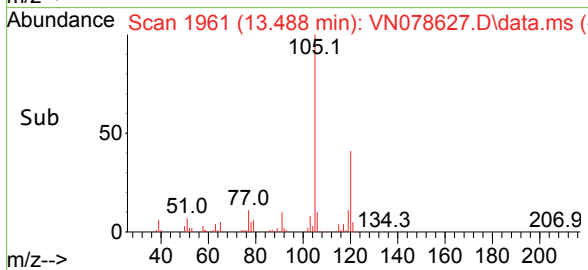
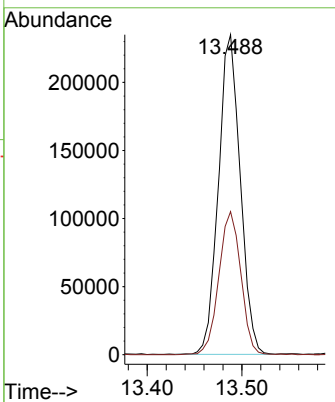
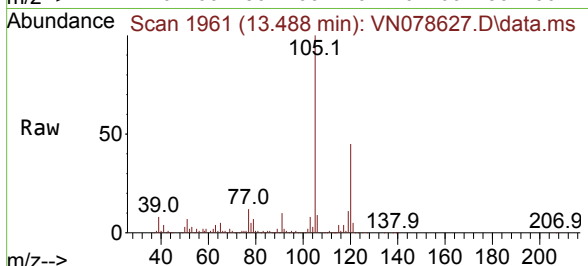




#84
 1,2,4-Trimethylbenzene
 Concen: 15.205 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078627.D
 Acq: 21 Jul 2023 20:39

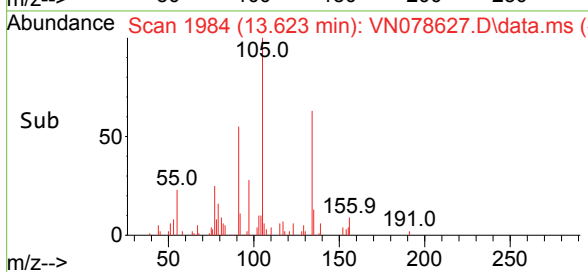
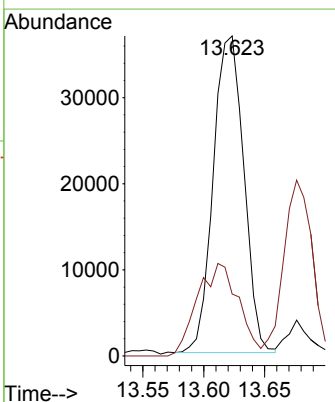
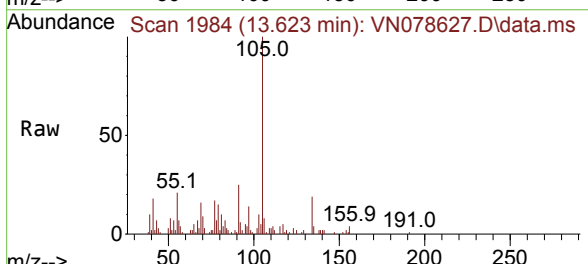
Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-DRUM

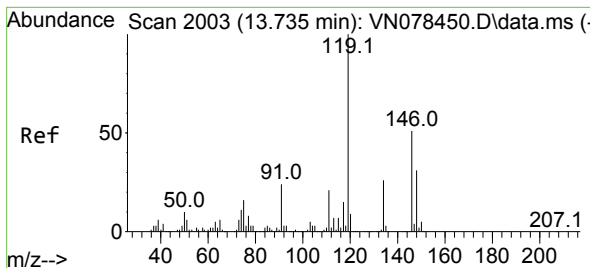
Tgt Ion:105 Resp: 376418
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 2.351 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078627.D
 Acq: 21 Jul 2023 20:39

Tgt Ion:105 Resp: 64311
 Ion Ratio Lower Upper
 105 100
 134 39.3 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 3.028 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-DRUM

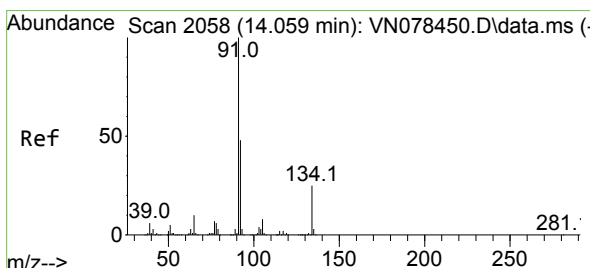
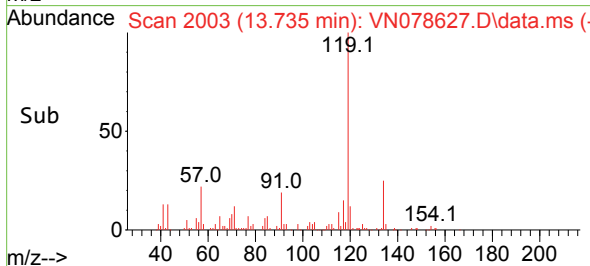
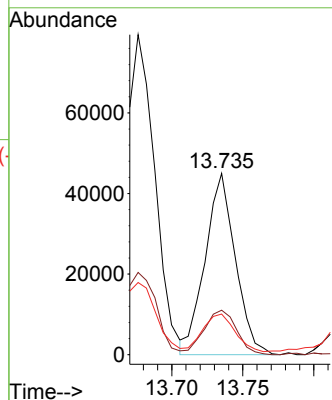
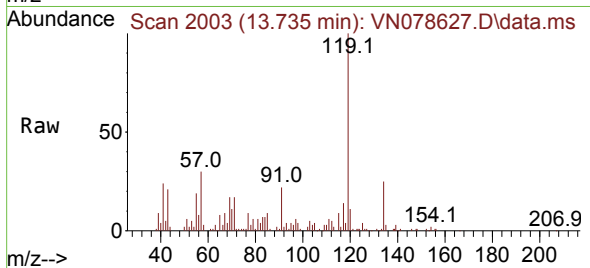
Tgt Ion:119 Resp: 66495

Ion Ratio Lower Upper

119 100

134 26.5 12.6 37.8

91 21.2 12.4 37.2



#89

n-Butylbenzene

Concen: 6.569 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

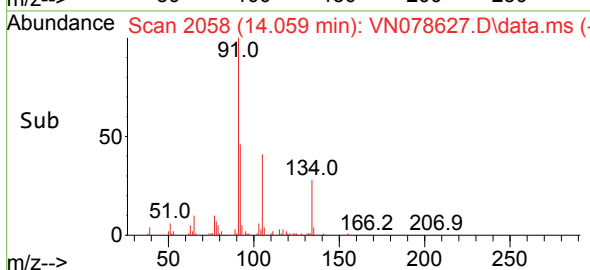
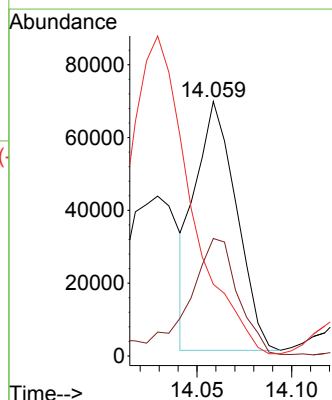
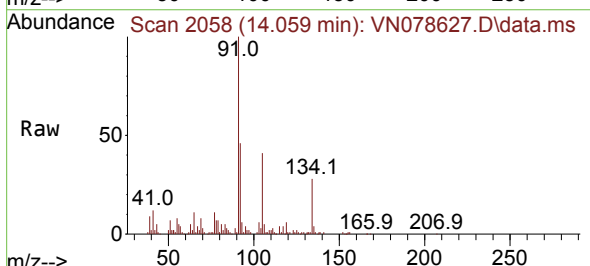
Tgt Ion: 91 Resp: 103227

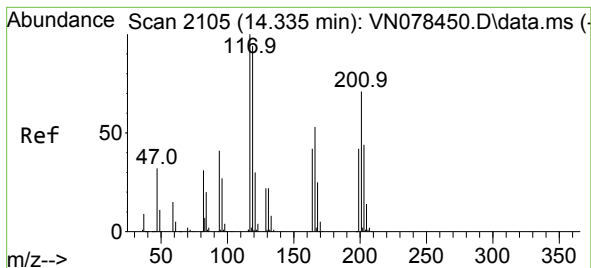
Ion Ratio Lower Upper

91 100

92 54.4 26.4 79.0

134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 10.805 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

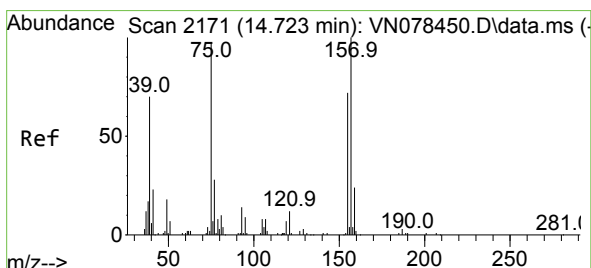
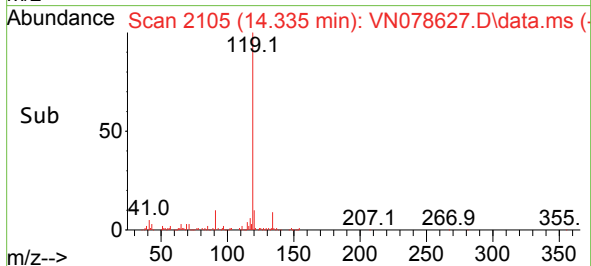
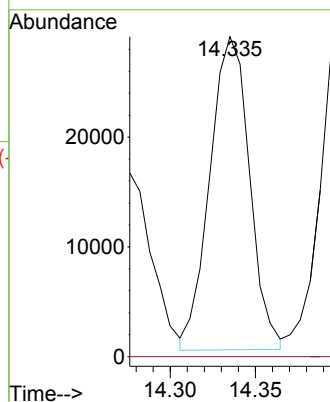
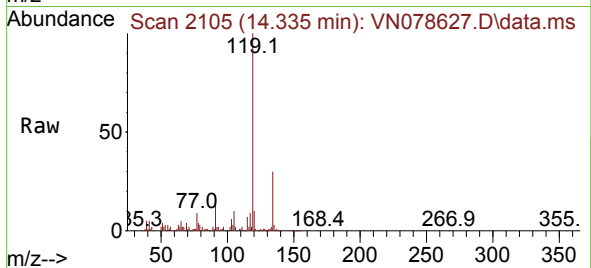
SLUDGE-DRUM

Tgt Ion:117 Resp: 46196

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.735 min Scan# 2173

Delta R.T. 0.012 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

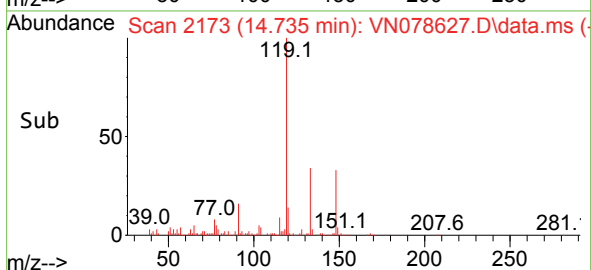
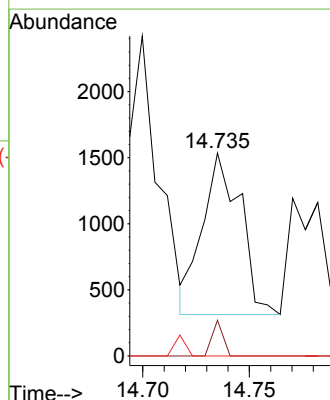
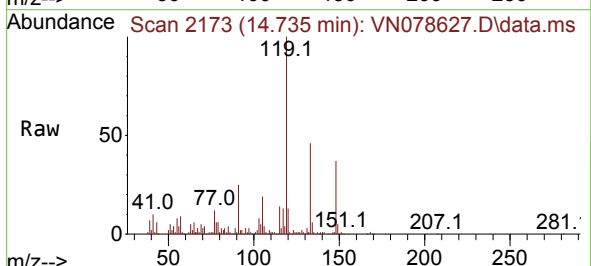
Tgt Ion: 75 Resp: 1512

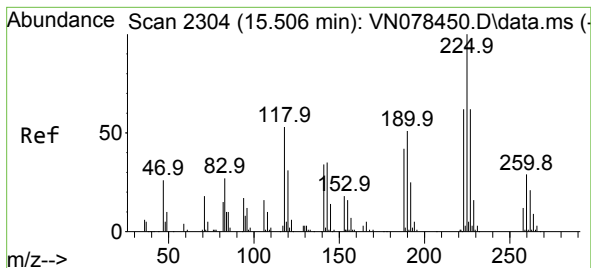
Ion Ratio Lower Upper

75 100

155 6.3 39.1 117.2#

157 3.7 50.3 150.9#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.500 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-DRUM

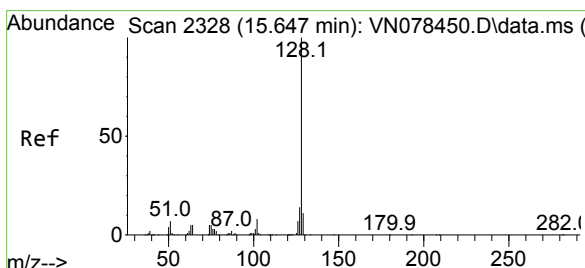
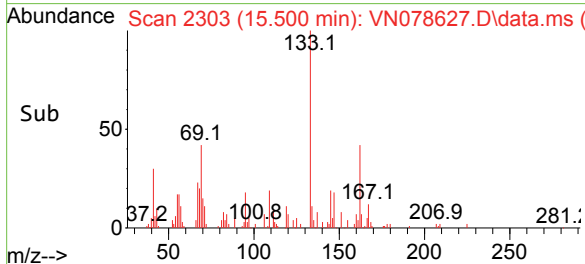
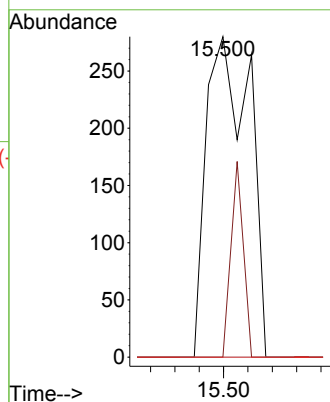
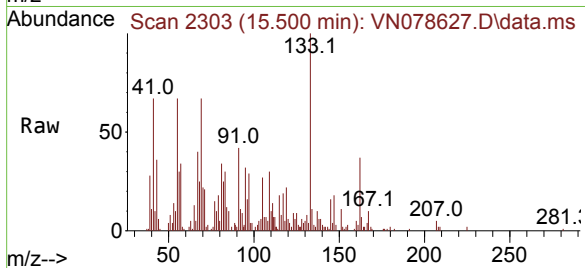
Tgt Ion:225 Resp: 343

Ion Ratio Lower Upper

225 100

223 17.5 31.3 93.8#

227 0.0 31.9 95.9#



#95

Naphthalene

Concen: 1.895 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

Tgt Ion:128 Resp: 25485

Ion Ratio Lower Upper

128 100

127 10.6 10.0 15.0

129 0.0 8.7 13.1#

