

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061515.D
 Acq On : 20 May 2020 20:57
 Operator : JC/MD
 Sample : L2497-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-051920

Quant Time: May 21 02:57:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

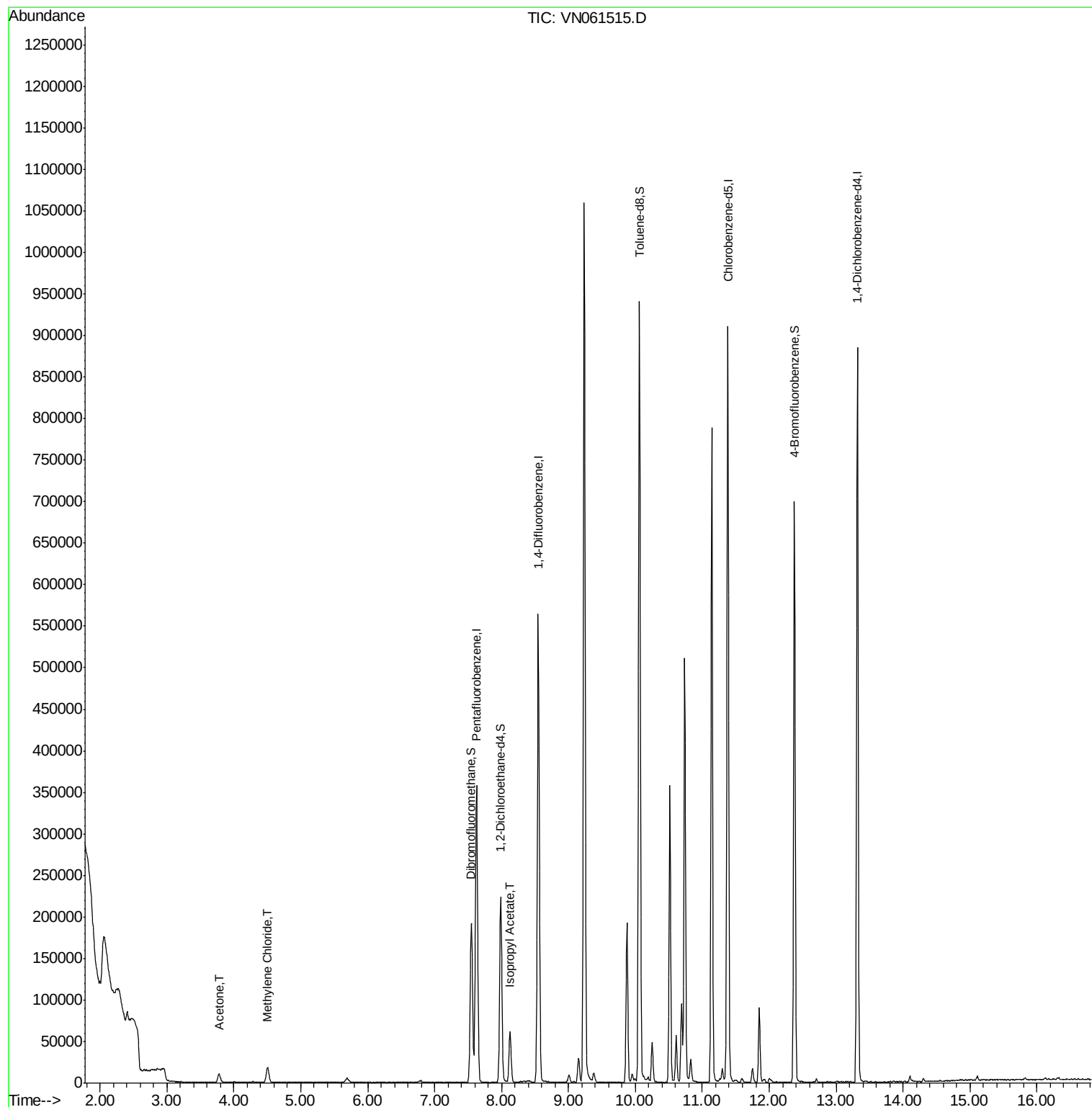
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	286513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	522943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	529558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	235872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	193099	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
35) Dibromofluoromethane	7.55	113	150530	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
50) Toluene-d8	10.06	98	658536	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.37	95	256731	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
Target Compounds						
16) Acetone	3.78	43	17846	5.105	ug/l	97
20) Methylene Chloride	4.51	84	14460	4.115	ug/l	94
43) Isopropyl Acetate	8.13	43	71344	9.224	ug/l #	90

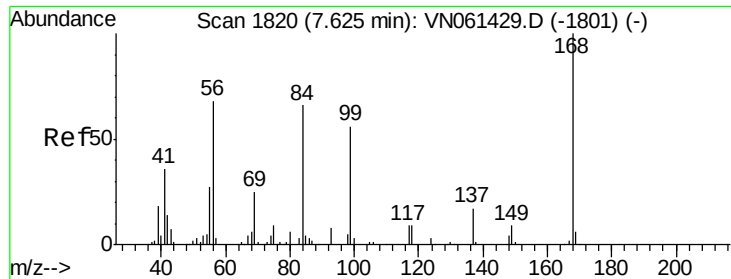
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 18 13:09:55 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: VN061515.D

Acq: 20 May 2020 20:57

Instrument :

MSVOA_N

ClientSampled :

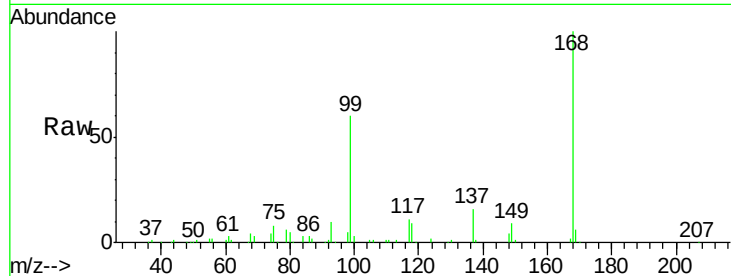
HD-02-051920

Tot Ion:168 Resp: 286513

Ion Ratio Lower Upper

168 100

99 60.4 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): VN061515.D (-529) (-)

Ion 98.90 (98.60 to 99.60): VN061515.D (-529) (-)

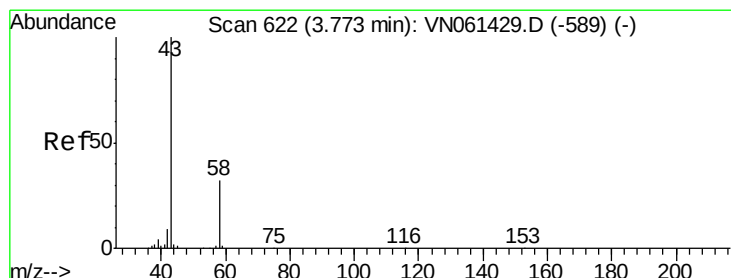
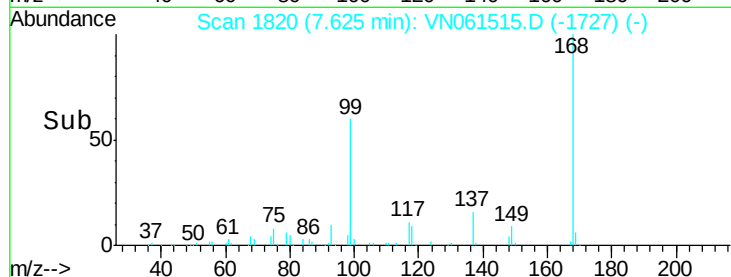
7.63

100000

50000

0

Time-->



#16

Acetone

Concen: 5.105 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061515.D

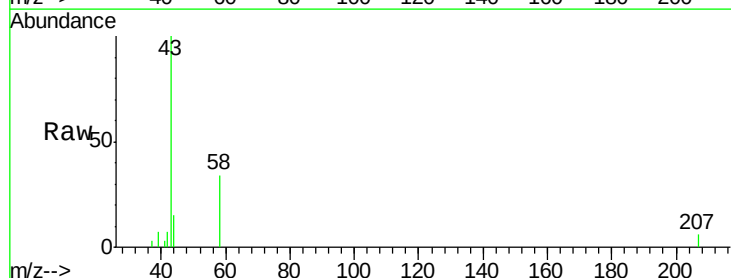
Acq: 20 May 2020 20:57

Tgt Ion: 43 Resp: 17846

Ion Ratio Lower Upper

43 100

58 33.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN061515.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061515.D (-529) (-)

3.78

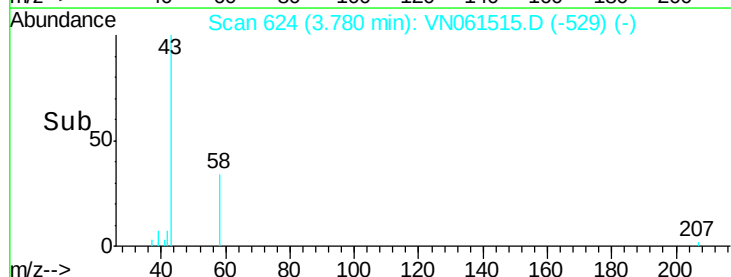
6000

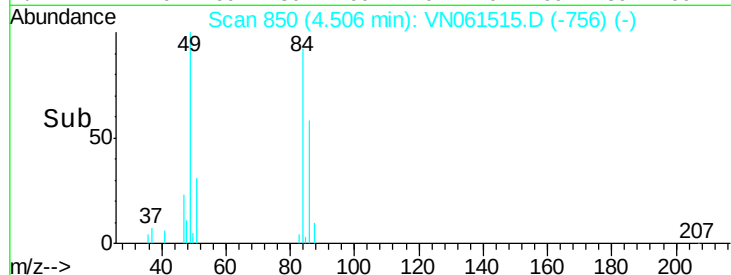
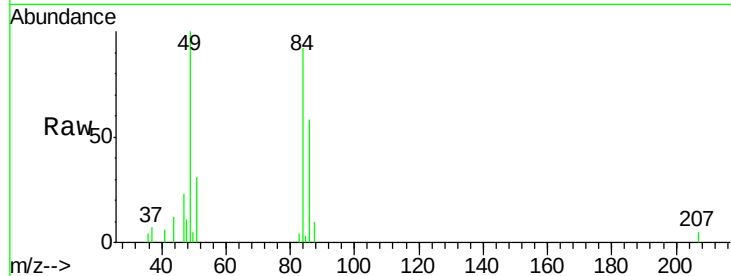
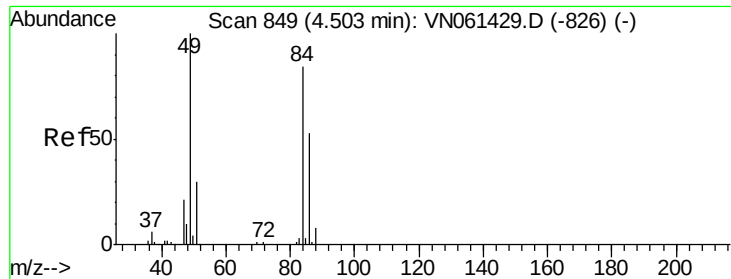
4000

2000

0

Time-->

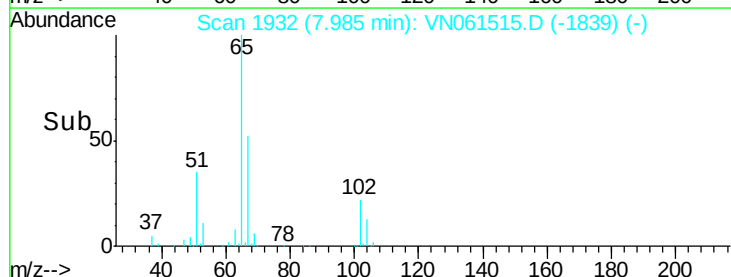
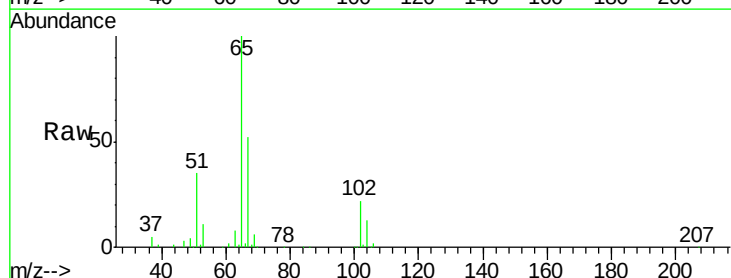
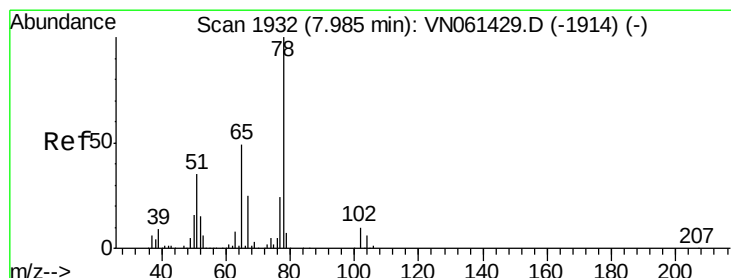
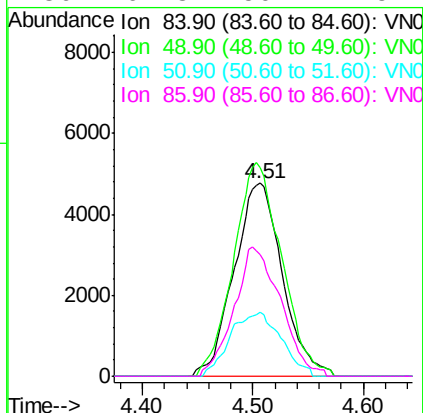




#20
Methylene Chloride
Concen: 4.115 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061515.D
Acq: 20 May 2020 20:57

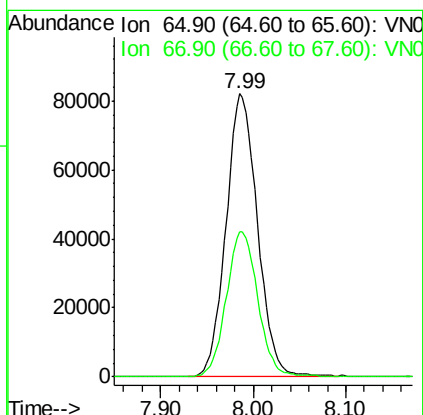
Instrument :
MSVOA_N
ClientSampleId :
HD-02-051920

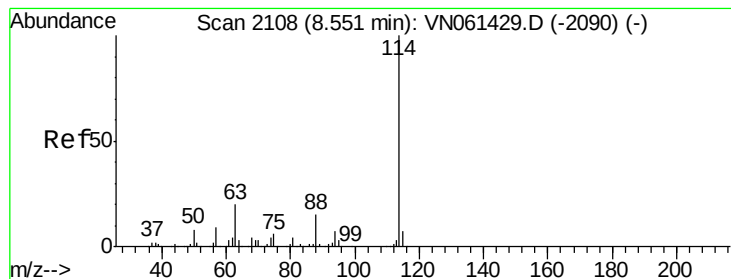
Tot Ion:	84	Resp:	14460
Ion	Ratio	Lower	Upper
84	100		
49	108.1	95.3	142.9
51	33.1	29.0	43.6
86	62.8	50.2	75.2



#33
1,2-Dichloroethane-d4
Concen: 45.158 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN061515.D
Acq: 20 May 2020 20:57

Tgt Ion:	65	Resp:	193099
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061515.D

Acq: 20 May 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

HD-02-051920

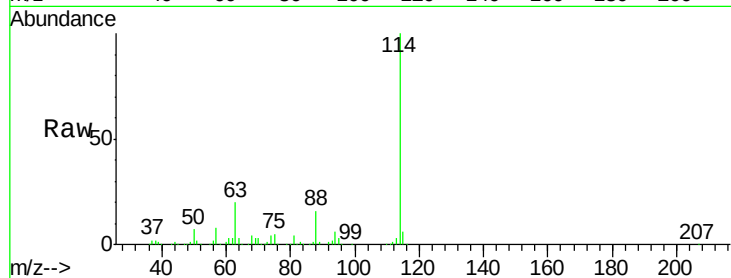
Tot Ion:114 Resp: 522943

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

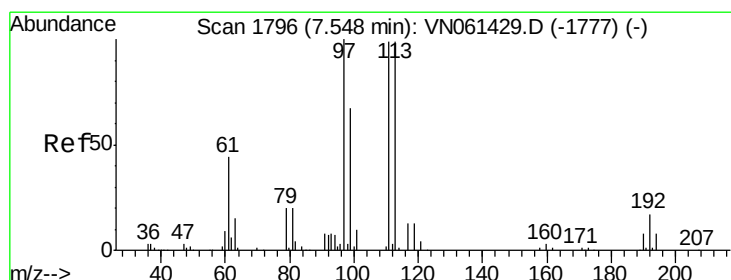
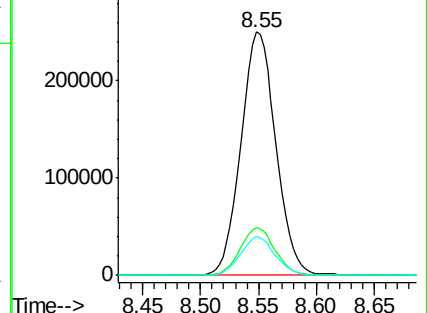
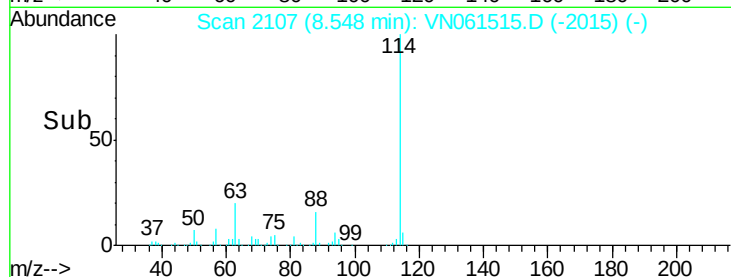
88 15.7 0.0 30.8



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: 54.947 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061515.D

Acq: 20 May 2020 20:57

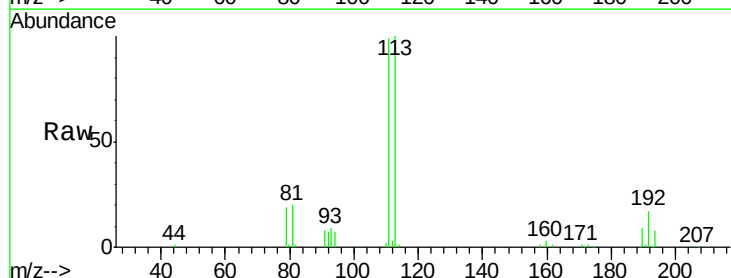
Tgt Ion:113 Resp: 150530

Ion Ratio Lower Upper

113 100

111 101.9 80.6 121.0

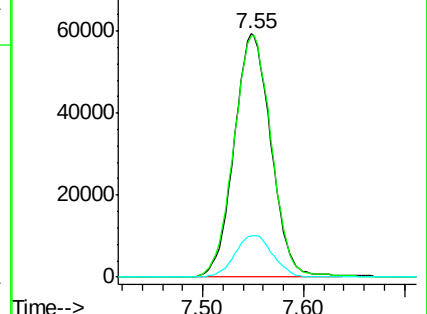
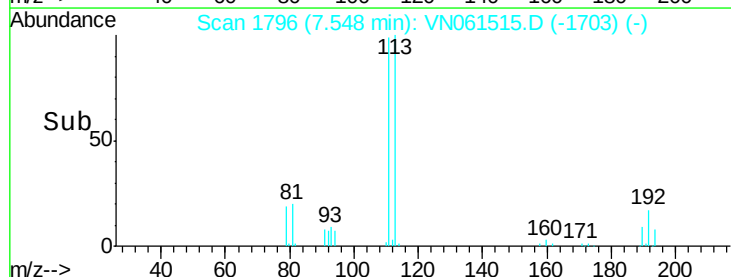
192 17.7 13.2 19.8

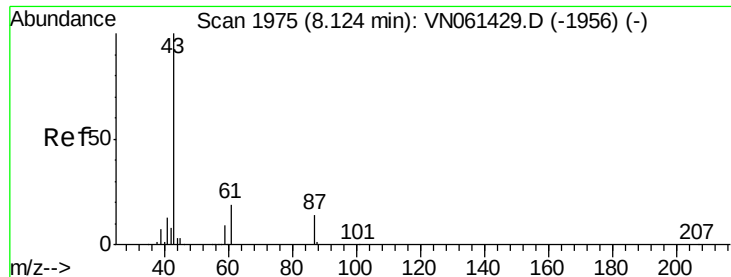


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.224 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061515.D

Acq: 20 May 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

HD-02-051920

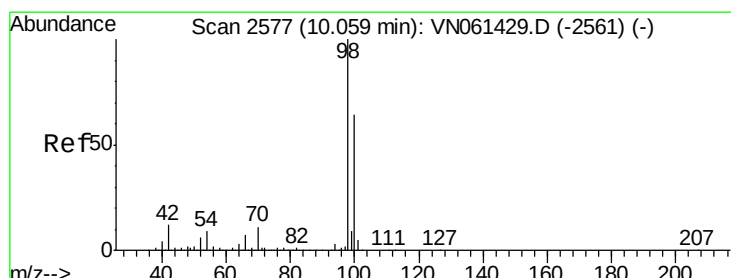
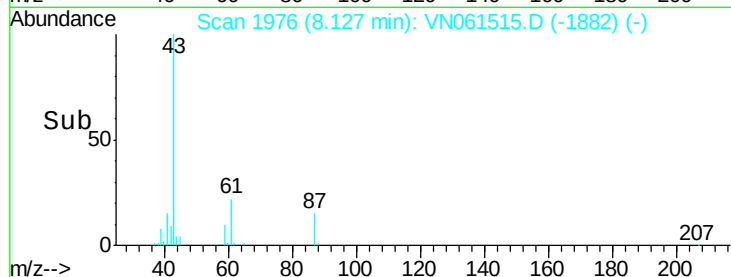
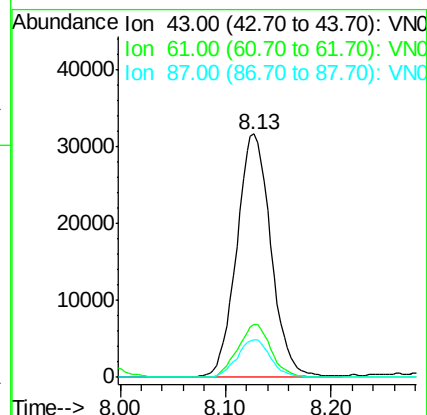
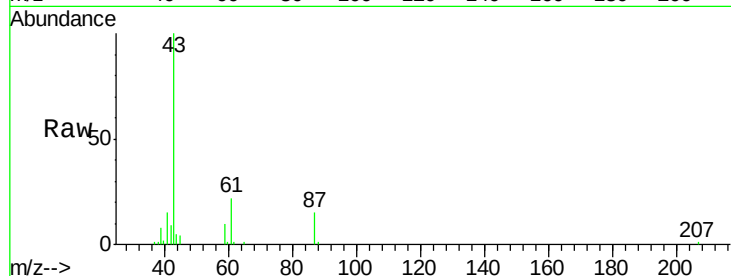
Tot Ion: 43 Resp: 71344

Ion Ratio Lower Upper

43 100

61 20.9 23.0 34.4#

87 15.0 11.6 17.4



#50

Toluene-d8

Concen: 51.826 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061515.D

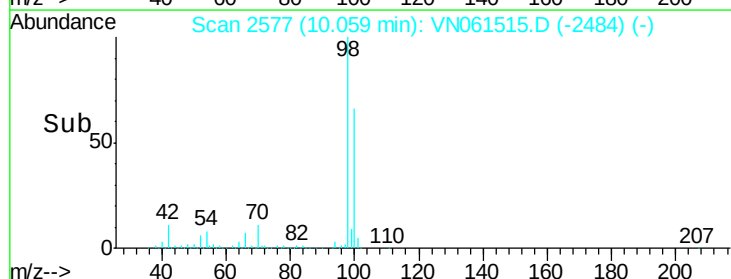
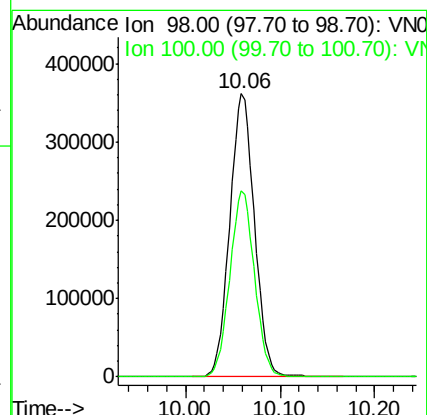
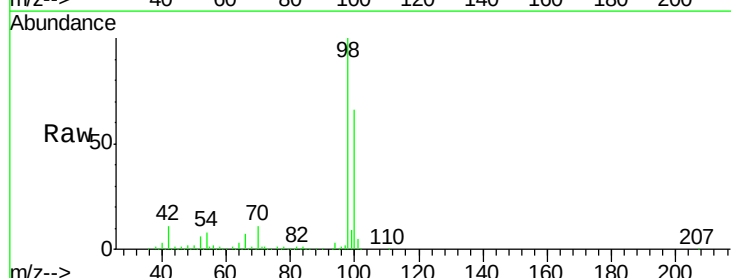
Acq: 20 May 2020 20:57

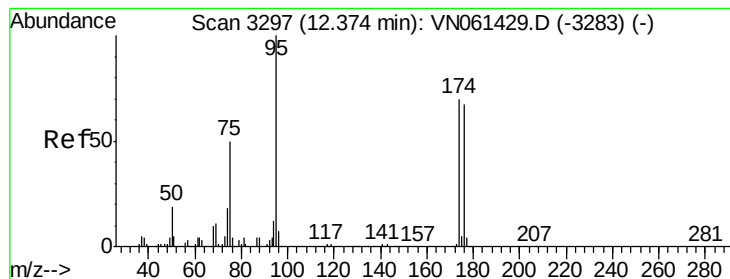
Tgt Ion: 98 Resp: 658536

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 54.079 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061515.D

Acq: 20 May 2020 20:57

Instrument :

MSVOA_N

ClientSampled :

HD-02-051920

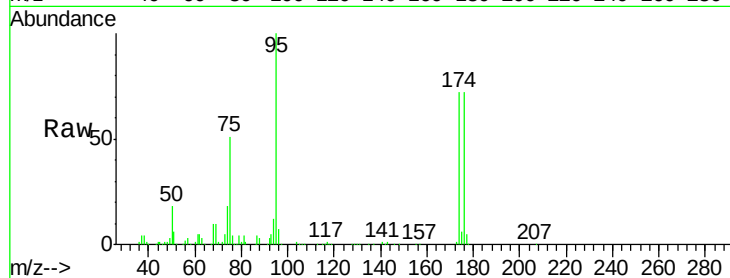
Tot Ion: 95 Resp: 256731

Ion Ratio Lower Upper

95 100

174 73.4 0.0 141.2

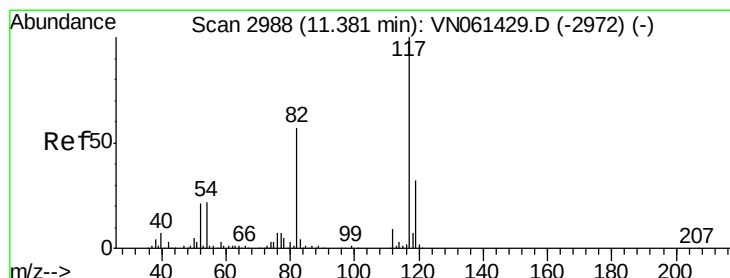
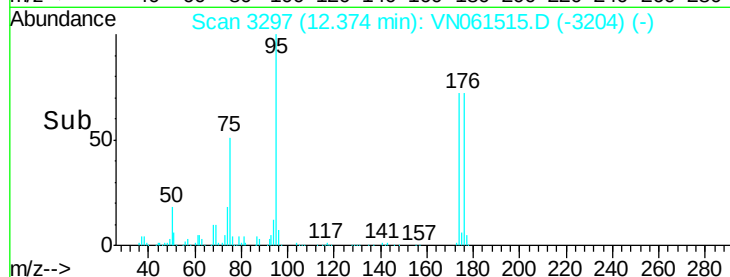
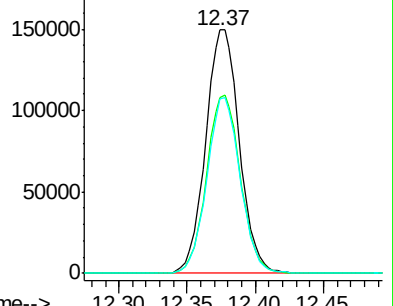
176 71.3 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061515.D

Acq: 20 May 2020 20:57

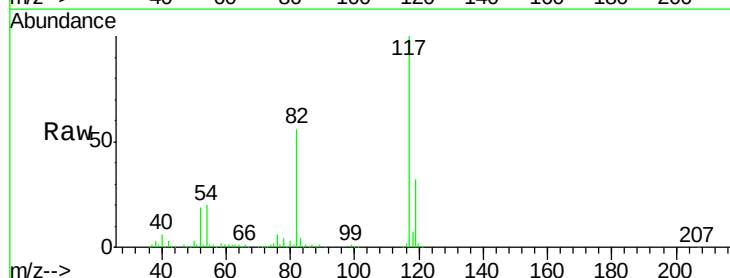
Tgt Ion: 117 Resp: 529558

Ion Ratio Lower Upper

117 100

82 55.6 45.2 67.8

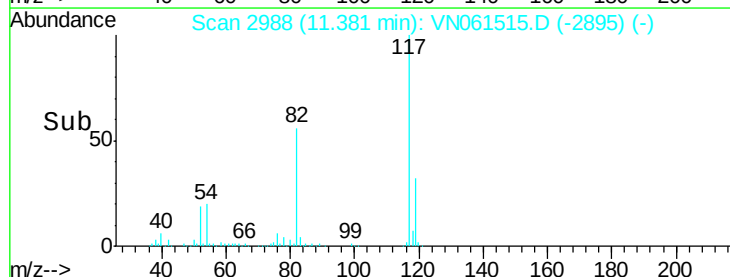
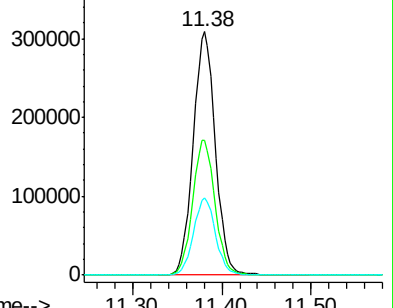
119 31.7 25.3 37.9

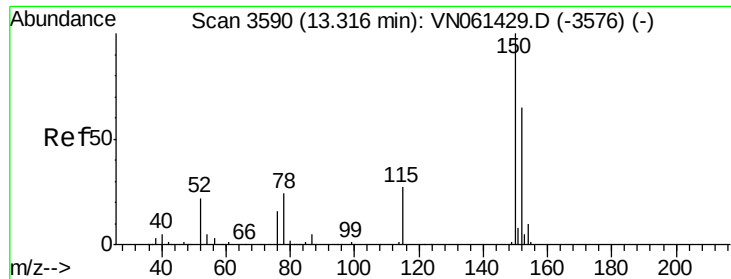


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061515.D

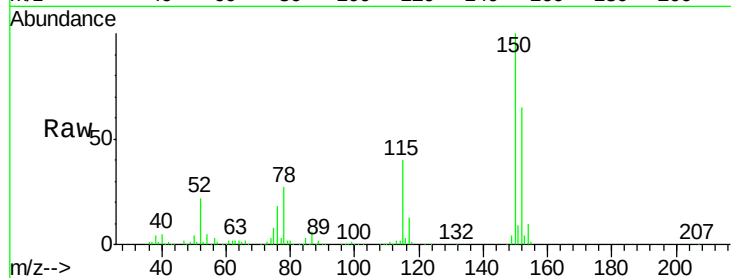
Acq: 20 May 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

HD-02-051920



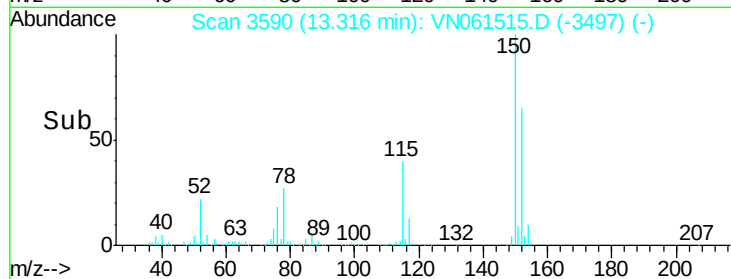
Tot Ion:152 Resp: 235872

Ion Ratio Lower Upper

152 100

115 60.5 30.9 92.5

150 155.8 0.0 349.2



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

