

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060320\
 Data File : VN061632.D
 Acq On : 3 Jun 2020 12:42
 Operator : JC/MD
 Sample : L2504-03MEDL 10X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF-SLUDGEMEDL

Quant Time: Jun 04 08:06:03 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

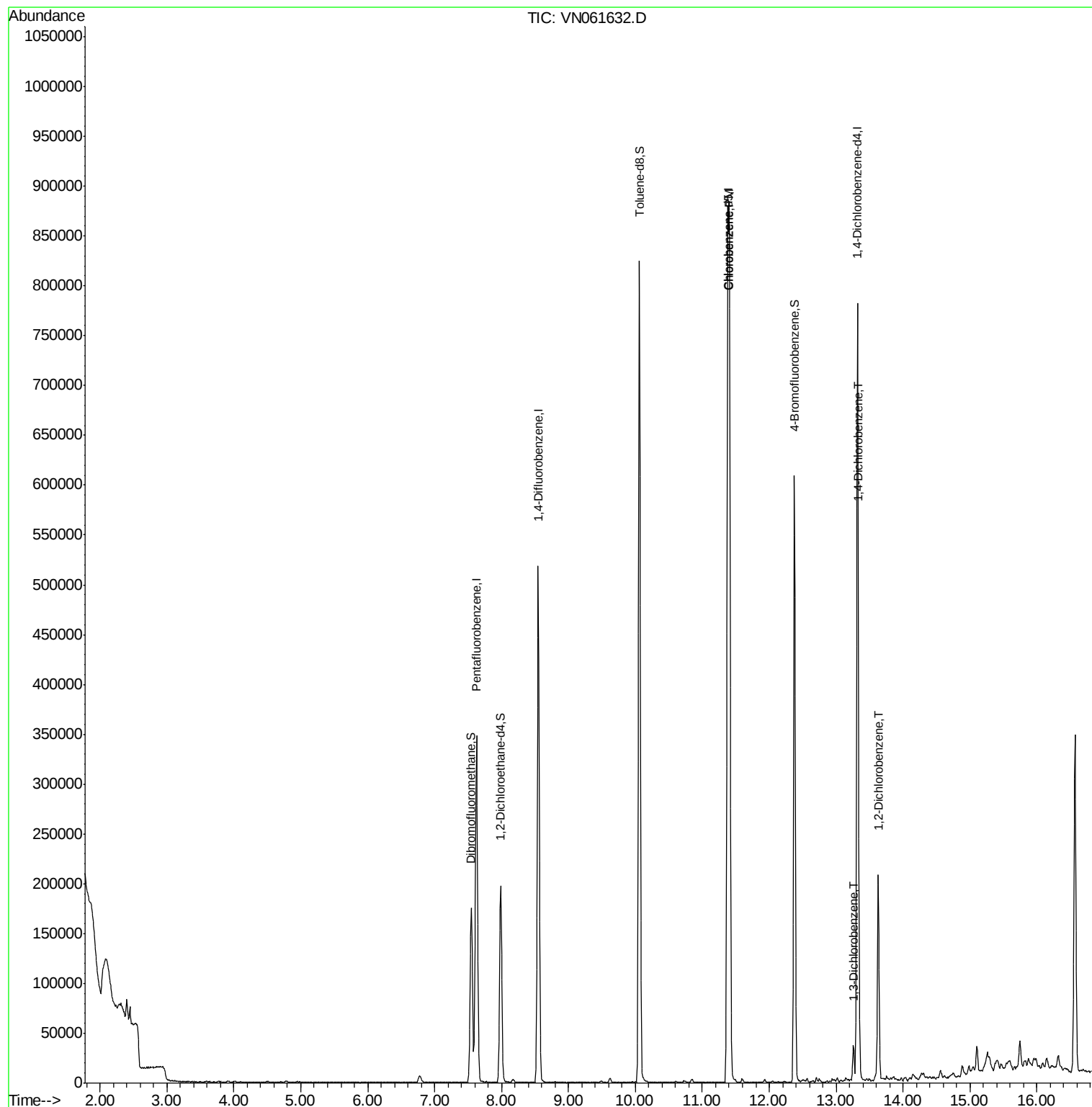
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	294486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	486020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167569	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
35) Dibromofluoromethane	7.55	113	137223	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
50) Toluene-d8	10.06	98	593177	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.38	95	220071	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
Target Compounds						
65) Chlorobenzene	11.41	112	475897	47.107	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	15241	2.143	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	43854	6.053	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	89712	13.200	ug/l	98

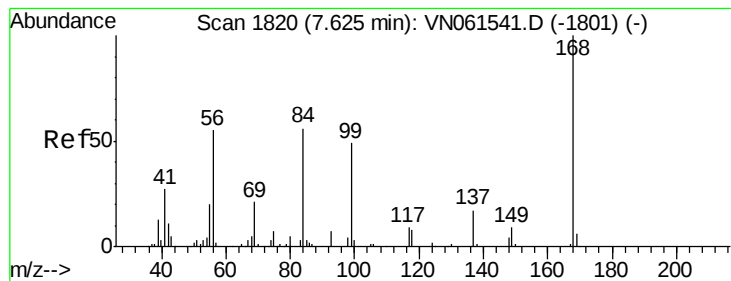
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061632.D

Acq: 3 Jun 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

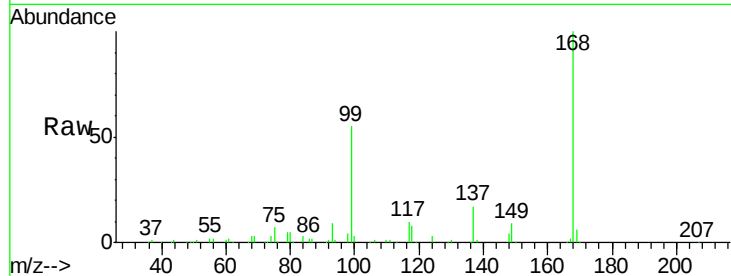
INF-SLUDGEMEDL

Tot Ion:168 Resp: 294486

Ion Ratio Lower Upper

168 100

99 54.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

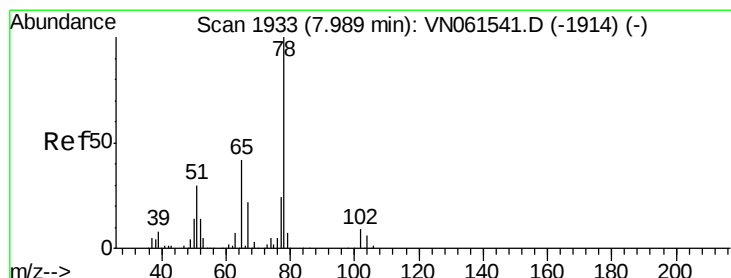
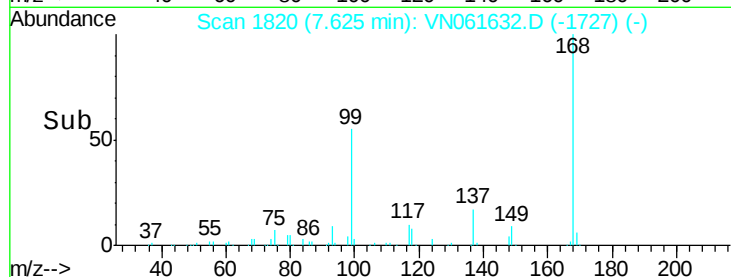
7.63

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.759 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061632.D

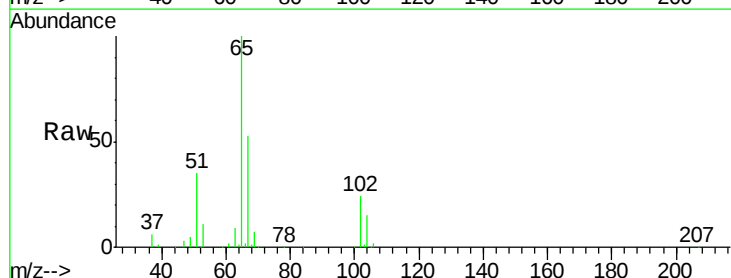
Acq: 3 Jun 2020 12:42

Tgt Ion: 65 Resp: 167569

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

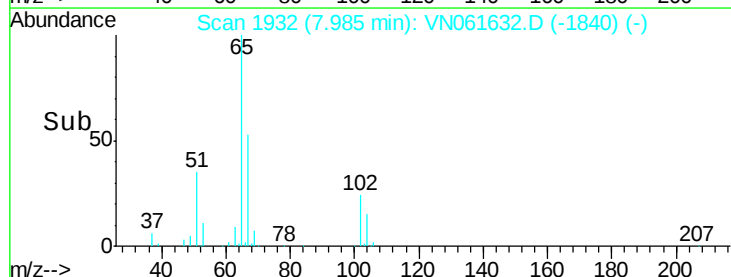
60000

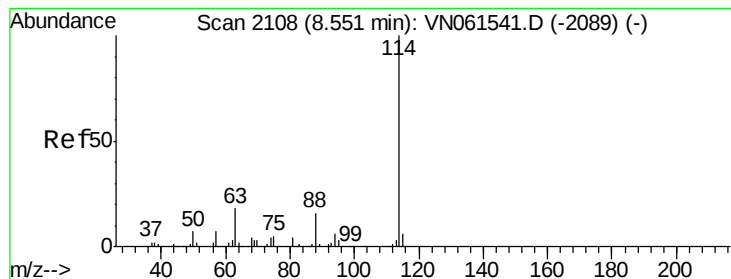
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061632.D

Acq: 3 Jun 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

INF-SLUDGEMEDL

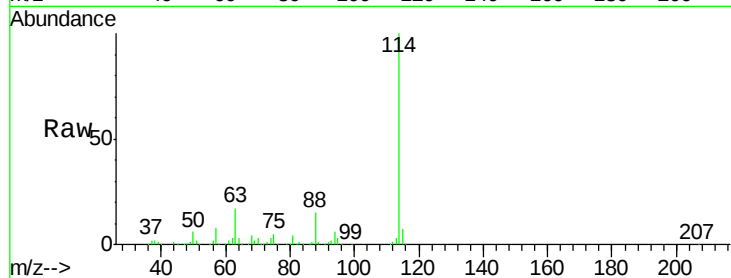
Tot Ion:114 Resp: 497098

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.8

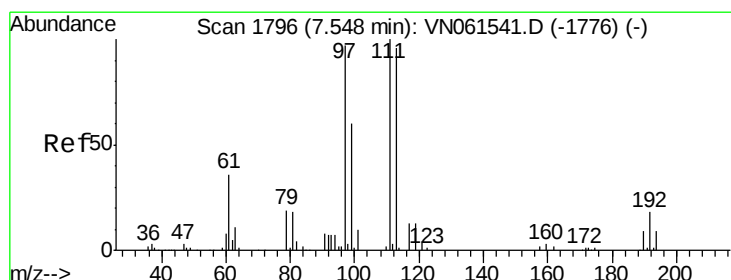
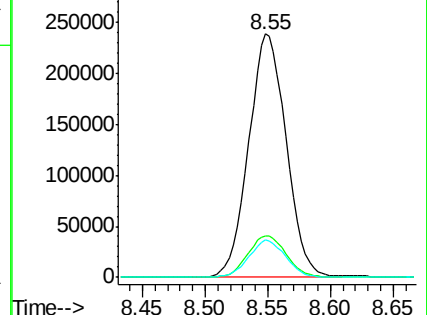
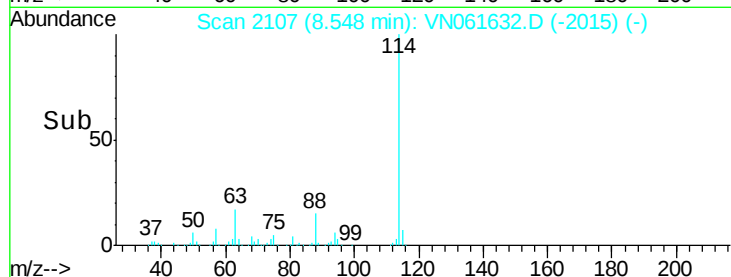
88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 54.417 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061632.D

Acq: 3 Jun 2020 12:42

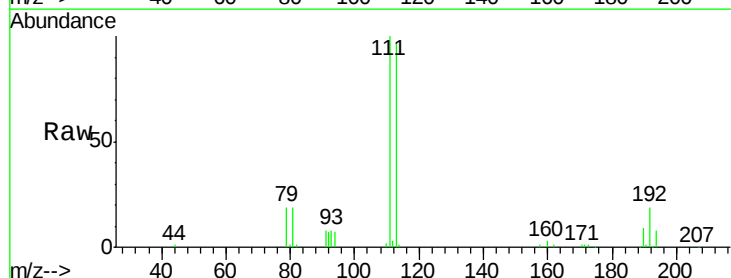
Tgt Ion:113 Resp: 137223

Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.0

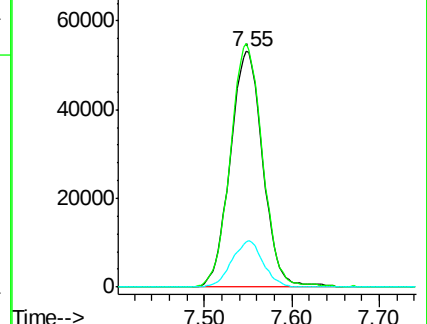
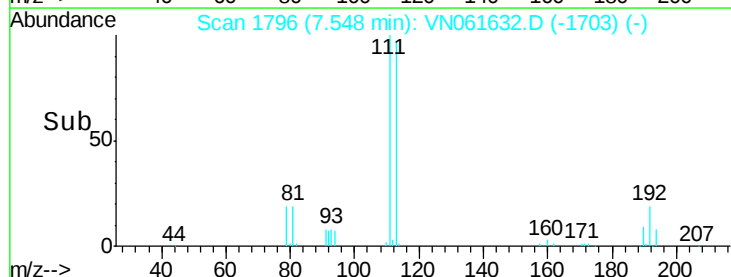
192 18.9 15.4 23.2

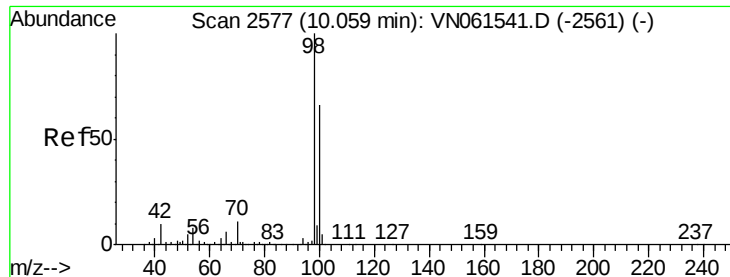


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.760 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061632.D

Acq: 3 Jun 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

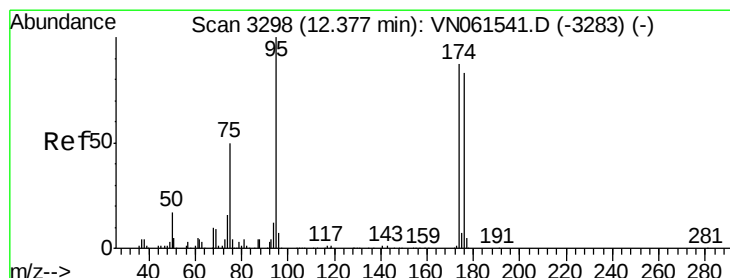
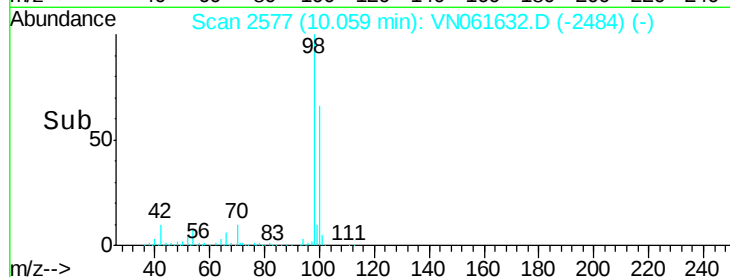
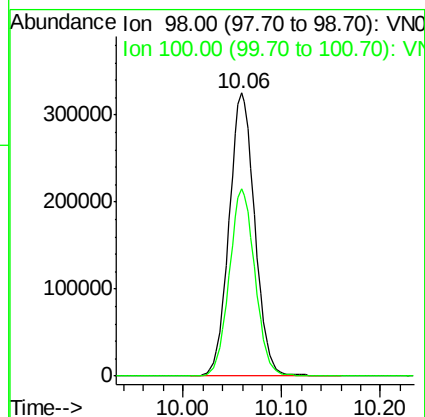
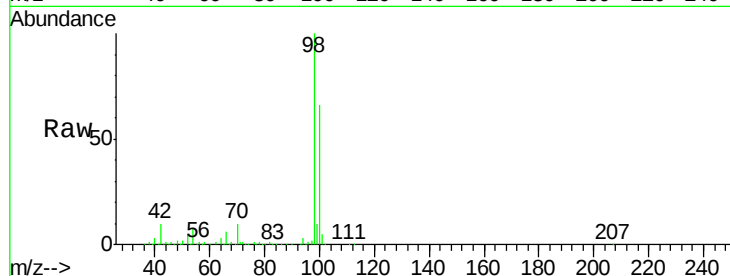
INF-SLUDGEMEDL

Tot Ion: 98 Resp: 593177

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 51.619 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061632.D

Acq: 3 Jun 2020 12:42

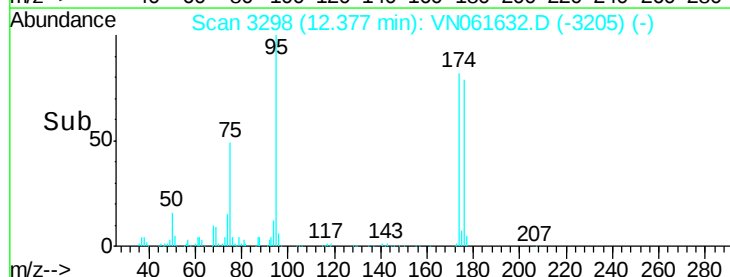
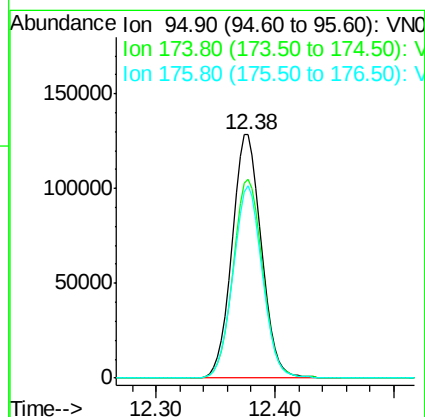
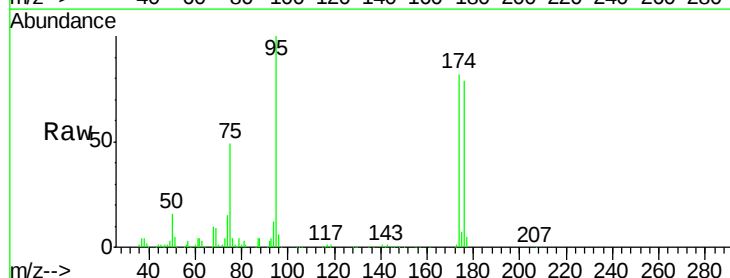
Tgt Ion: 95 Resp: 220071

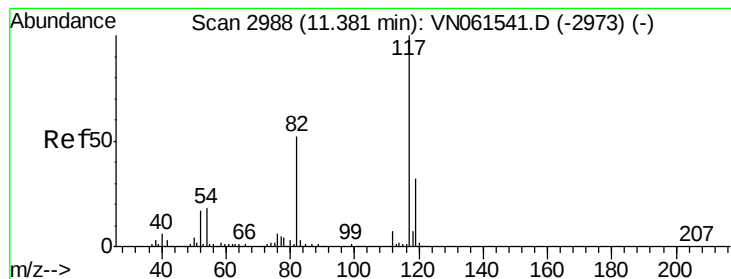
Ion Ratio Lower Upper

95 100

174 82.1 0.0 172.8

176 78.7 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: VN061632.D

Acq: 3 Jun 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

INF-SLUDGEMEDL

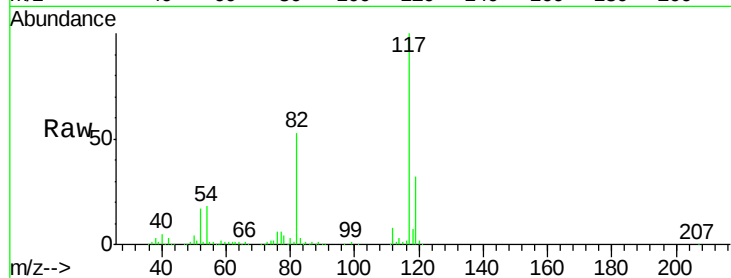
Tot Ion:117 Resp: 486020

Ion Ratio Lower Upper

117 100

82 52.7 41.5 62.3

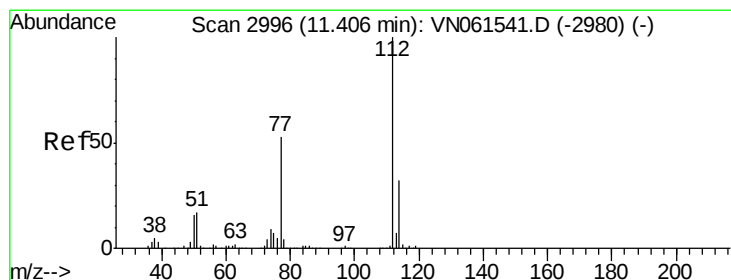
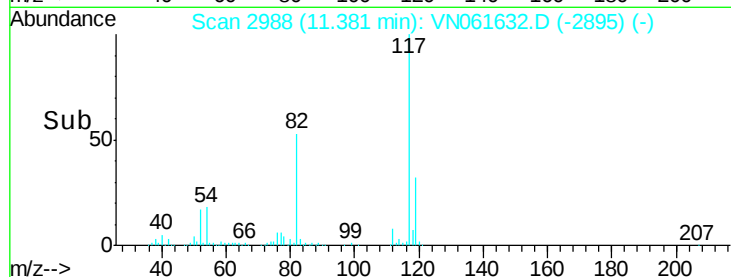
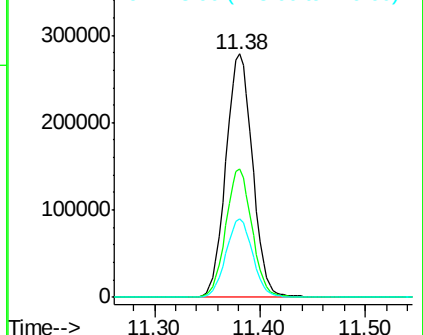
119 32.3 25.6 38.4



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: 47.107 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061632.D

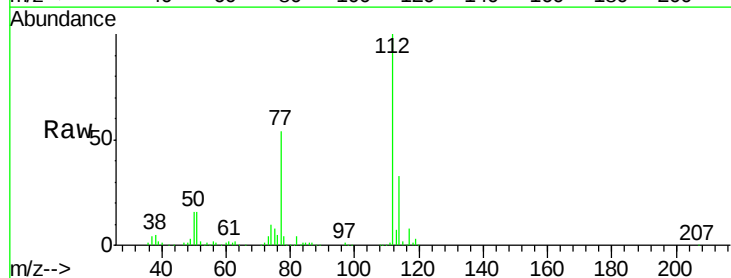
Acq: 3 Jun 2020 12:42

Tgt Ion:112 Resp: 475897

Ion Ratio Lower Upper

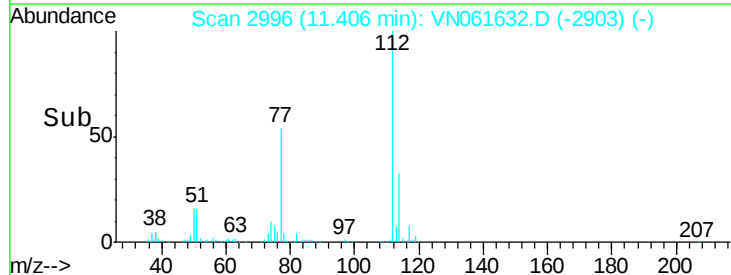
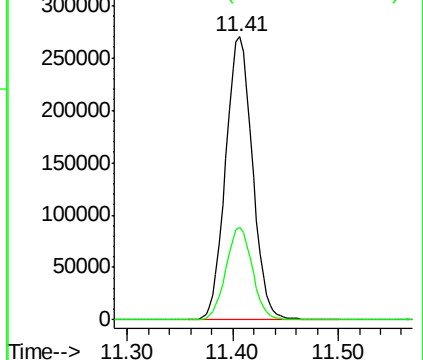
112 100

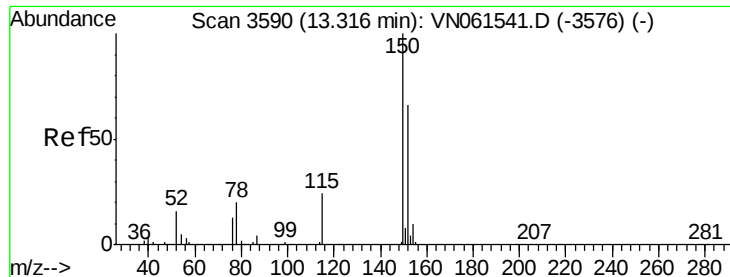
114 32.6 25.7 38.5



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: VN061632.D

Acq: 3 Jun 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

INF-SLUDGEMEDL

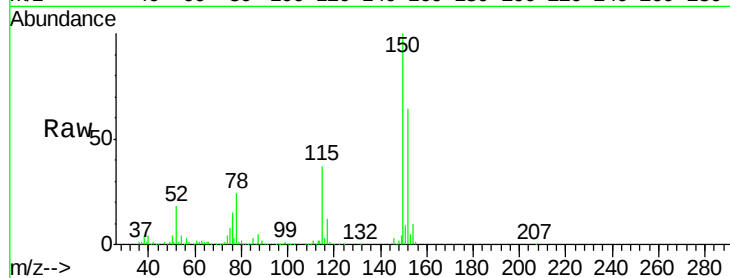
Tot Ion:152 Resp: 215563

Ion Ratio Lower Upper

152 100

115 57.1 28.0 84.0

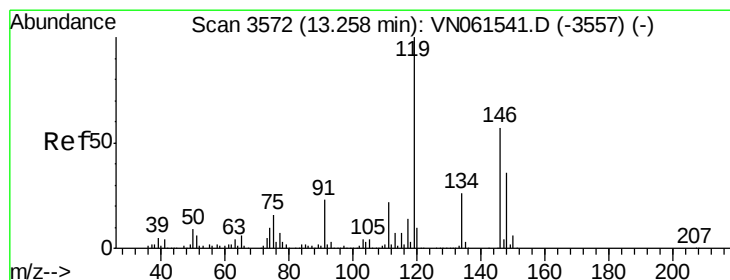
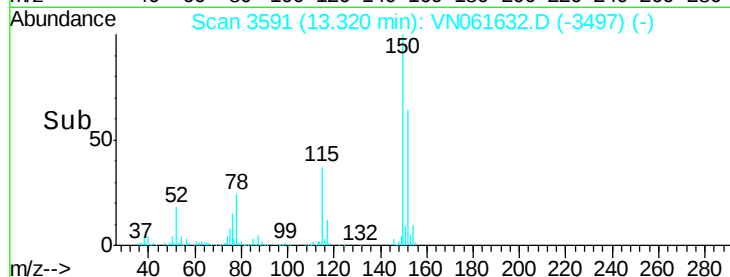
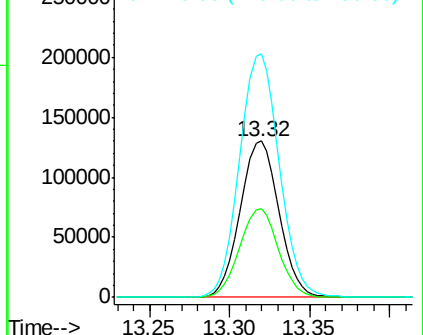
150 158.4 0.0 344.0



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: 2.143 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061632.D

Acq: 3 Jun 2020 12:42

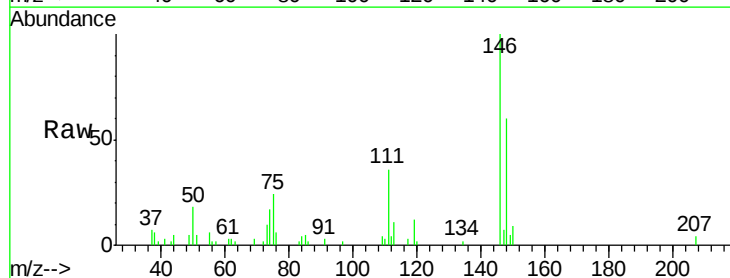
Tgt Ion:146 Resp: 15241

Ion Ratio Lower Upper

146 100

111 40.7 19.2 57.6

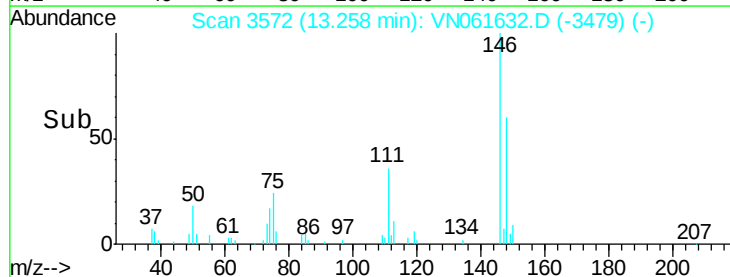
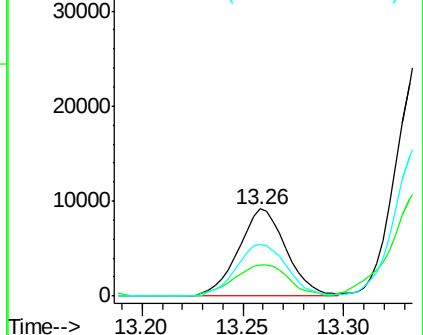
148 62.5 31.7 95.1

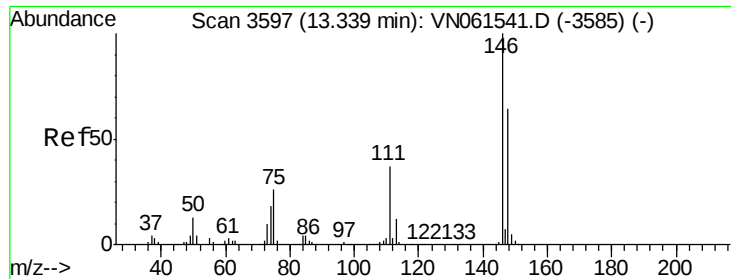


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

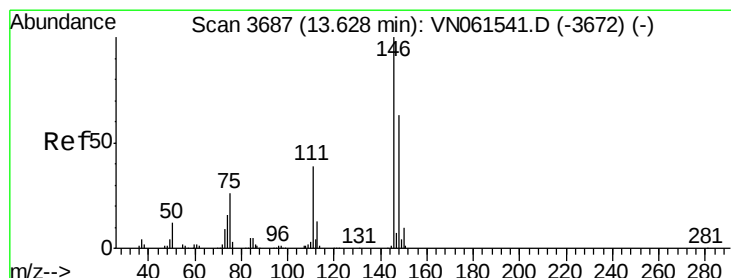
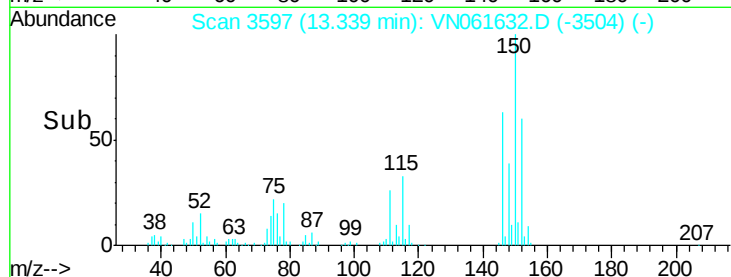
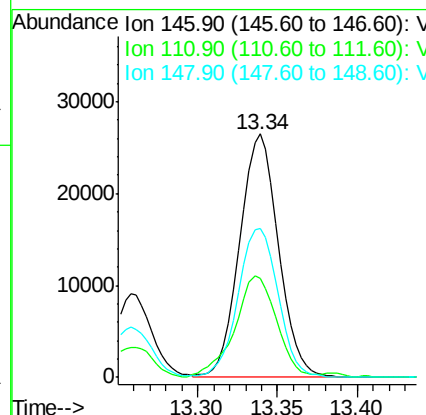
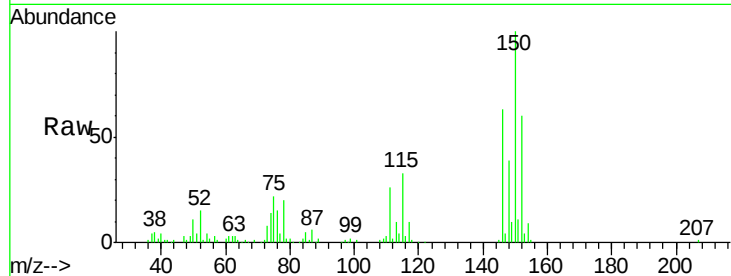




#88
 1,4-Dichlorobenzene
 Concen: 6.053 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061632.D
 Acq: 3 Jun 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 INF-SLUDGEMEDL

Tot Ion:146 Resp: 43854
 Ion Ratio Lower Upper
 146 100
 111 45.0 18.9 56.9
 148 63.1 31.8 95.3



#91
 1,2-Dichlorobenzene
 Concen: 13.200 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061632.D
 Acq: 3 Jun 2020 12:42

Tgt Ion:146 Resp: 89712
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.1 60.2
 148 64.7 31.9 95.5

