

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061638.D
 Acq On : 3 Jun 2020 15:09
 Operator : JC/MD
 Sample : L2837-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1

Quant Time: Jun 04 08:19:40 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

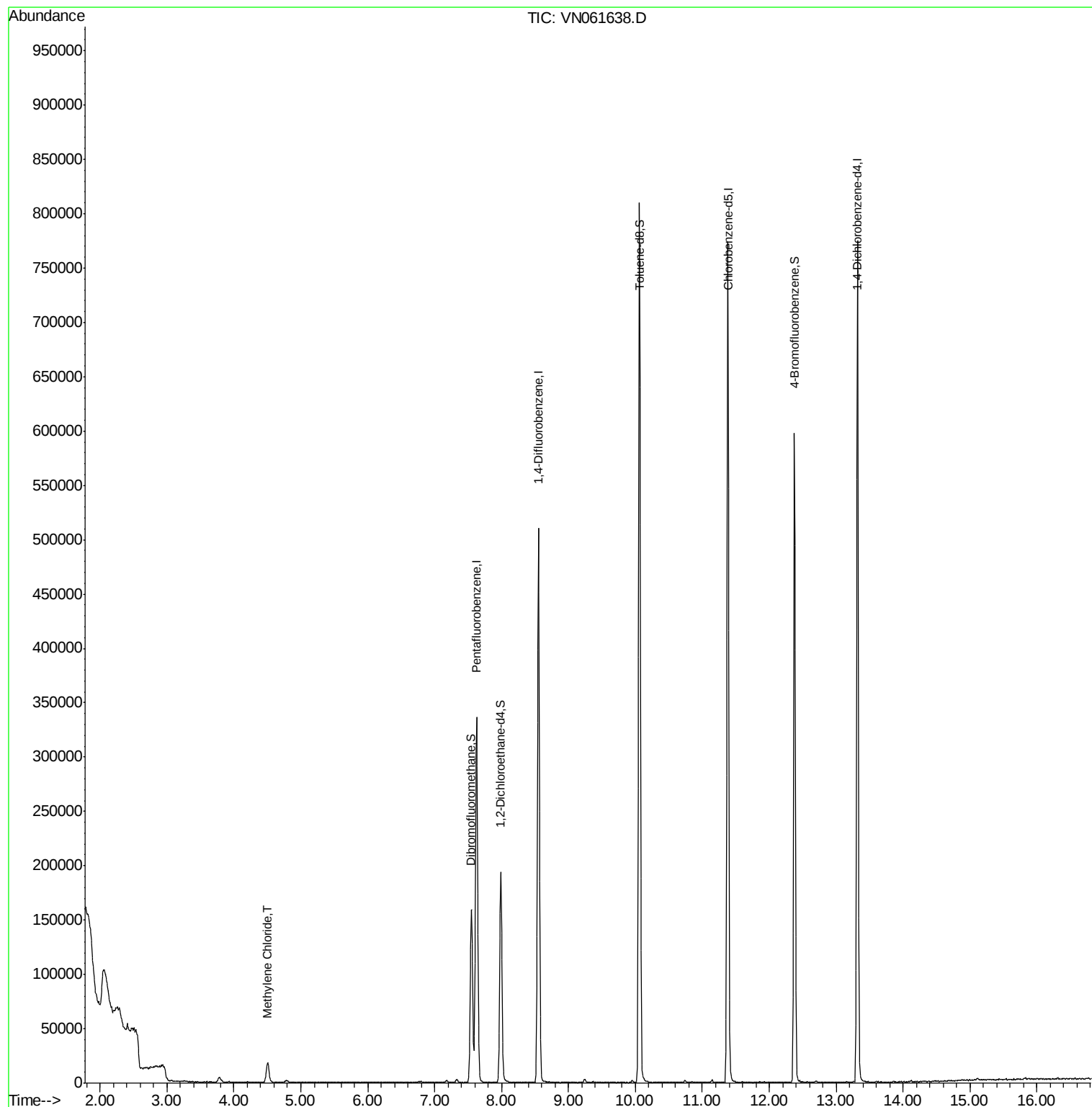
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	281454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	477097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	163292	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	7.55	113	122953	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	588880	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.38	95	215298	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
Target Compounds						
20) Methylene Chloride	4.51	84	14802	3.229	ug/l	Qvalue 97

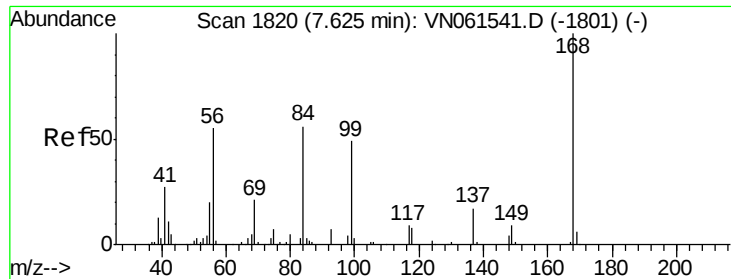
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060320\
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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# 1821

Delta R.T. 0.00 min

Lab File: VN061638.D

Acq: 3 Jun 2020 15:09

Instrument :

MSVOA_N

ClientSampled :

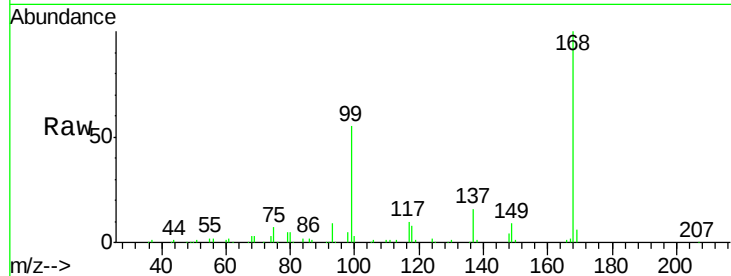
SP-1

Tot Ion:168 Resp: 281454

Ion Ratio Lower Upper

168 100

99 54.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

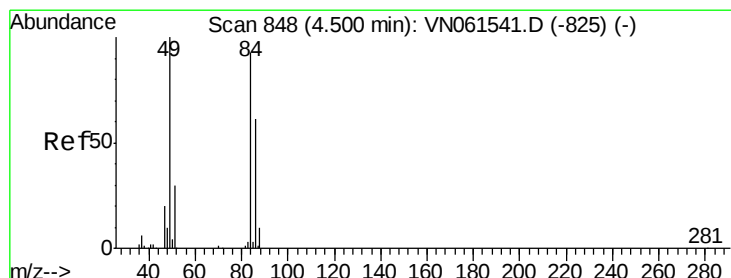
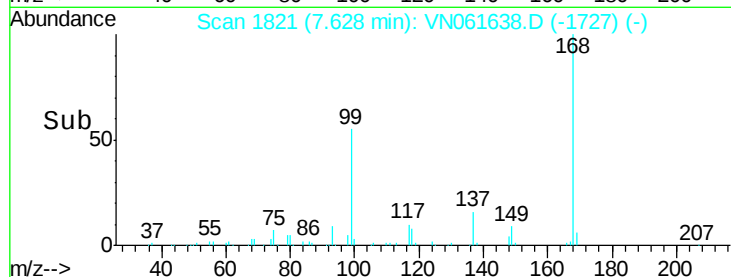
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 3.229 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN061638.D

Acq: 3 Jun 2020 15:09

Tgt Ion: 84 Resp: 14802

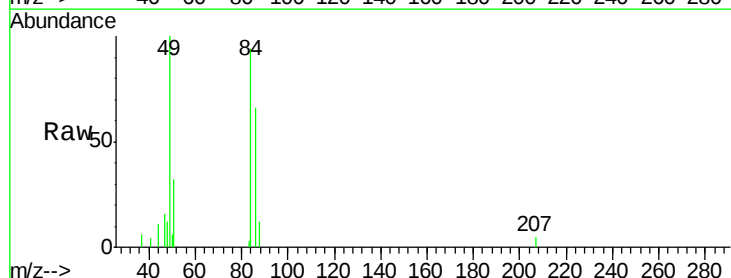
Ion Ratio Lower Upper

84 100

49 106.2 85.8 128.8

51 34.1 26.2 39.2

86 70.6 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.51

8000

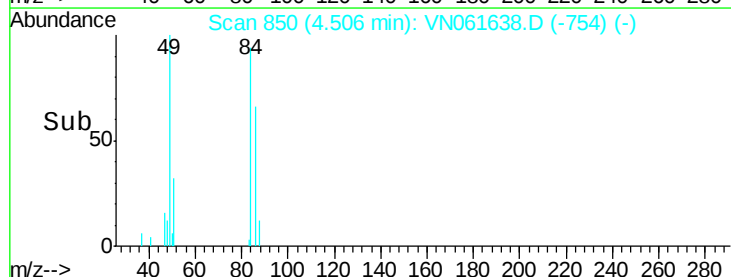
6000

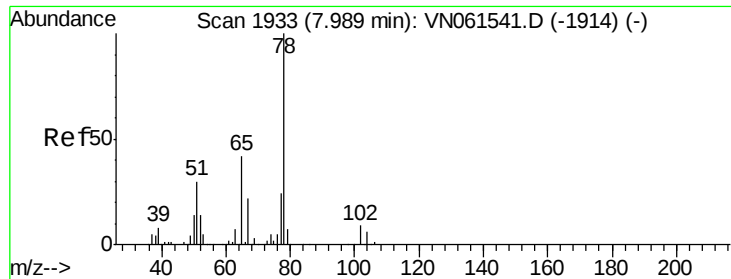
4000

2000

0

Time--> 4.40 4.45 4.50 4.55 4.60

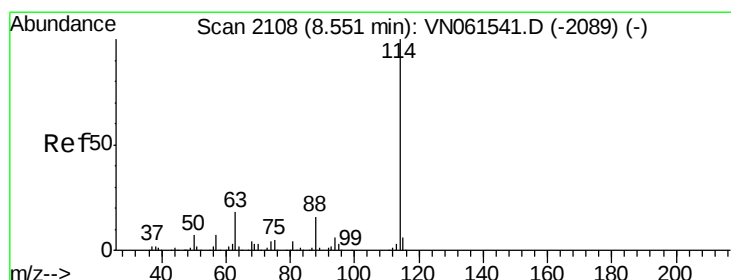
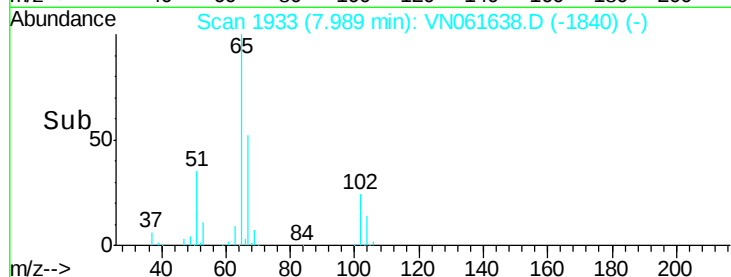
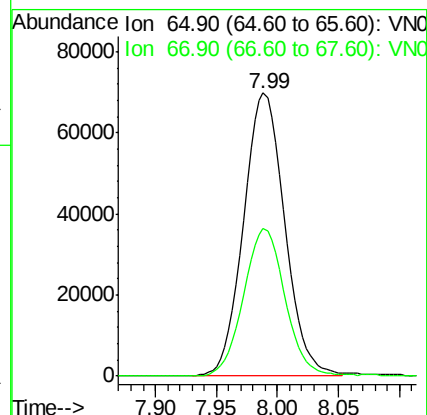
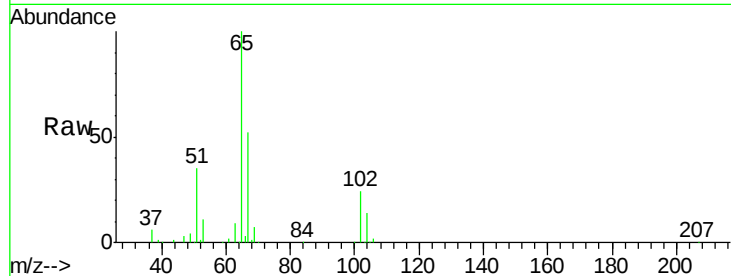




#33
 1,2-Dichloroethane-d4
 Concen: 48.695 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061638.D
 Acq: 3 Jun 2020 15:09

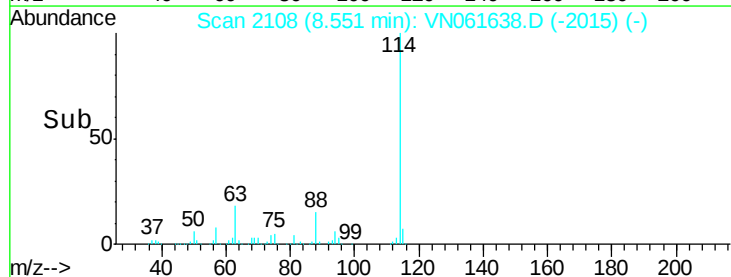
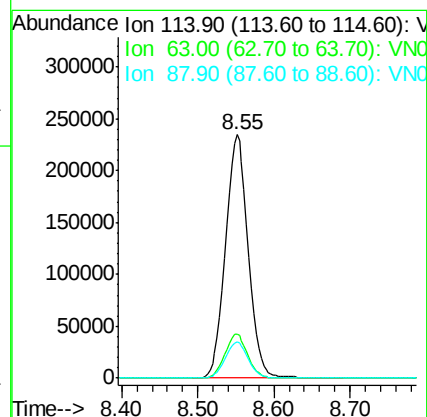
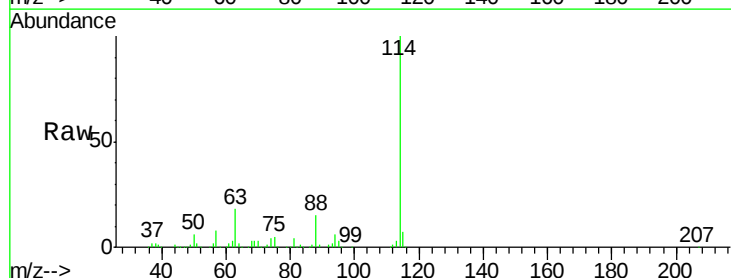
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1

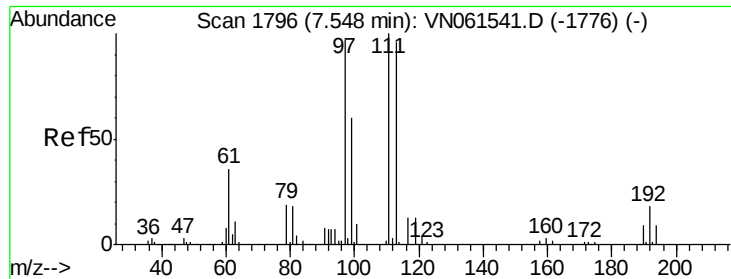
Tot Ion: 65 Resp: 163292
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061638.D
 Acq: 3 Jun 2020 15:09

Tgt Ion: 114 Resp: 487226
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.8
 88 15.0 0.0 31.0

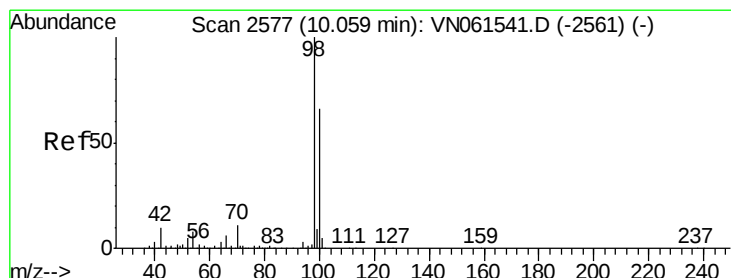
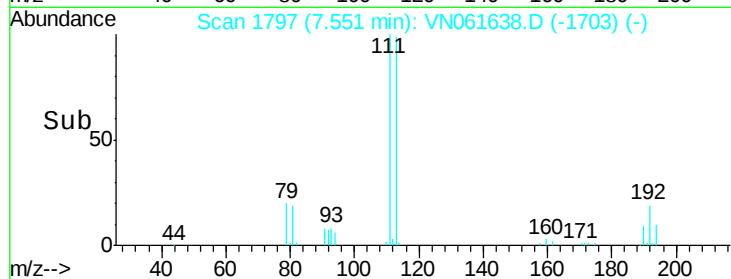
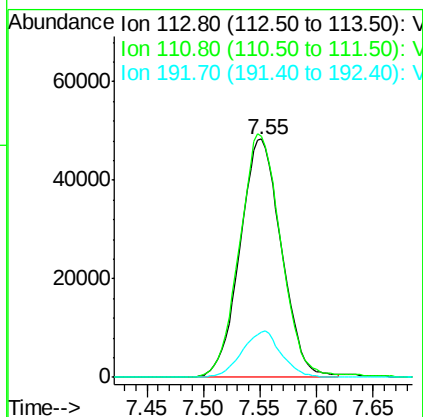
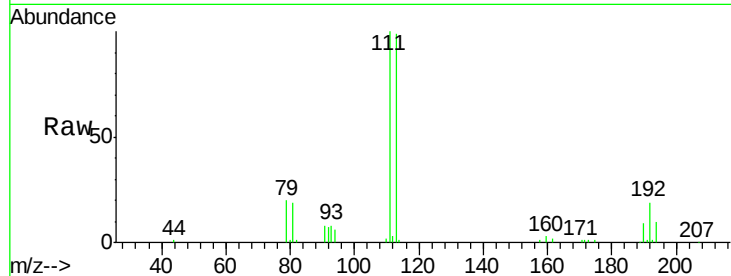




#35
 Dibromofluoromethane
 Concen: 49.746 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061638.D
 Acq: 3 Jun 2020 15:09

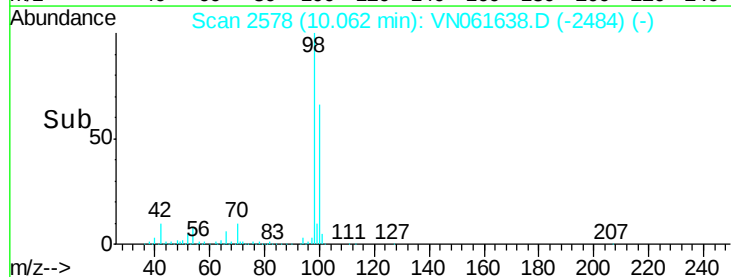
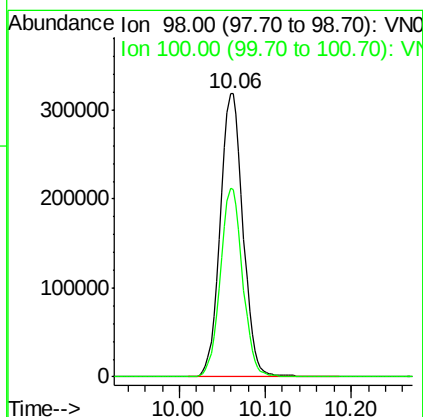
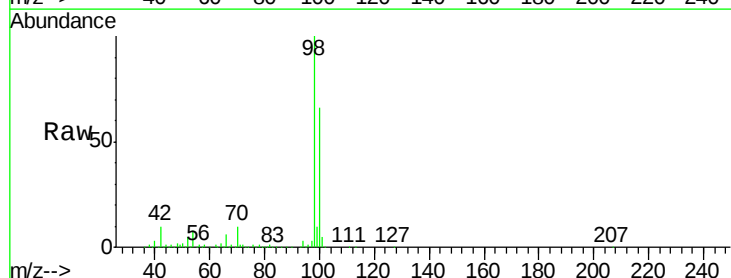
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1

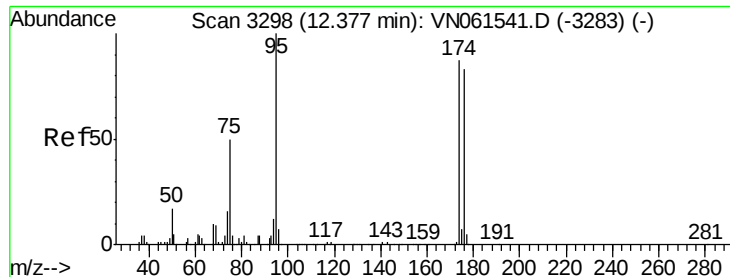
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.0
192	18.5	15.4	23.2



#50
 Toluene-d8
 Concen: 51.414 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN061638.D
 Acq: 3 Jun 2020 15:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 51.522 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061638.D

Acq: 3 Jun 2020 15:09

Instrument :

MSVOA_N

ClientSampleId :

SP-1

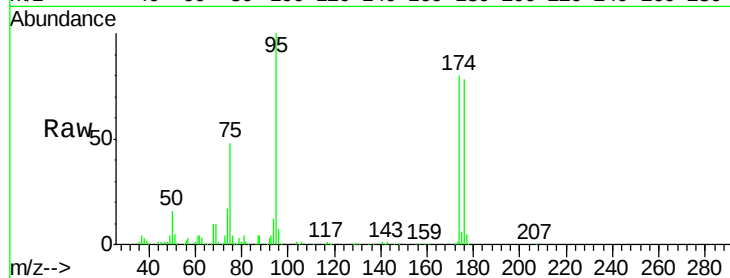
Tot Ion: 95 Resp: 215298

Ion Ratio Lower Upper

95 100

174 81.0 0.0 172.8

176 77.8 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)

12.38

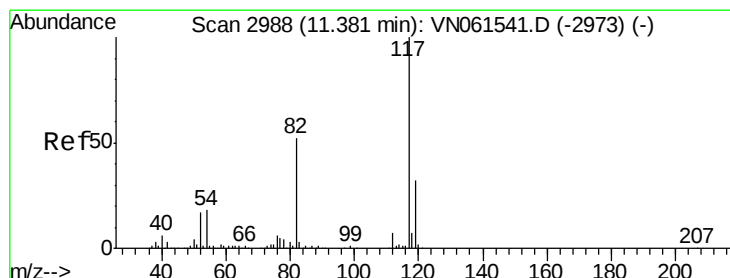
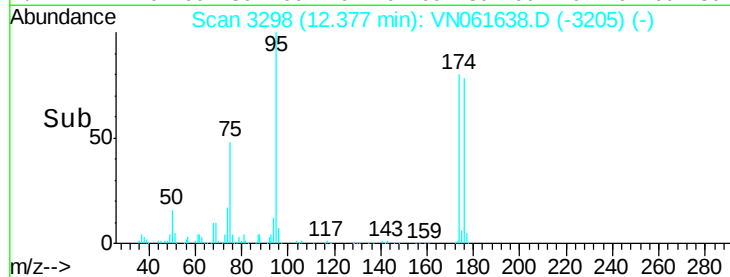
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061638.D

Acq: 3 Jun 2020 15:09

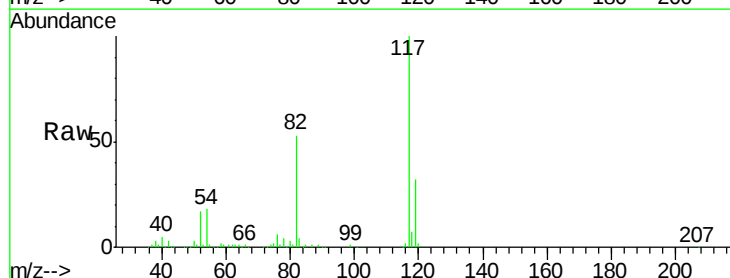
Tgt Ion: 117 Resp: 477097

Ion Ratio Lower Upper

117 100

82 53.0 41.5 62.3

119 31.9 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)

11.38

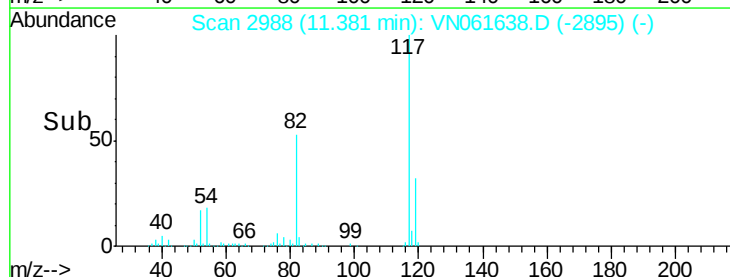
300000

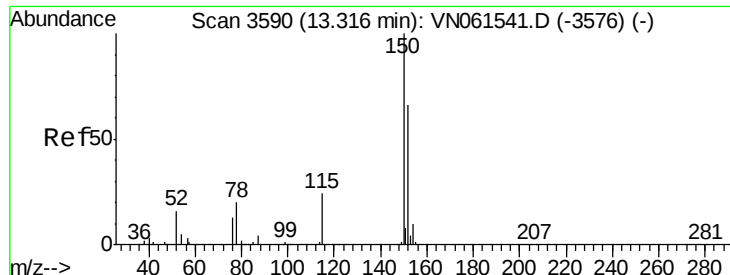
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061638.D

Acq: 3 Jun 2020 15:09

Instrument :

MSVOA_N

ClientSampleId :

SP-1

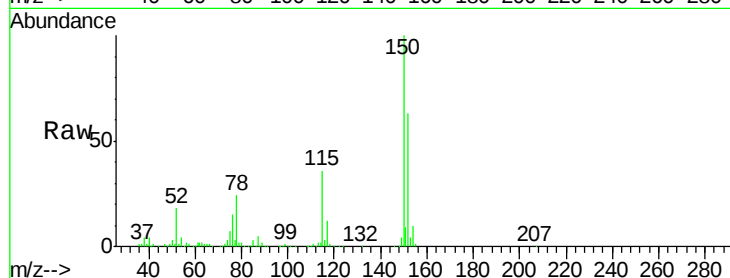
Tot Ion:152 Resp: 213945

Ion Ratio Lower Upper

152 100

115 58.0 28.0 84.0

150 159.6 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

