

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)

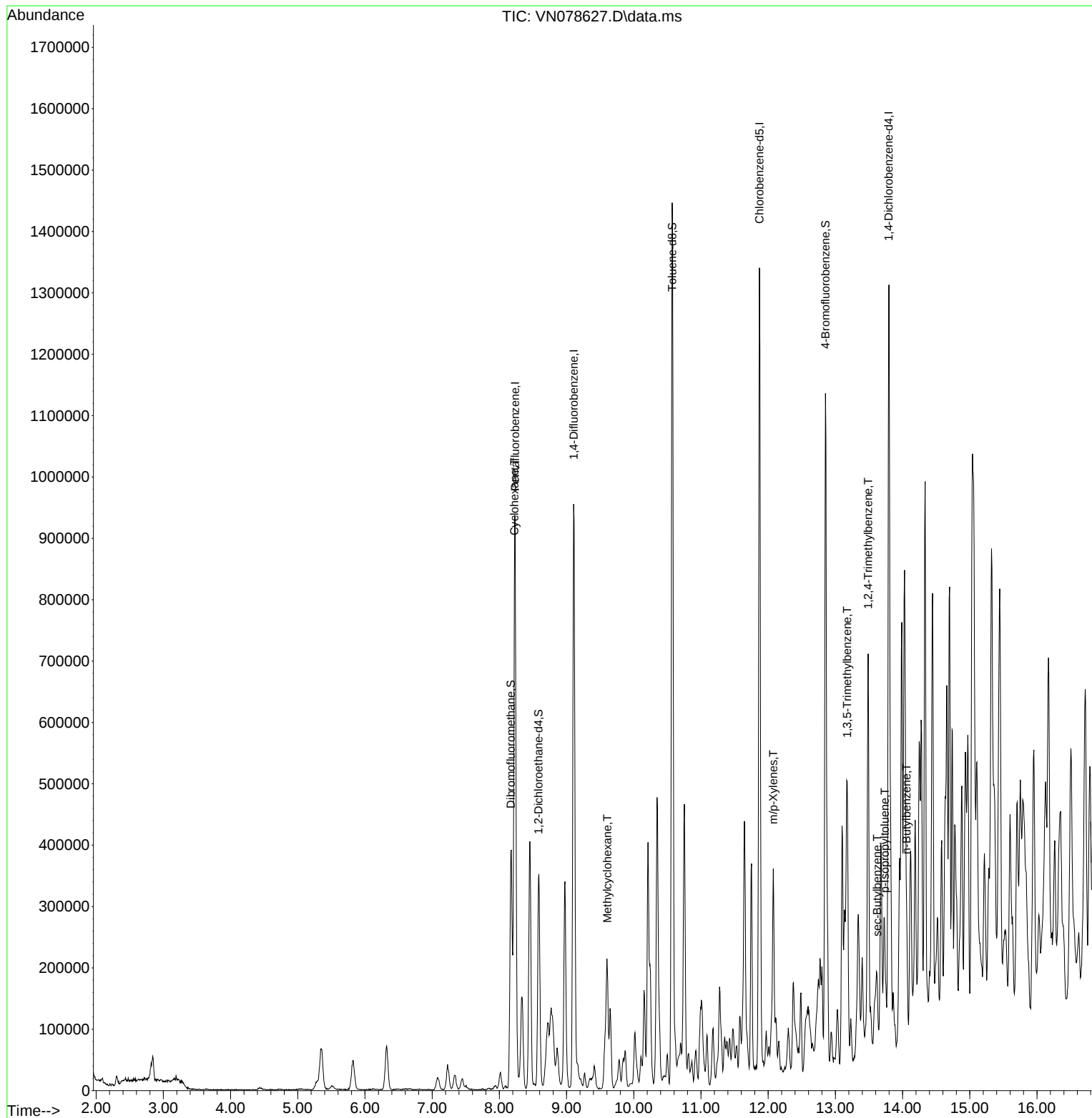
Internal Standards						
1) Pentafluorobenzene	8.235	168	463110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	826648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	766623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	343288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
31) Cyclohexane	8.224	56	72256	8.612	ug/l #	53
39) Methylcyclohexane	9.606	83	64892	8.774	ug/l #	79
68) m/p-Xylenes	12.076	106	16772	1.566	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	153536	6.024	ug/l	94
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

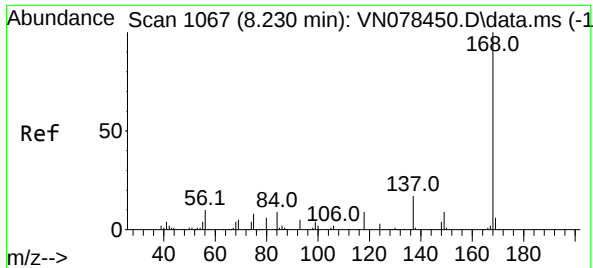
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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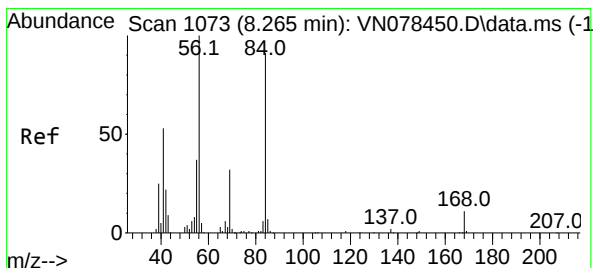
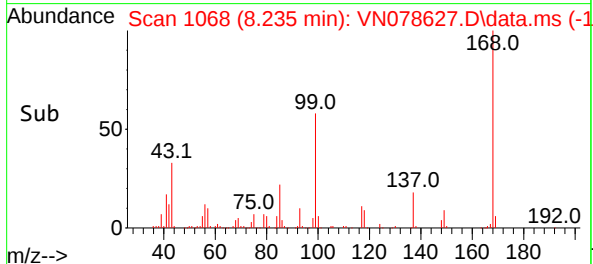
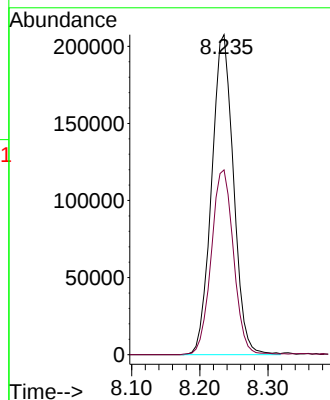
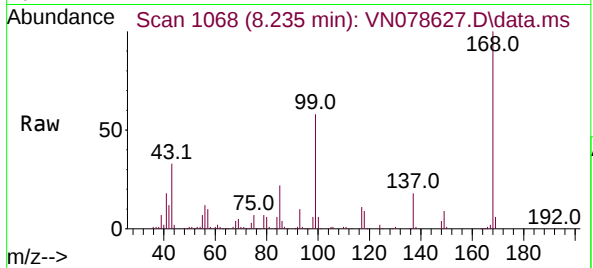




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

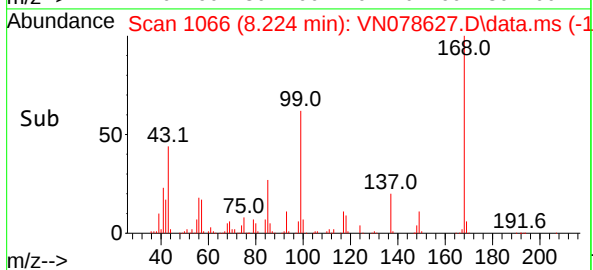
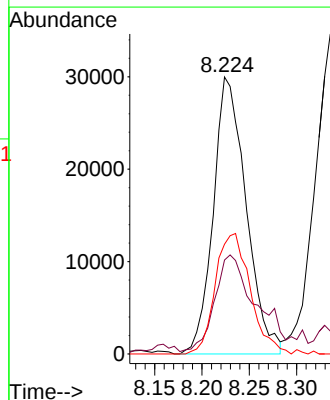
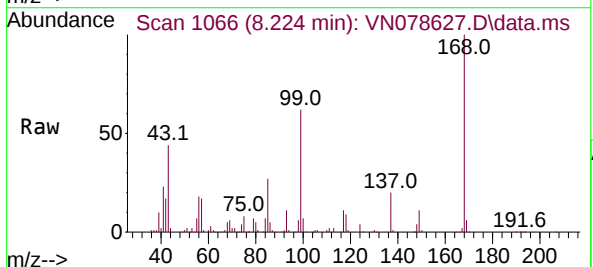
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

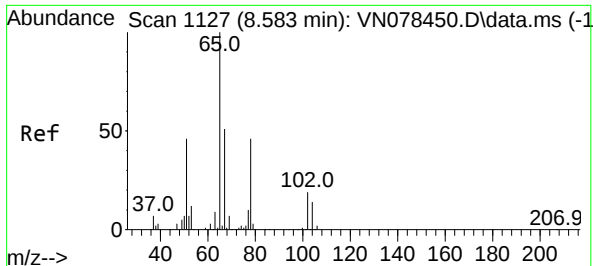
Tgt Ion:168 Resp: 463110
Ion Ratio Lower Upper
168 100
99 57.7 53.0 79.6



#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

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#

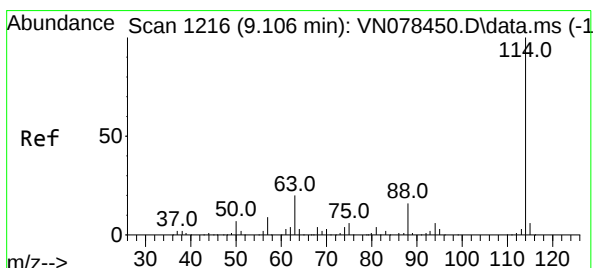
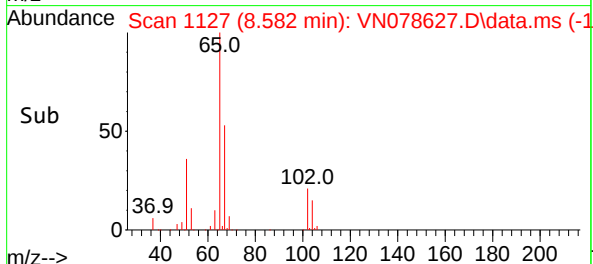
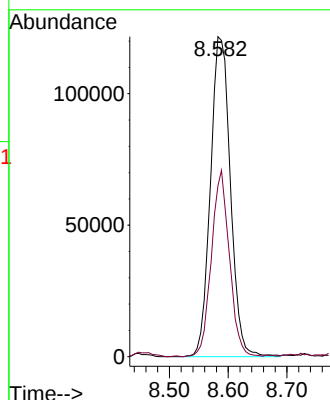
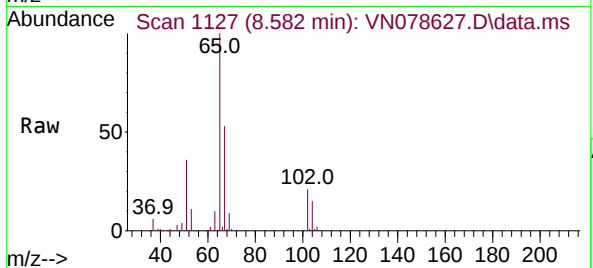




#33
 1,2-Dichloroethane-d4
 Concen: 46.242 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.001 min
 Lab File: VN078627.D
 Acq: 21 Jul 2023 20:39

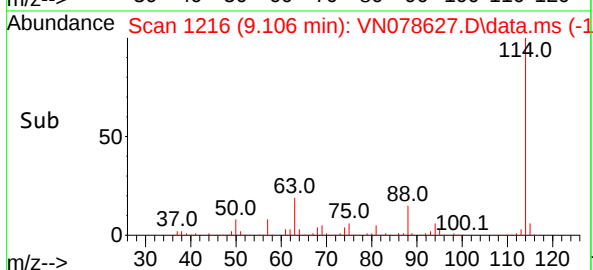
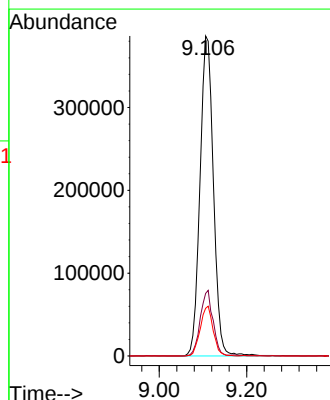
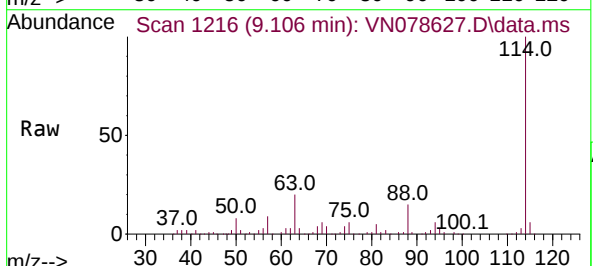
Instrument :
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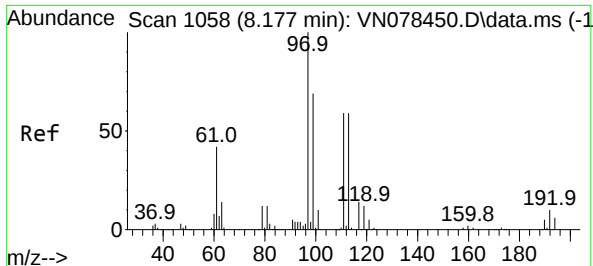
Tgt Ion: 65 Resp: 287093
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN078627.D
 Acq: 21 Jul 2023 20:39

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# 110

Delta R.T. -0.006 min

Lab File: VN078627.D

Acq: 21 Jul 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-DRUM

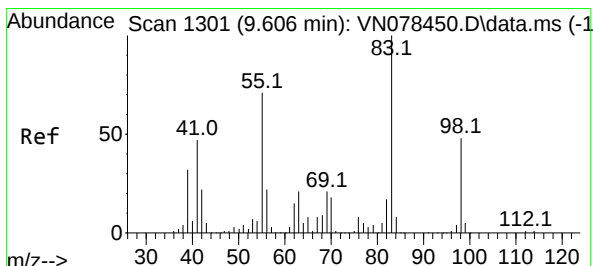
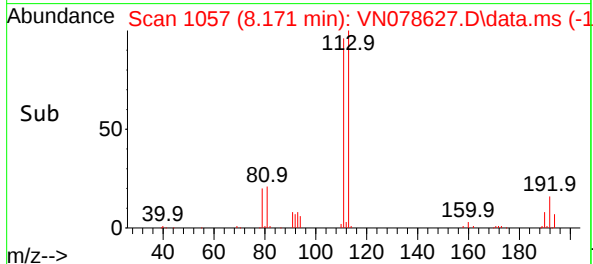
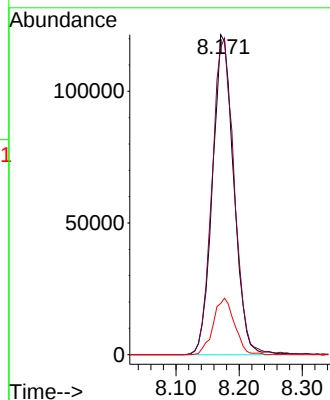
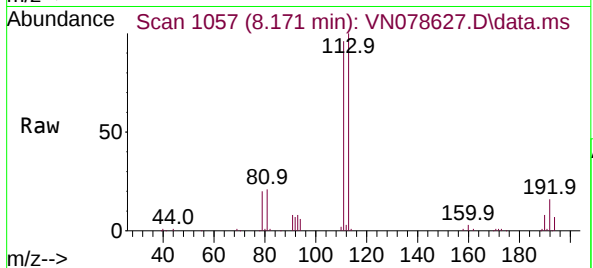
Tgt Ion:113 Resp: 283873

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.7 12.7 19.1



#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

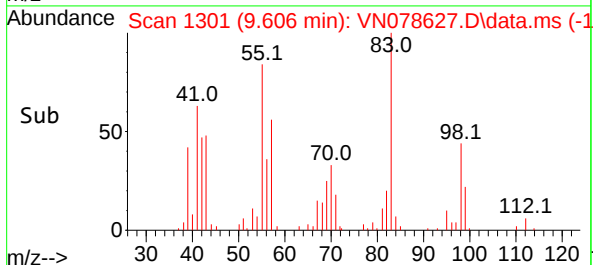
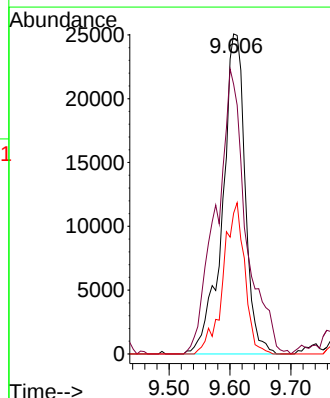
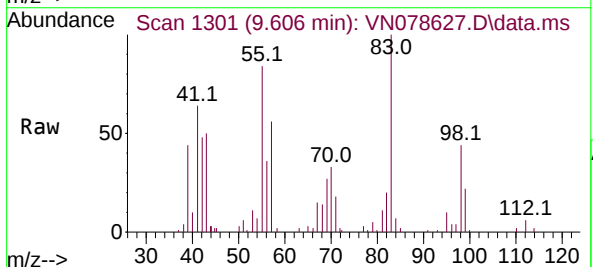
Tgt Ion: 83 Resp: 64892

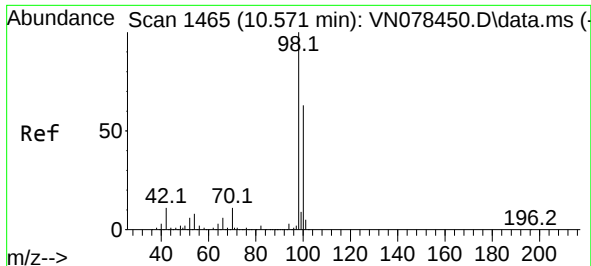
Ion Ratio Lower Upper

83 100

55 84.2 49.1 73.7#

98 44.0 40.6 61.0

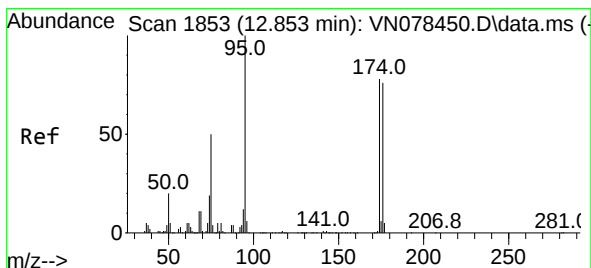
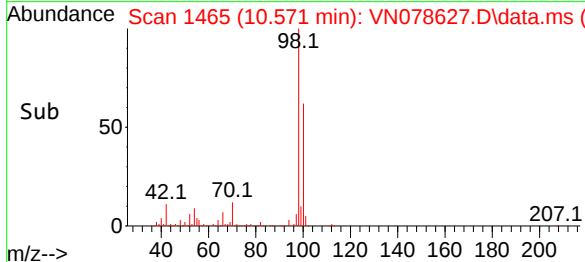
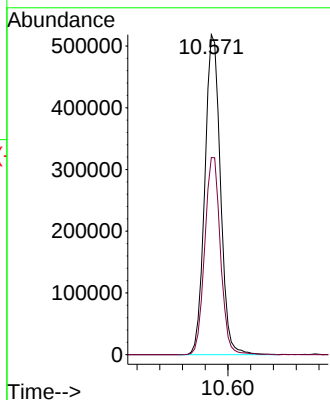
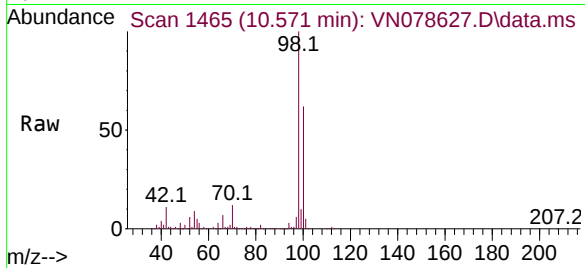




#50
Toluene-d8
Concen: 46.441 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

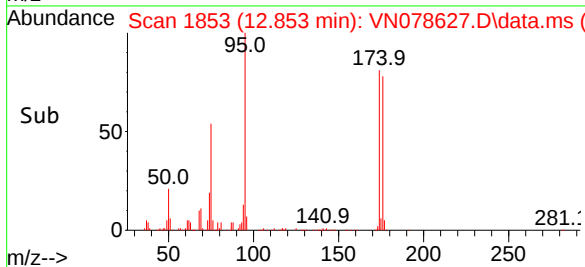
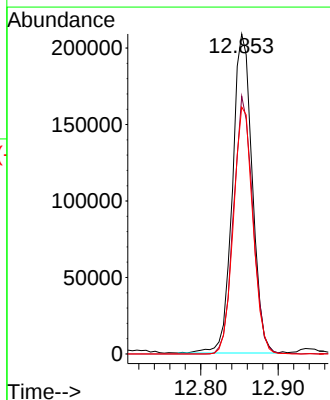
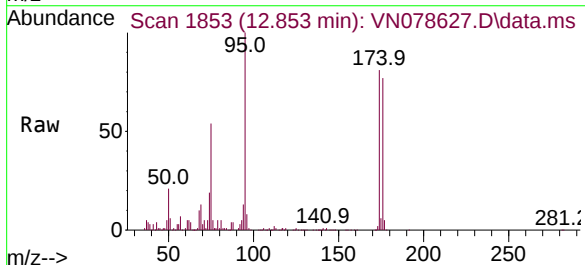
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-DRUM

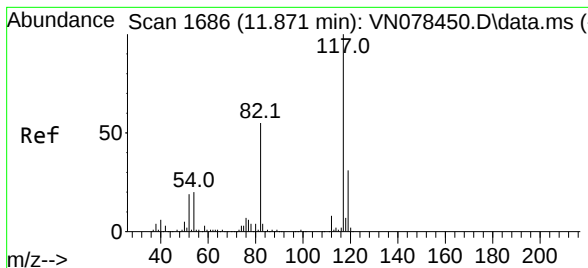
Tgt Ion: 98 Resp: 984491
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#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

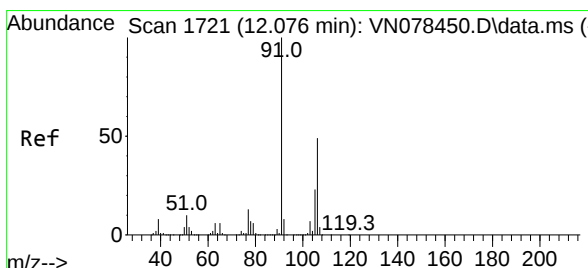
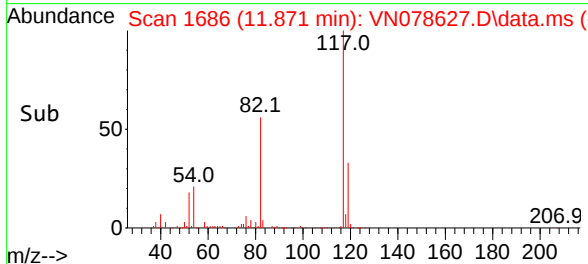
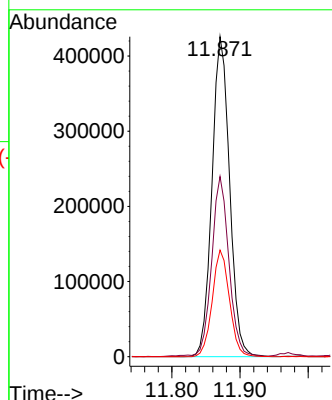
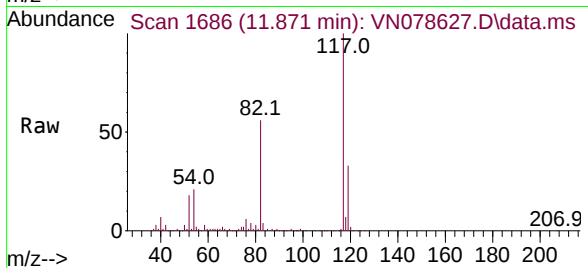




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

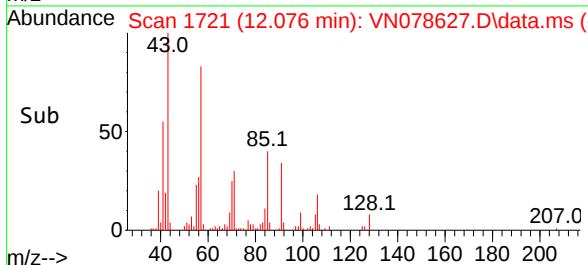
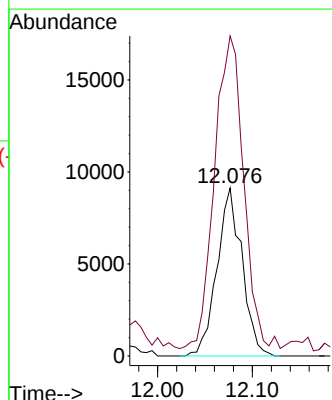
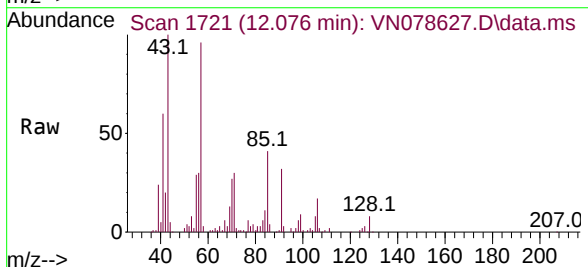
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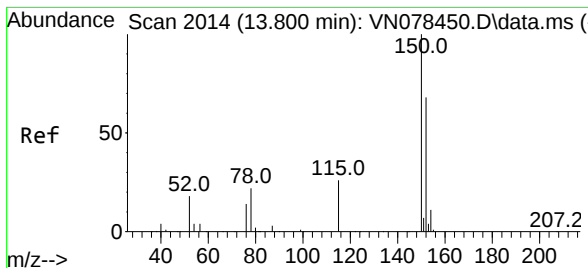
Tgt Ion:117 Resp: 766623
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 33.3 25.6 38.4



#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





#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

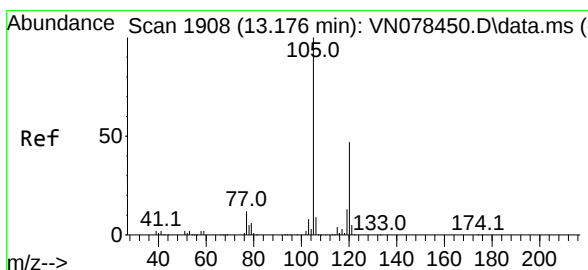
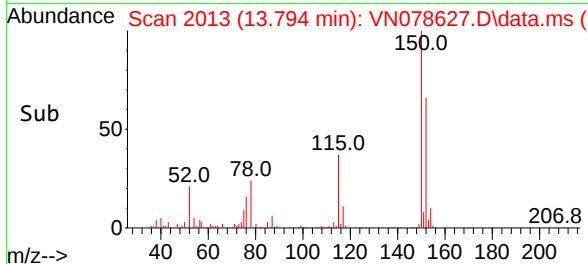
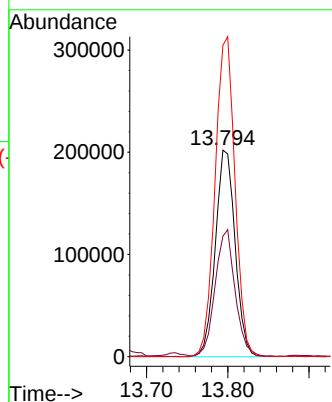
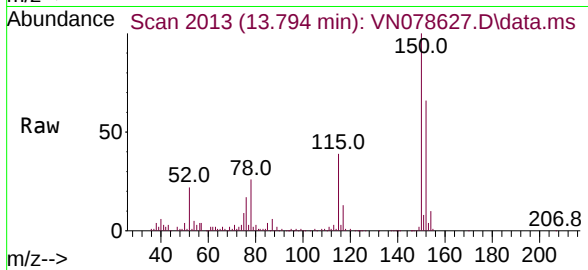
Tgt Ion:152 Resp: 343288

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 155.4 0.0 355.8



#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

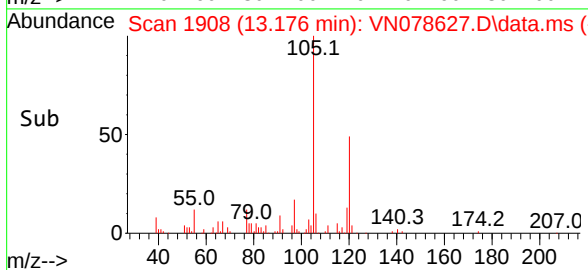
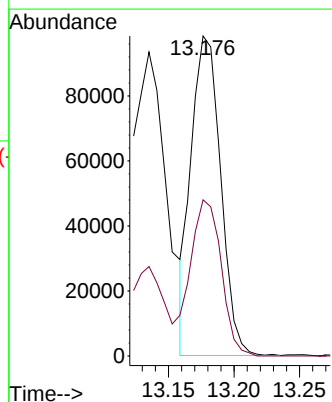
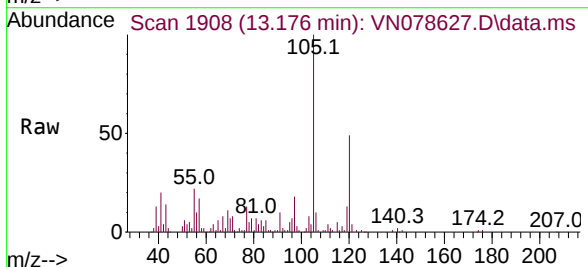
Acq: 21 Jul 2023 20:39

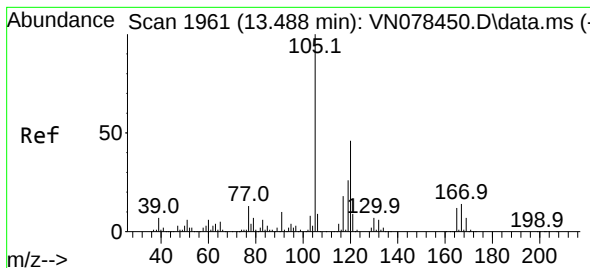
Tgt Ion:105 Resp: 153536

Ion Ratio Lower Upper

105 100

120 52.1 24.1 72.3





#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 :

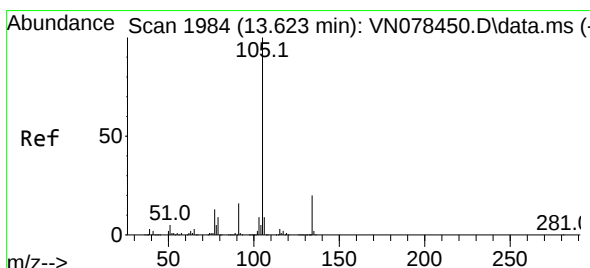
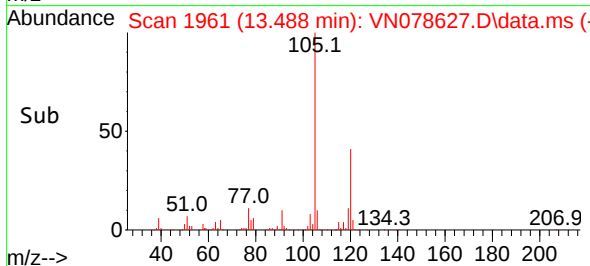
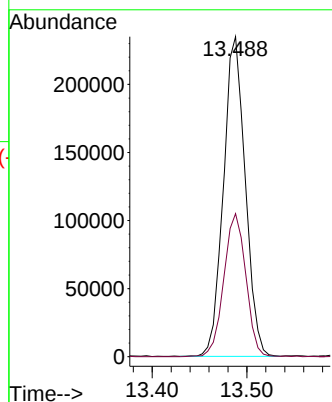
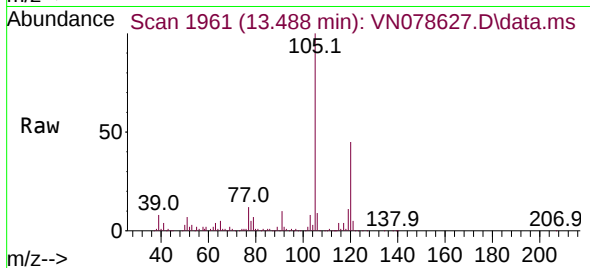
SLUDGE-DRUM

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

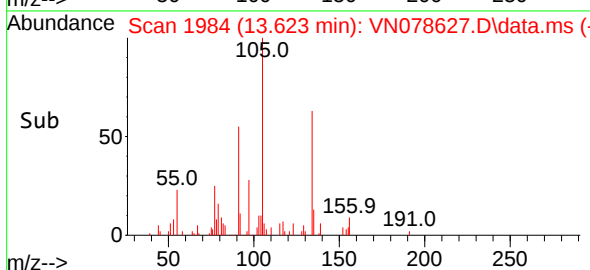
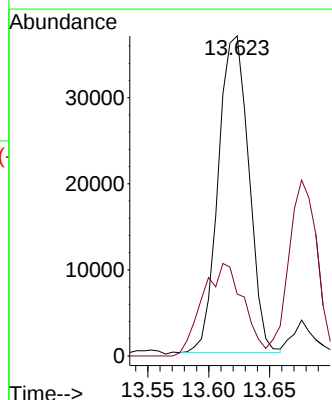
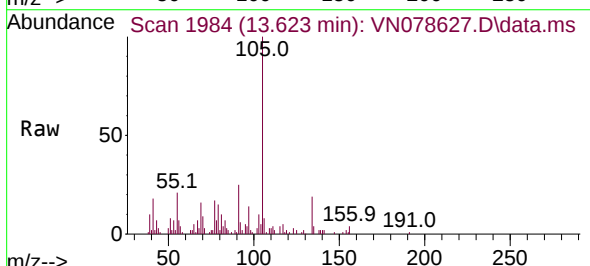
Acq: 21 Jul 2023 20:39

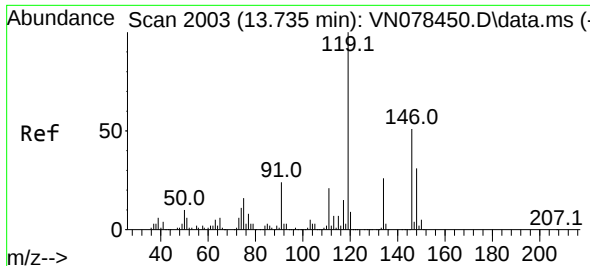
Tgt Ion:105 Resp: 64311

Ion Ratio Lower Upper

105 100

134 39.3 9.8 29.3#

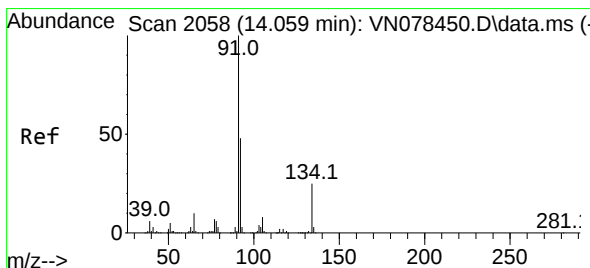
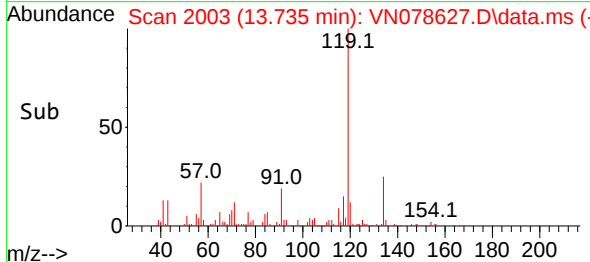
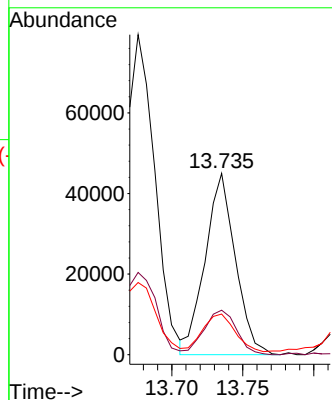
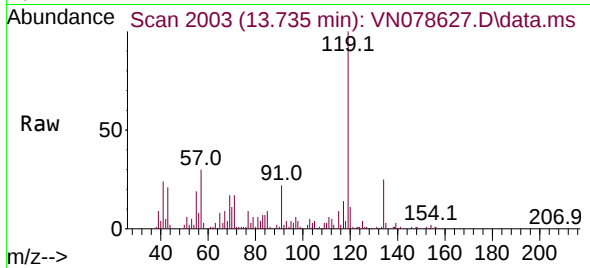




#86
p-Isopropyltoluene
Concen: 3.028 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078627.D
Acq: 21 Jul 2023 20:39

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#

