

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061623.D
 Acq On : 2 Jun 2020 16:49
 Operator : JC/MD
 Sample : L2504-04
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-SLUDGE

Quant Time: Jun 03 07:53:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

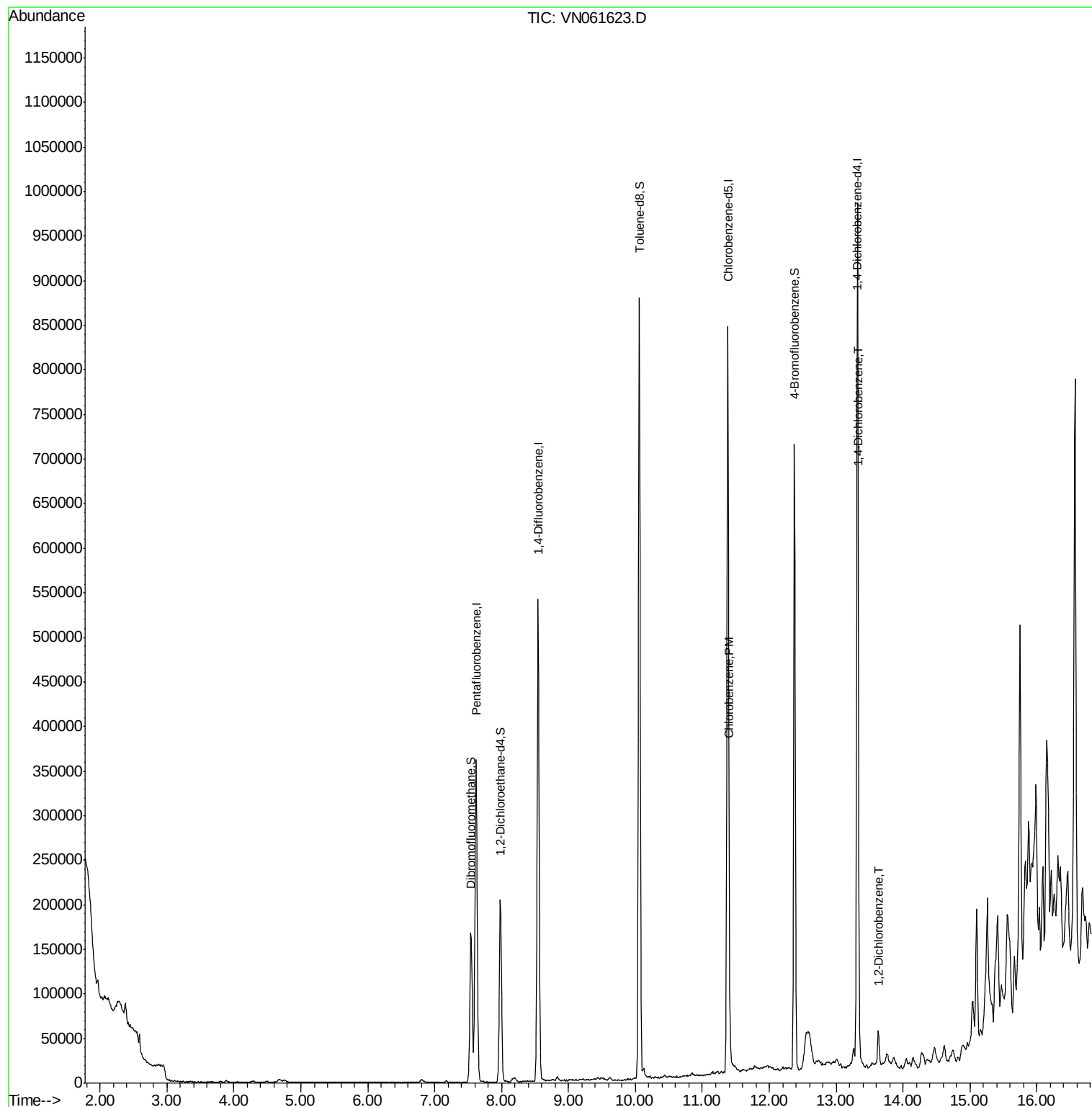
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	308827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	520273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	267732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	173680	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	7.54	113	129885	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	10.06	98	625822	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.38	95	247770	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
Target Compounds						
65) Chlorobenzene	11.41	112	31521	2.979	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	19543	2.172	ug/l	82
91) 1,2-Dichlorobenzene	13.63	146	14969	1.773	ug/l	97

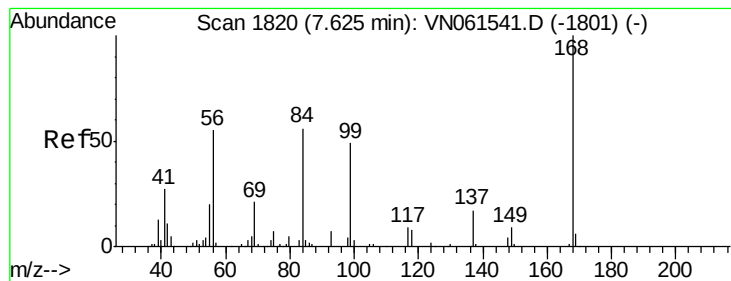
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

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Acq: 2 Jun 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

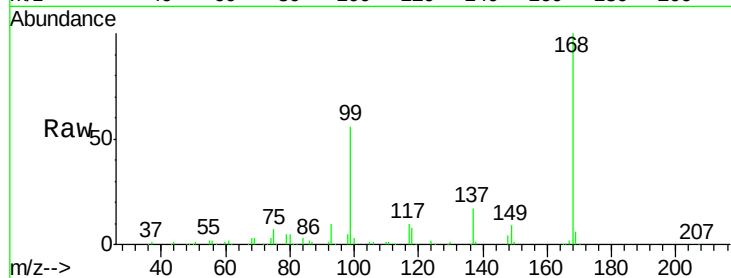
EFF-SLUDGE

Tot Ion:168 Resp: 308827

Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

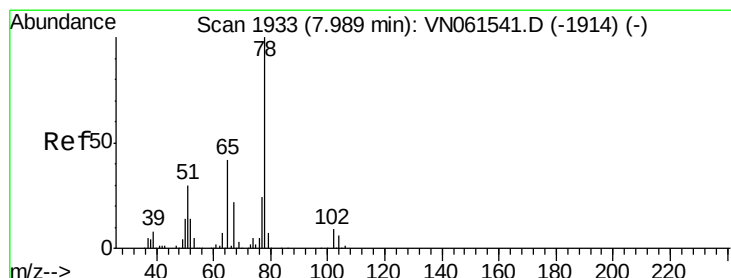
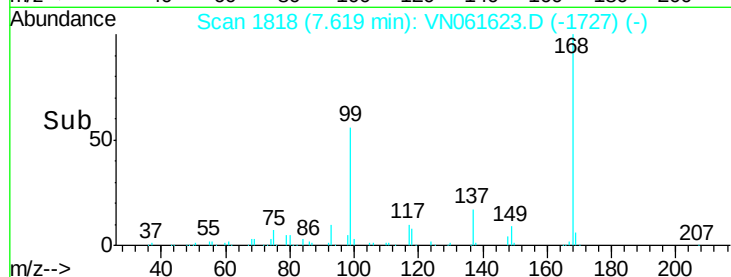
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.202 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061623.D

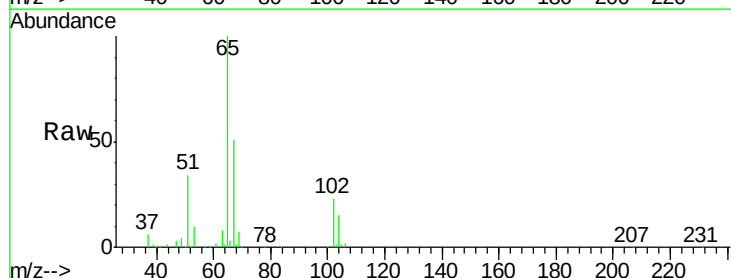
Acq: 2 Jun 2020 16:49

Tgt Ion: 65 Resp: 173680

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.98

80000

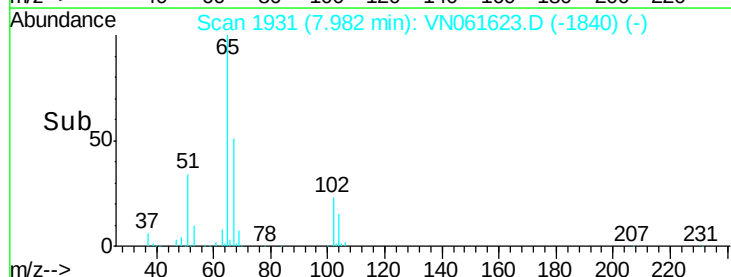
60000

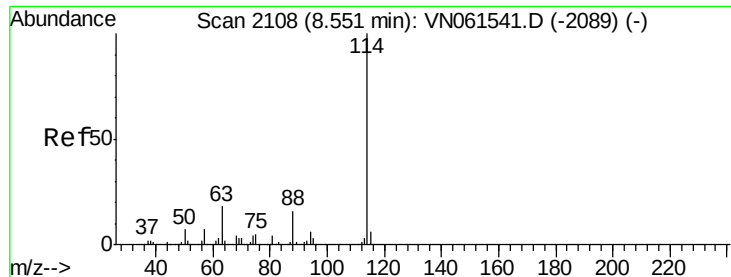
40000

20000

0

Time--> 7.90 8.00 8.10

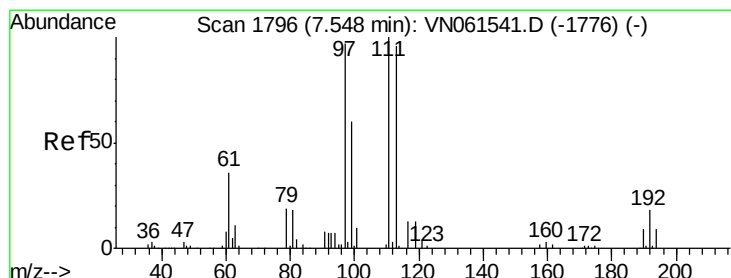
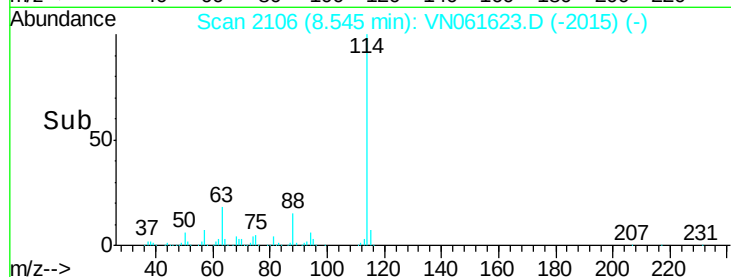
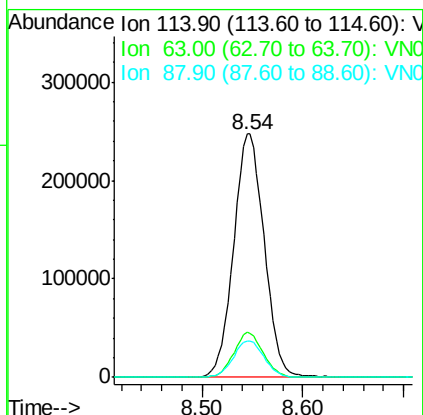
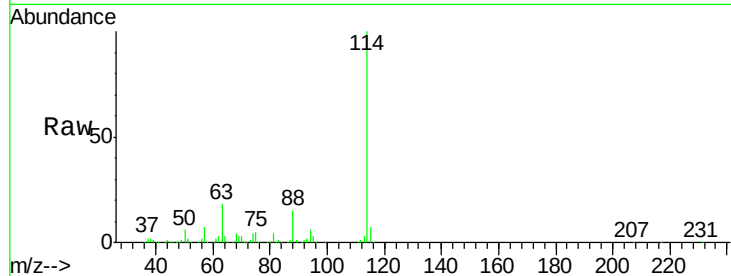




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN061623.D
 Acq: 2 Jun 2020 16:49

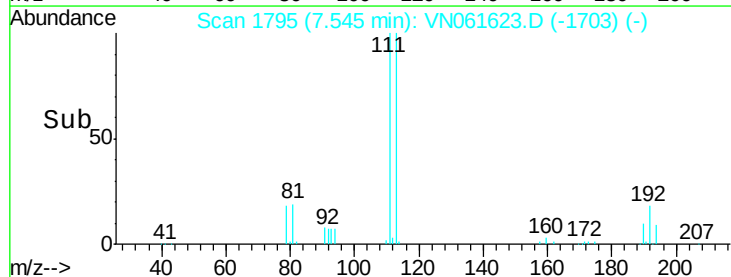
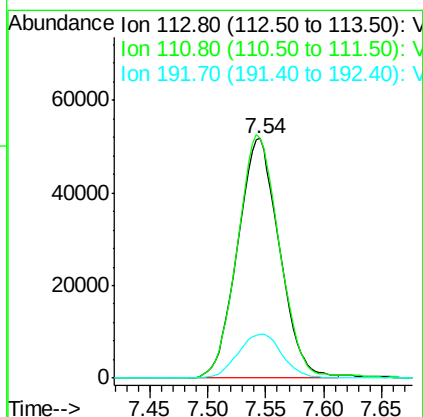
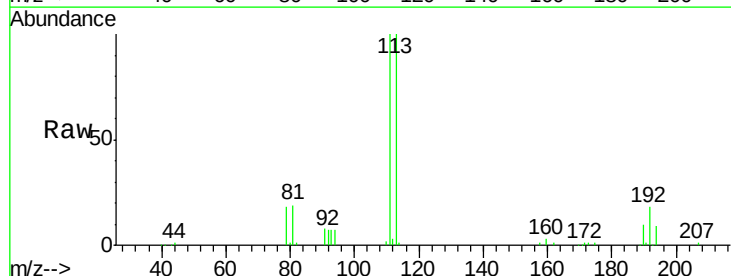
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-SLUDGE

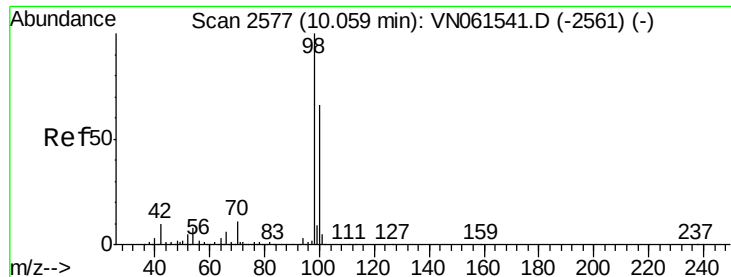
Tot Ion:114 Resp: 520273
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.8
 88 15.1 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 49.213 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061623.D
 Acq: 2 Jun 2020 16:49

Tgt Ion:113 Resp: 129885
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.4 125.0
 192 19.2 15.4 23.2





#50

Toluene-d8

Concen: 51.168 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061623.D

Acq: 2 Jun 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

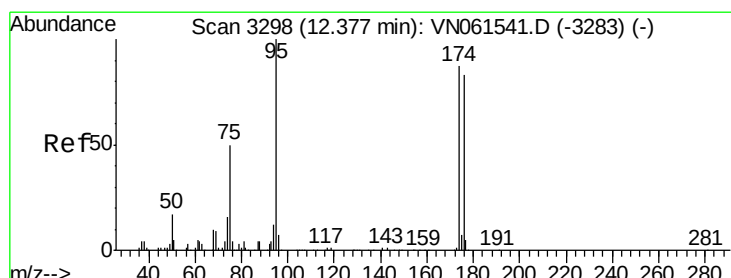
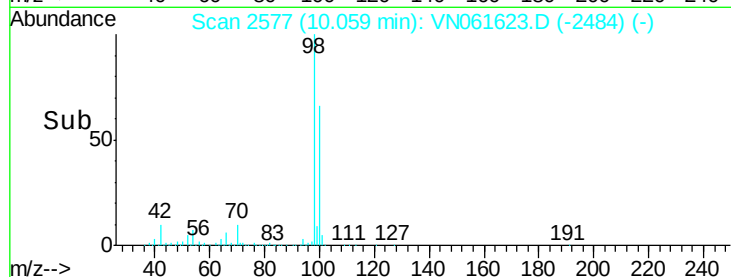
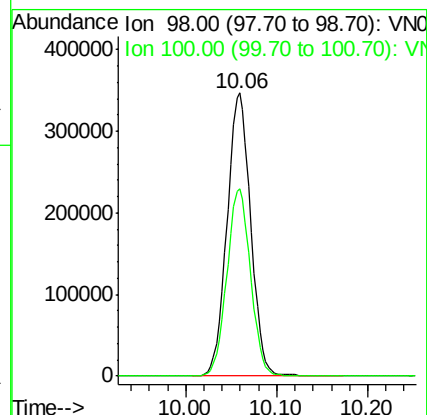
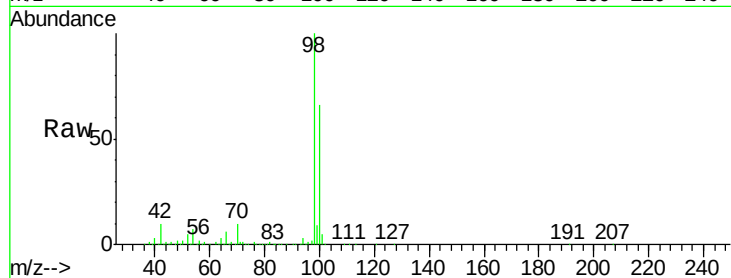
EFF-SLUDGE

Tot Ion: 98 Resp: 625822

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 55.527 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061623.D

Acq: 2 Jun 2020 16:49

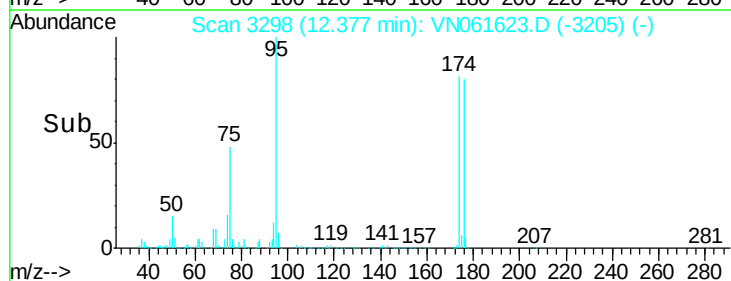
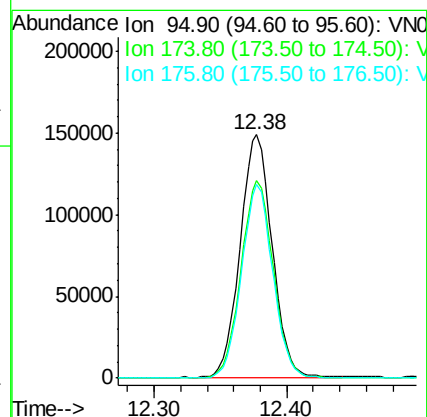
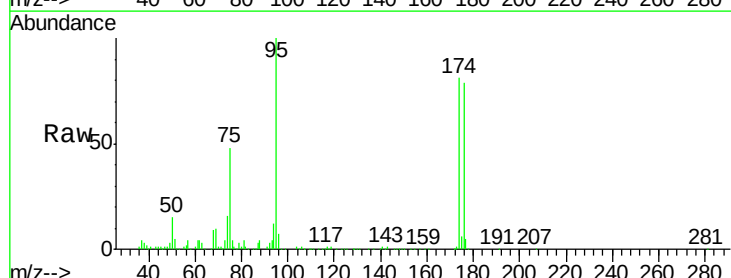
Tgt Ion: 95 Resp: 247770

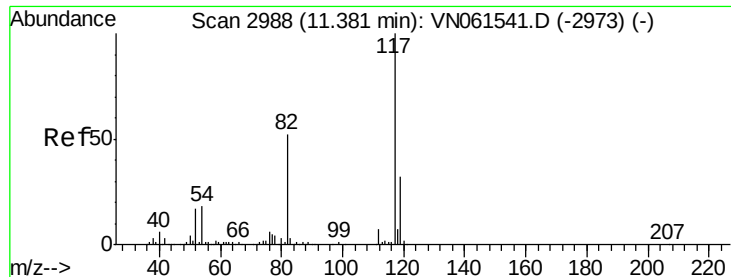
Ion Ratio Lower Upper

95 100

174 82.6 0.0 172.8

176 78.6 0.0 164.8

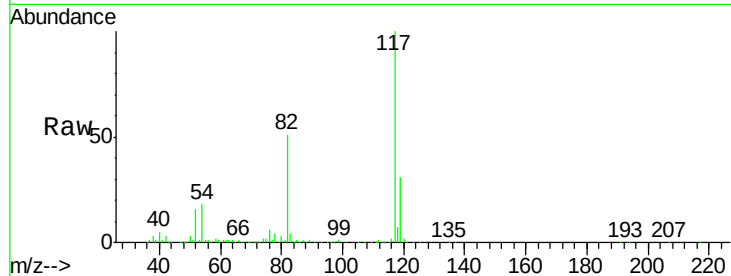




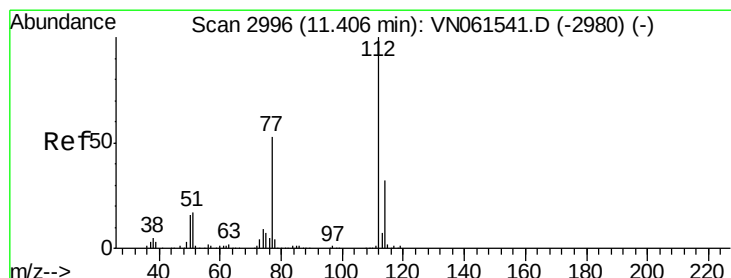
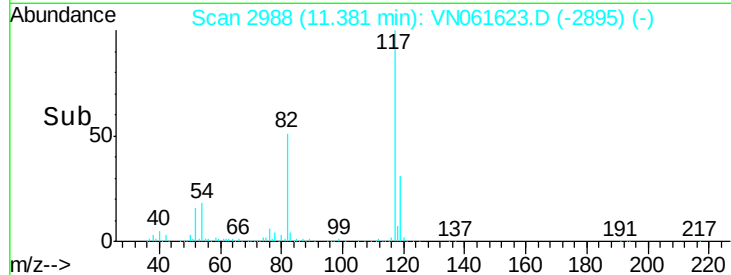
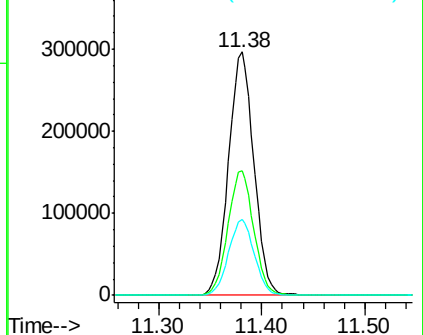
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061623.D
Acq: 2 Jun 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :
EFF-SLUDGE

Tot Ion:117 Resp: 508995
Ion Ratio Lower Upper
117 100
82 51.2 41.5 62.3
119 31.3 25.6 38.4

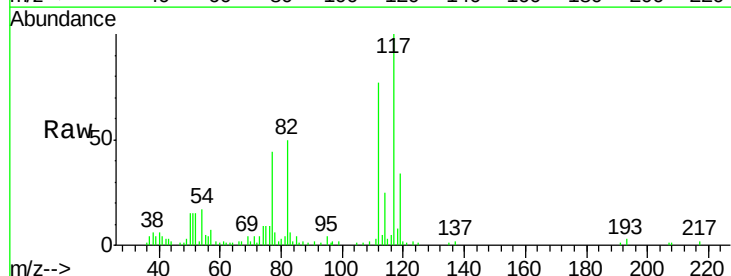


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

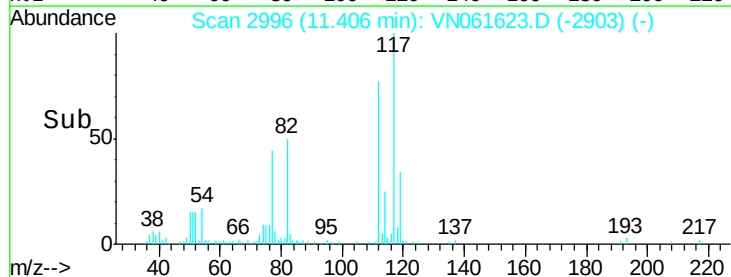
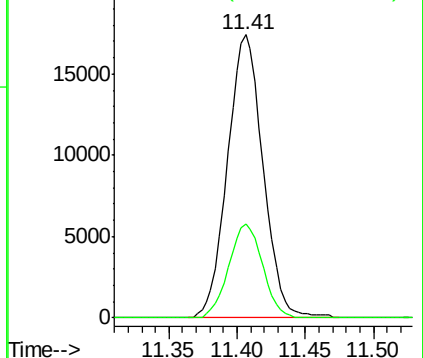


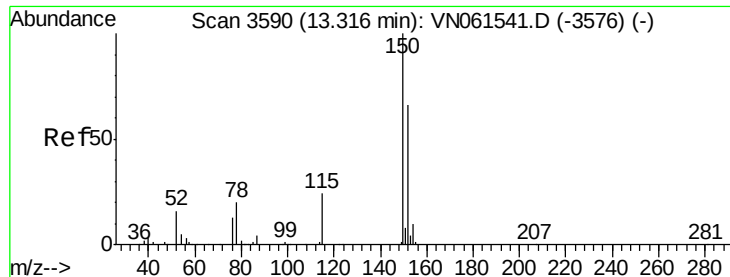
#65
Chlorobenzene
Concen: 2.979 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061623.D
Acq: 2 Jun 2020 16:49

Tgt Ion:112 Resp: 31521
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061623.D

Acq: 2 Jun 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

EFF-SLUDGE

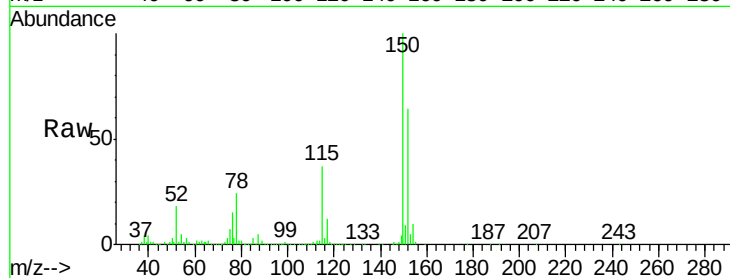
Tot Ion:152 Resp: 267732

Ion Ratio Lower Upper

152 100

115 58.4 28.0 84.0

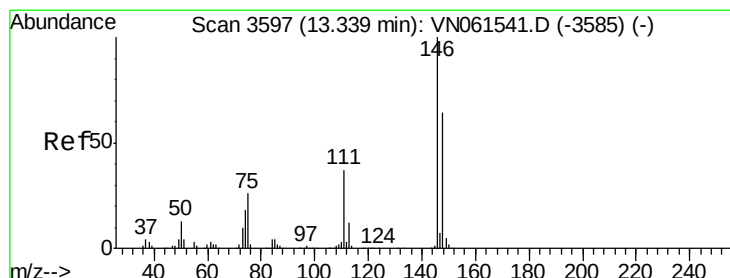
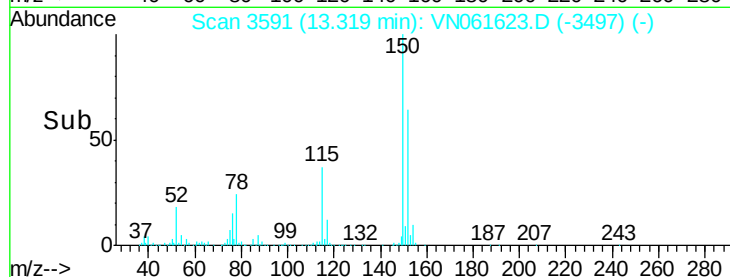
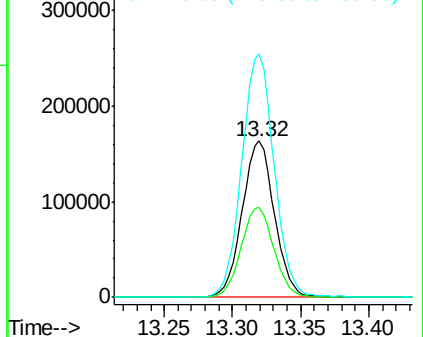
150 156.5 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#88

1,4-Dichlorobenzene

Concen: 2.172 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN061623.D

Acq: 2 Jun 2020 16:49

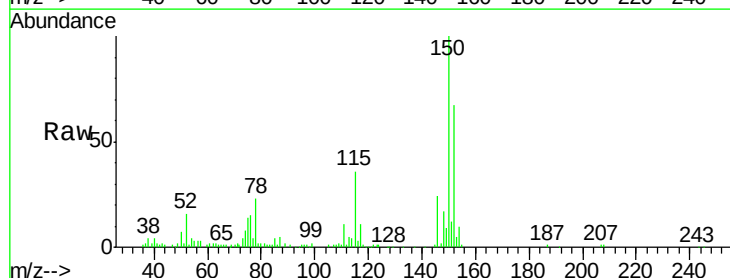
Tgt Ion:146 Resp: 19543

Ion Ratio Lower Upper

146 100

111 56.0 18.9 56.9

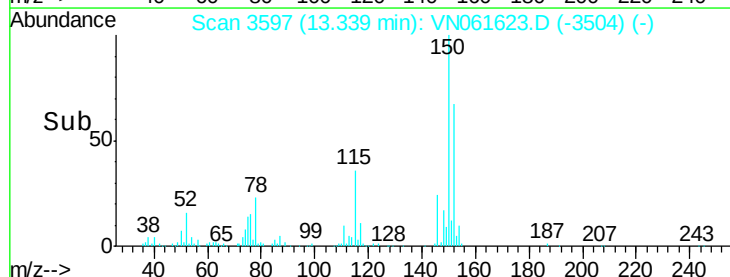
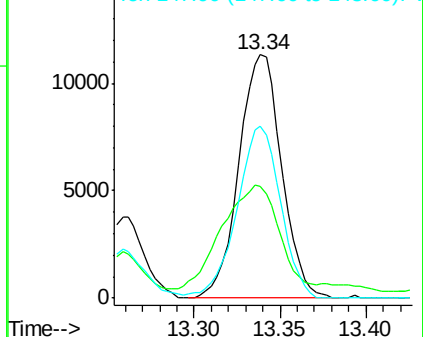
148 72.0 31.8 95.3

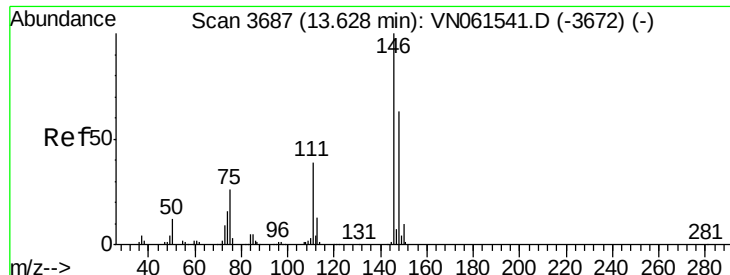


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 1.773 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061623.D

Acq: 2 Jun 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

EFF-SLUDGE

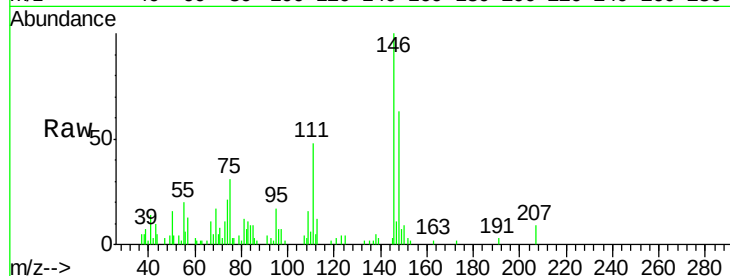
Tot Ion:146 Resp: 14969

Ion Ratio Lower Upper

146 100

111 43.7 20.1 60.2

148 64.1 31.9 95.5



Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

