

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061622.D
 Acq On : 2 Jun 2020 16:26
 Operator : JC/MD
 Sample : L2504-03ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF-SLUDGEME

Quant Time: Jun 03 07:50:19 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

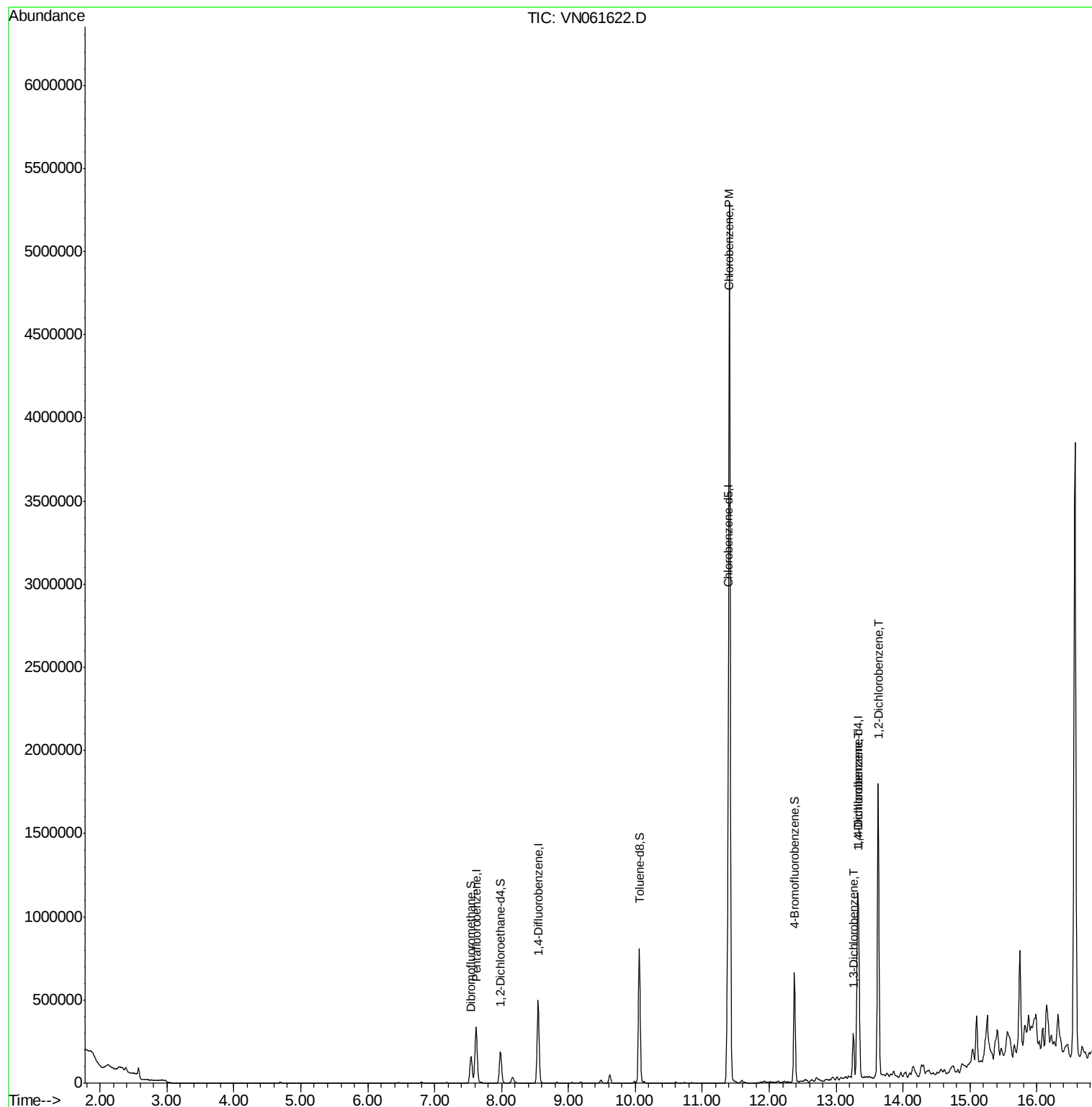
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	288167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	486441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	251773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	161632	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
35) Dibromofluoromethane	7.54	113	123680	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.06	98	579750	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.38	95	229092	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
Target Compounds						
65) Chlorobenzene	11.41	112	3083583	318.563	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	122593	14.759	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	352705	41.682	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	771514	97.194	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061622.D

Acq: 2 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

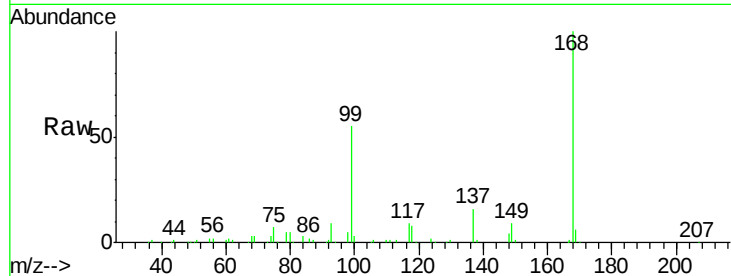
INF-SLUDGE

Tot Ion:168 Resp: 288167

Ion Ratio Lower Upper

168 100

99 55.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

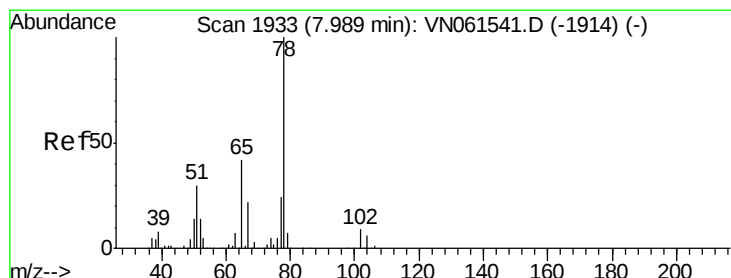
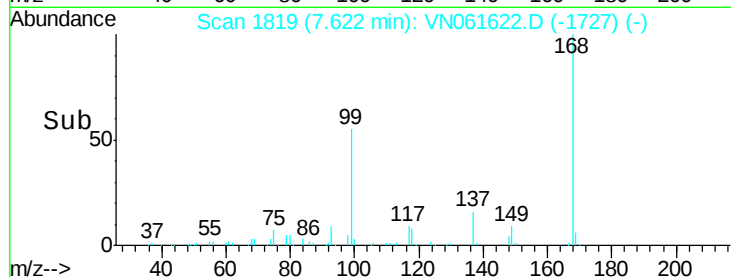
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.077 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061622.D

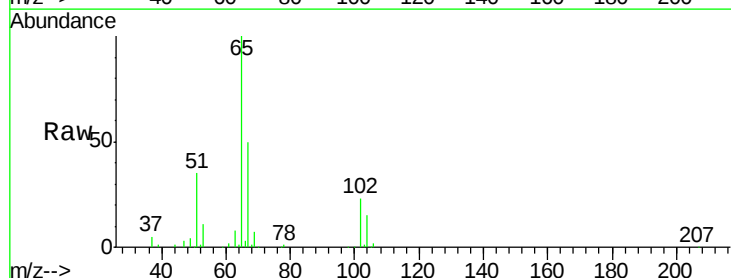
Acq: 2 Jun 2020 16:26

Tgt Ion: 65 Resp: 161632

Ion Ratio Lower Upper

65 100

67 50.8 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

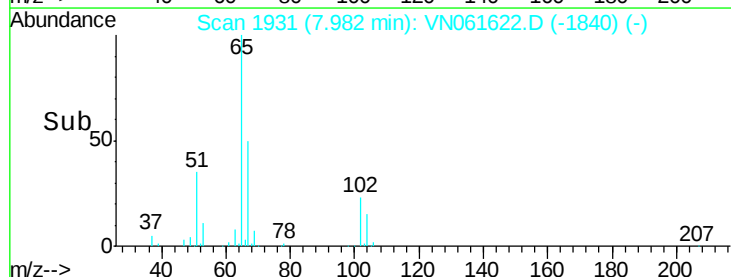
60000

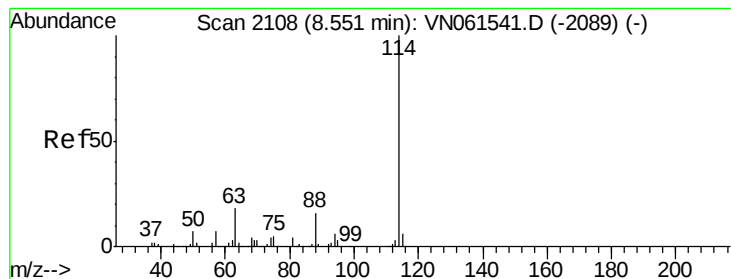
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061622.D

Acq: 2 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

INF-SLUDGE

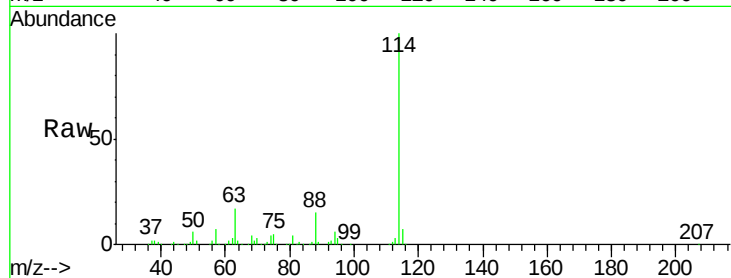
Tot Ion:114 Resp: 486441

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.8

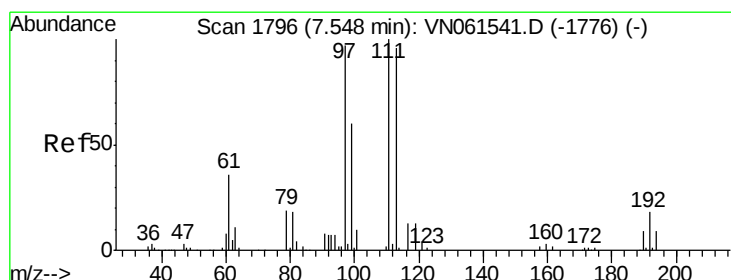
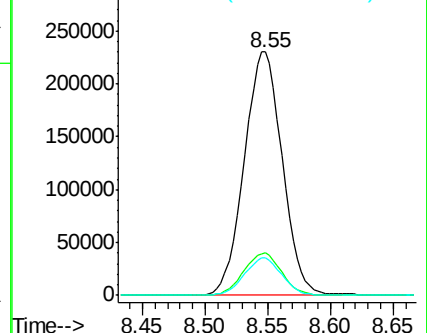
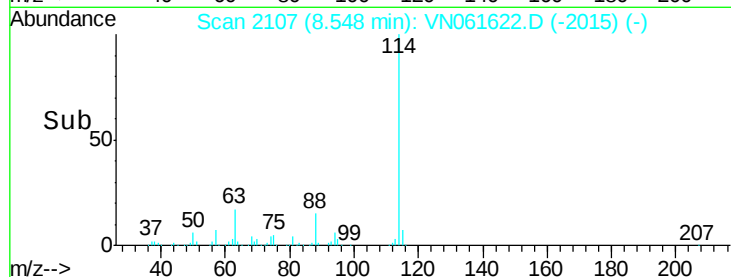
88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.121 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061622.D

Acq: 2 Jun 2020 16:26

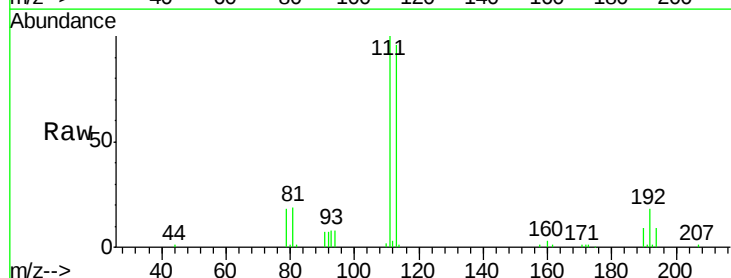
Tgt Ion:113 Resp: 123680

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

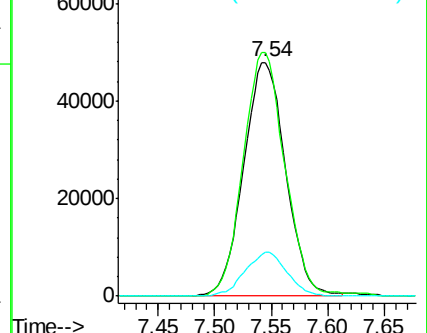
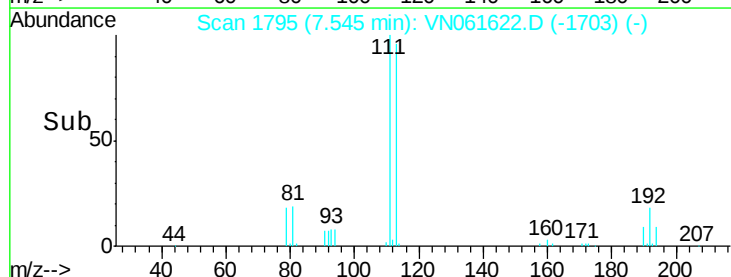
192 18.7 15.4 23.2

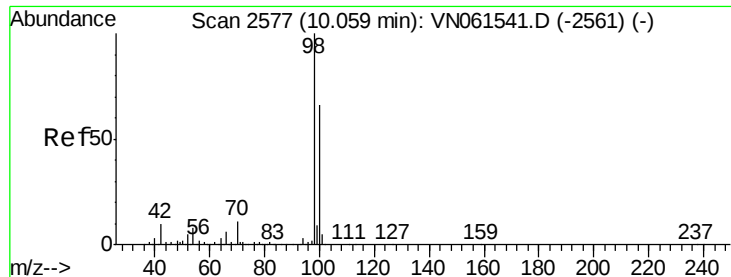


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.698 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061622.D

Acq: 2 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

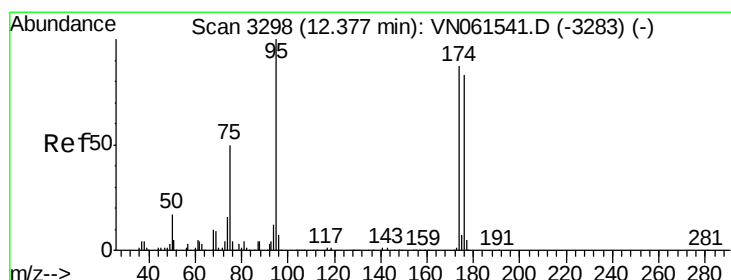
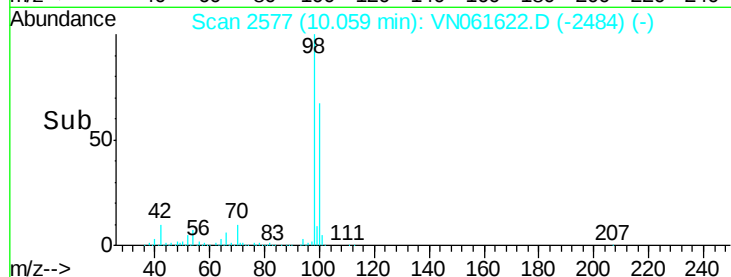
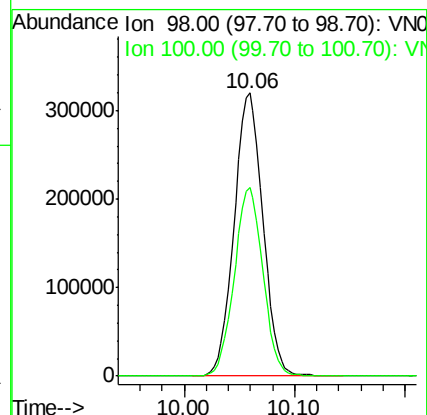
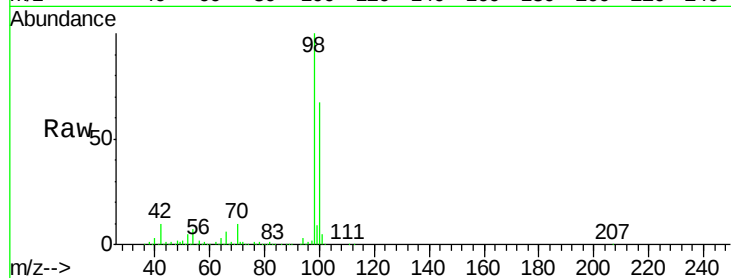
INF-SLUDGE

Tot Ion: 98 Resp: 579750

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 54.912 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061622.D

Acq: 2 Jun 2020 16:26

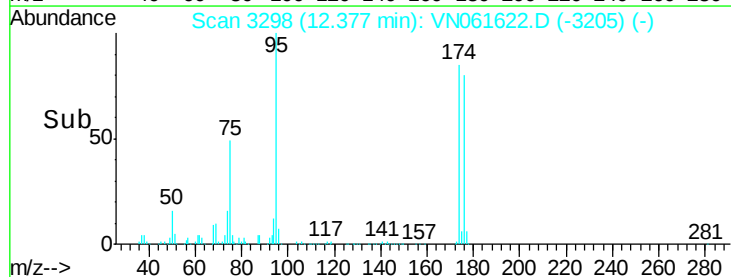
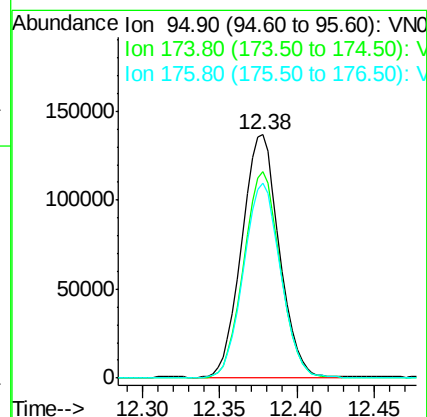
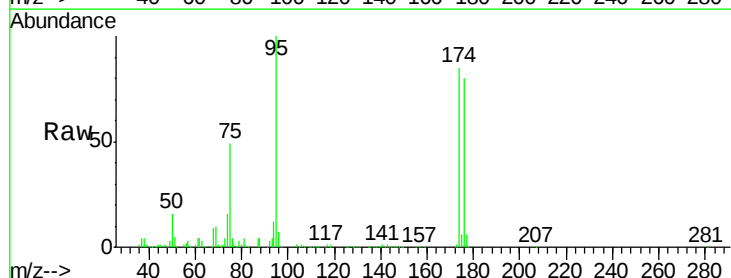
Tgt Ion: 95 Resp: 229092

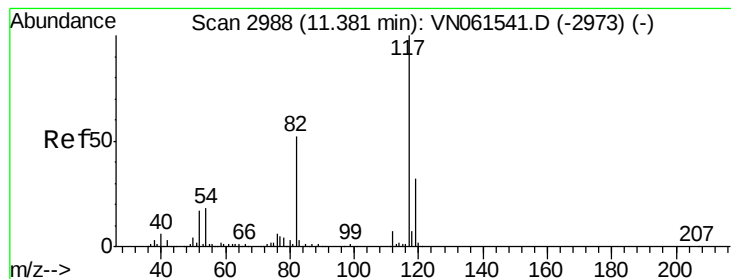
Ion Ratio Lower Upper

95 100

174 83.9 0.0 172.8

176 80.6 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: VN061622.D

Acq: 2 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

INF-SLUDGE

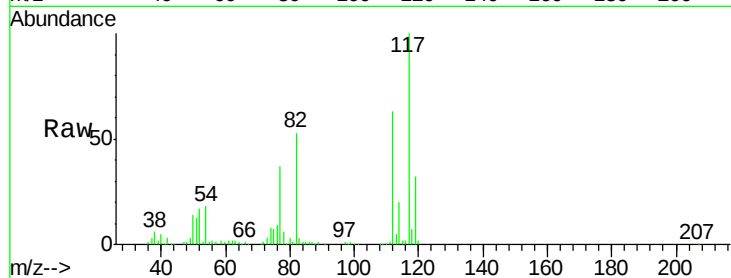
Tot Ion:117 Resp: 465674

Ion Ratio Lower Upper

117 100

82 53.1 41.5 62.3

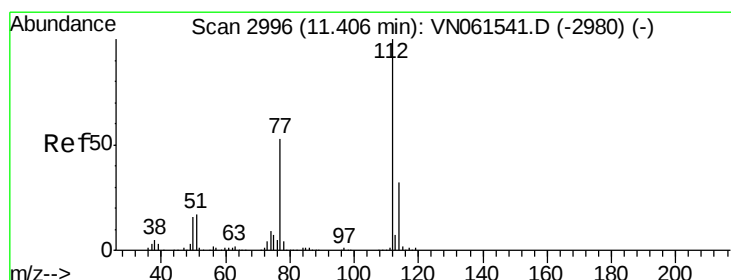
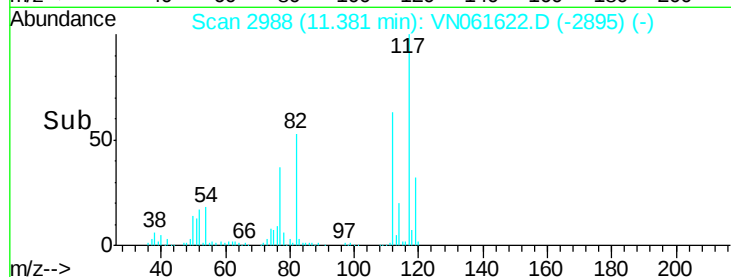
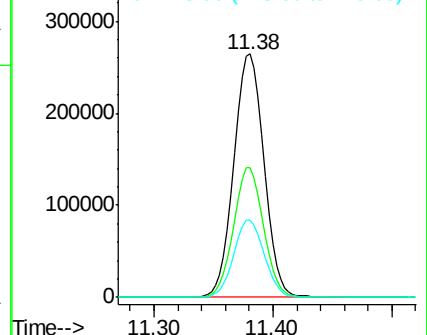
119 31.7 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 318.563 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061622.D

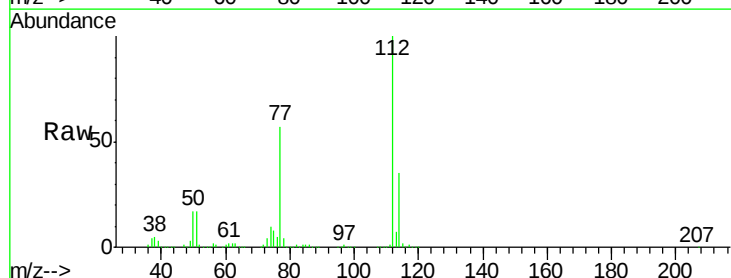
Acq: 2 Jun 2020 16:26

Tgt Ion:112 Resp: 3083583

Ion Ratio Lower Upper

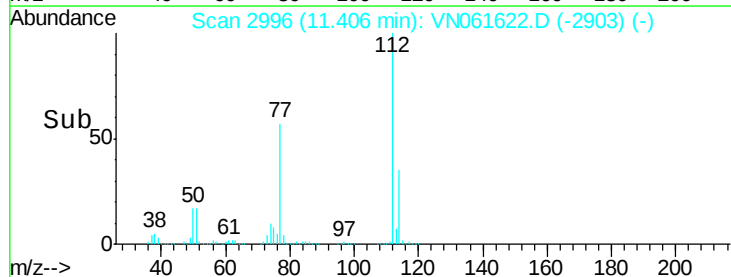
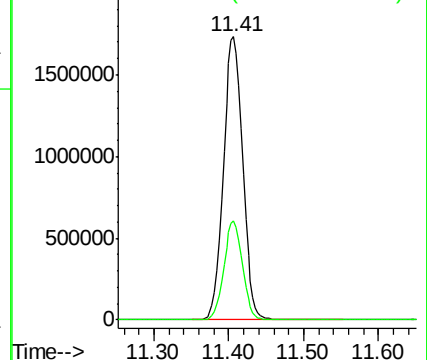
112 100

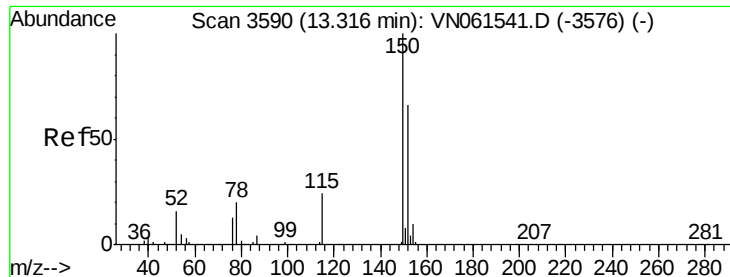
114 34.8 25.7 38.5



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: VN061622.D

Acq: 2 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

INF-SLUDGE

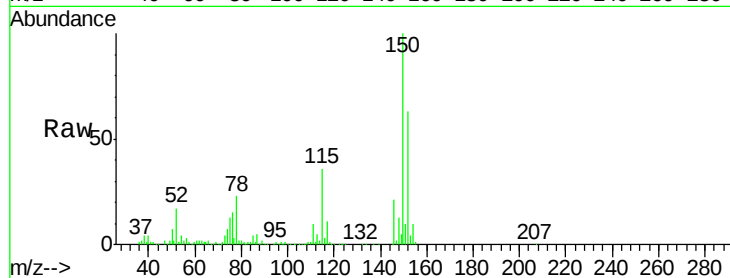
Tot Ion:152 Resp: 251773

Ion Ratio Lower Upper

152 100

115 57.4 28.0 84.0

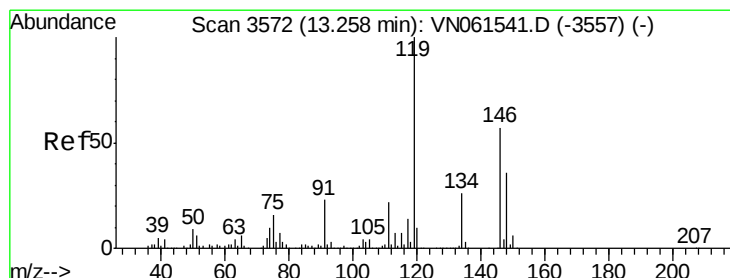
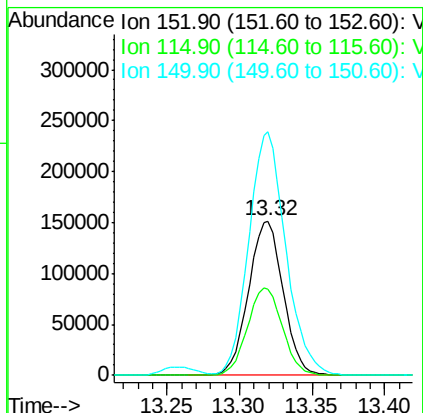
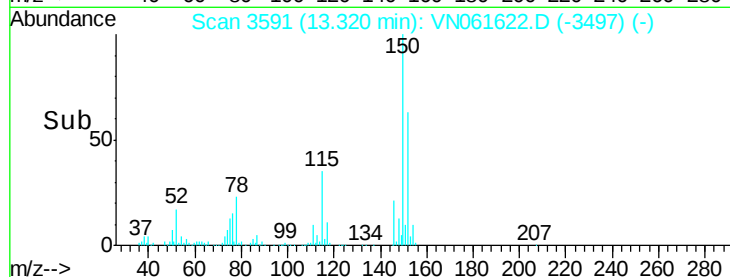
150 168.3 0.0 344.0



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



#87

1,3-Dichlorobenzene

Concen: 14.759 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061622.D

Acq: 2 Jun 2020 16:26

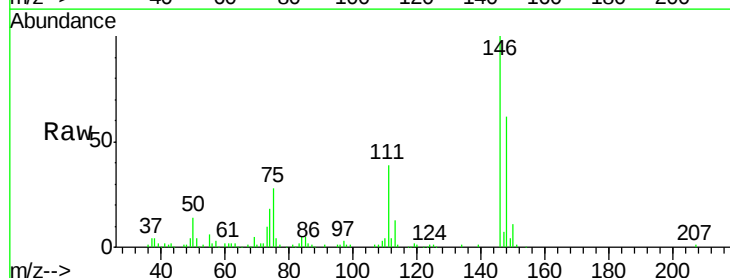
Tgt Ion:146 Resp: 122593

Ion Ratio Lower Upper

146 100

111 40.1 19.2 57.6

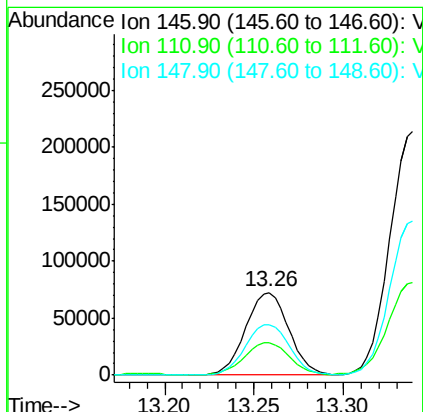
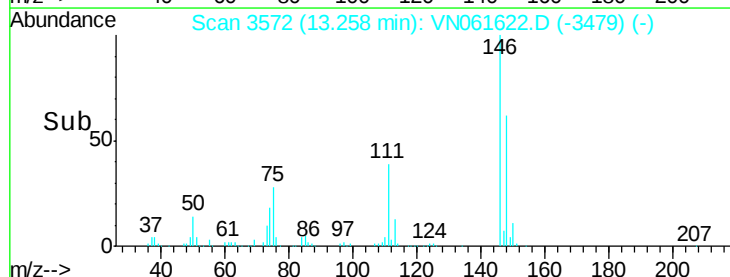
148 63.3 31.7 95.1

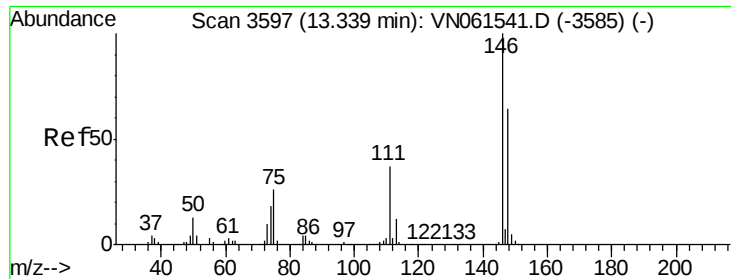


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

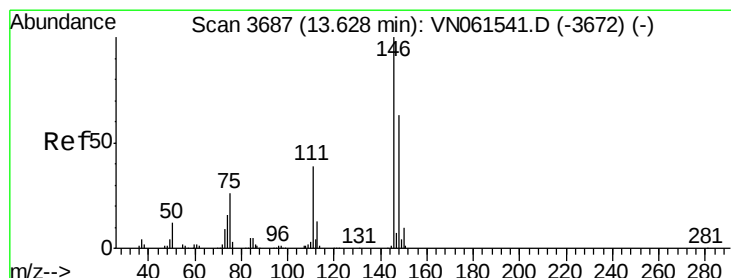
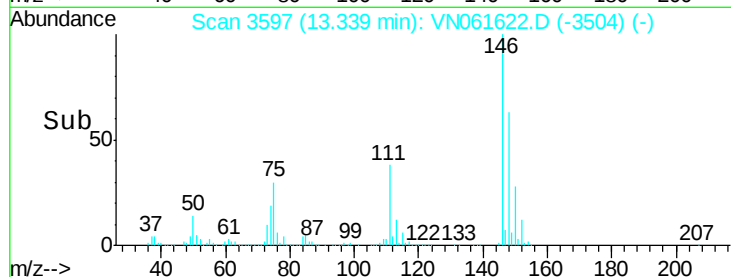
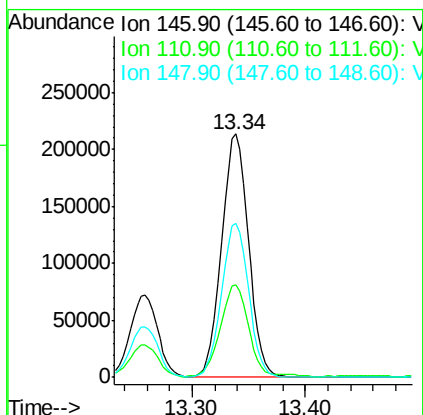
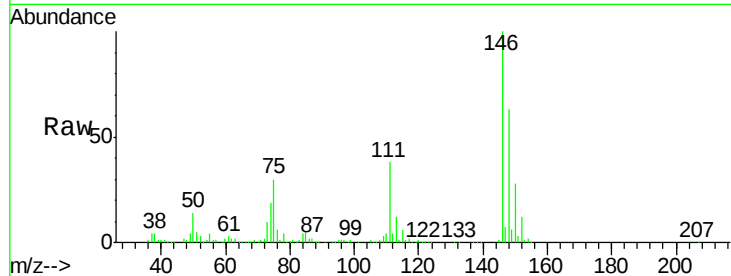




#88
 1,4-Dichlorobenzene
 Concen: 41.682 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061622.D
 Acq: 2 Jun 2020 16:26

Instrument :
 MSVOA_N
 ClientSampled :
 INF-SLUDGE

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	63.3	31.8	95.3



#91
 1,2-Dichlorobenzene
 Concen: 97.194 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061622.D
 Acq: 2 Jun 2020 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.1	60.2
148	64.1	31.9	95.5

