

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064915.D
 Acq On : 4 Dec 2020 13:40
 Operator : JC/MD
 Sample : L4936-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-214

Quant Time: Dec 05 02:11:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	175906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	330586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	148016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106768	52.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	104.42%	
35) Dibromofluoromethane	7.55	113	96962	52.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	105.42%	
50) Toluene-d8	10.06	98	394312	52.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.38	95	156722	58.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	116.52%	

Target Compounds

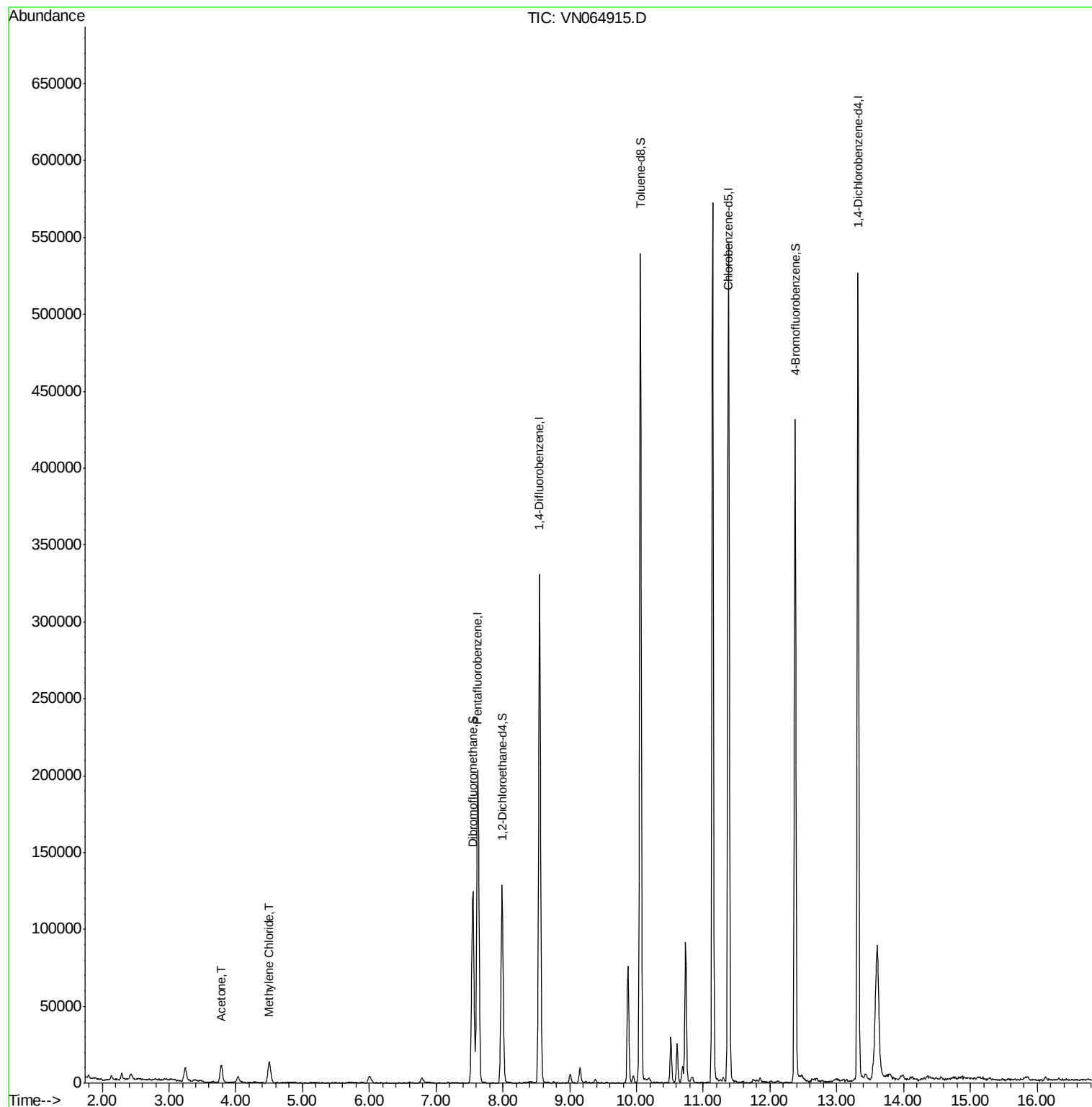
					Qvalue
16) Acetone	3.78	43	20451	30.421 ug/l	99
20) Methylene Chloride	4.50	84	10888	5.169 ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064915.D

Acq: 4 Dec 2020 13:40

Instrument :

MSVOA_N

ClientSampled :

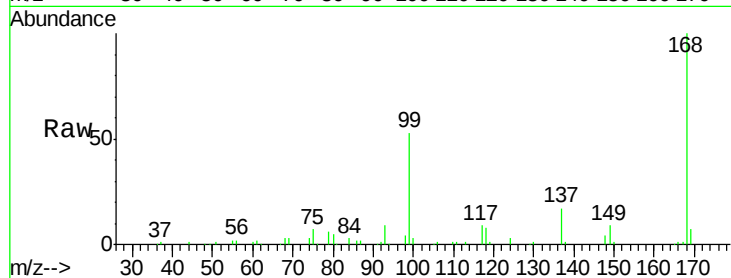
VNJ-214

Tot Ion:168 Resp: 175906

Ion Ratio Lower Upper

168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

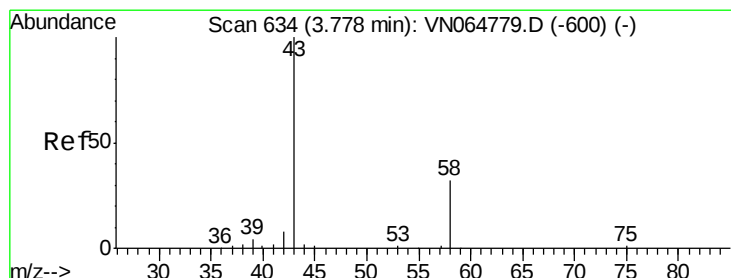
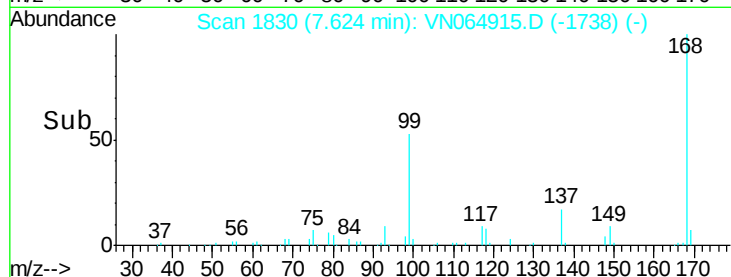
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 30.421 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064915.D

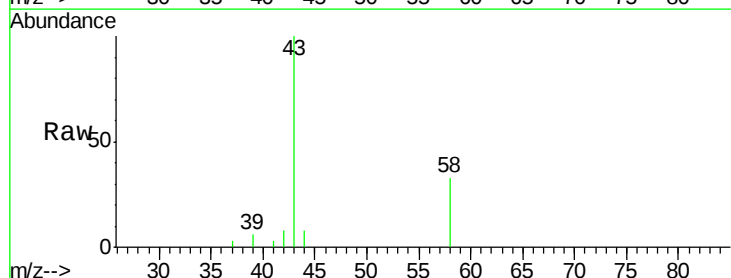
Acq: 4 Dec 2020 13:40

Tgt Ion: 43 Resp: 20451

Ion Ratio Lower Upper

43 100

58 32.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

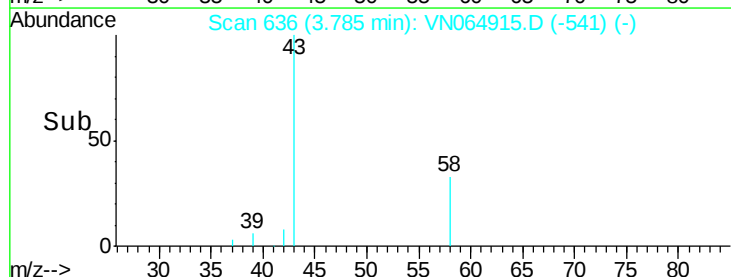
6000

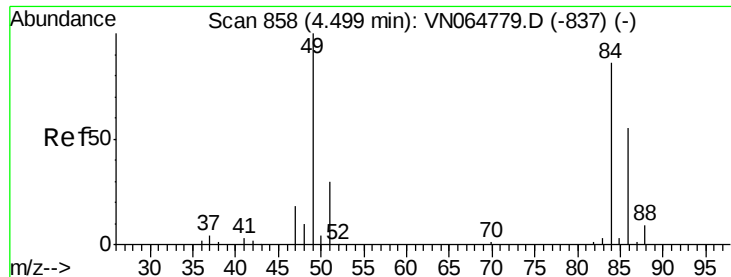
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

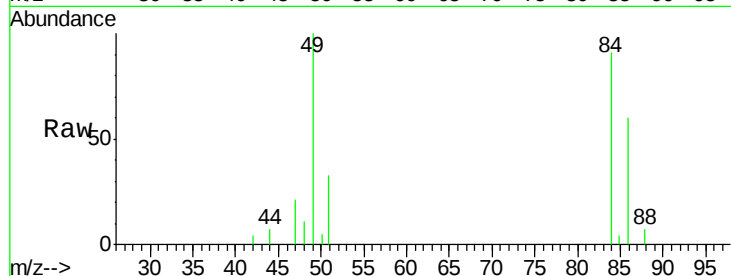




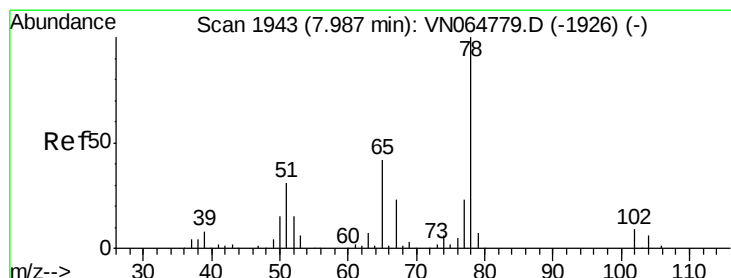
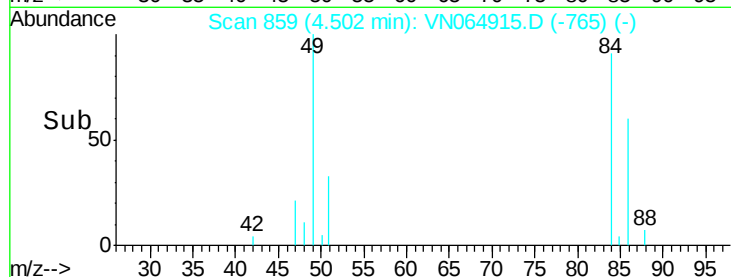
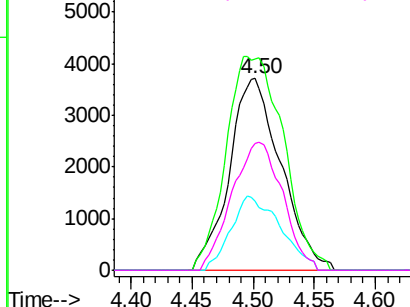
#20
Methylene Chloride
Concen: 5.169 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064915.D
Acq: 4 Dec 2020 13:40

Instrument :
MSVOA_N
ClientSampleId :
VNJ-214

Tot Ion: 84 Resp: 10888
Ion Ratio Lower Upper
84 100
49 110.1 93.4 140.0
51 36.0 28.2 42.4
86 65.9 51.7 77.5

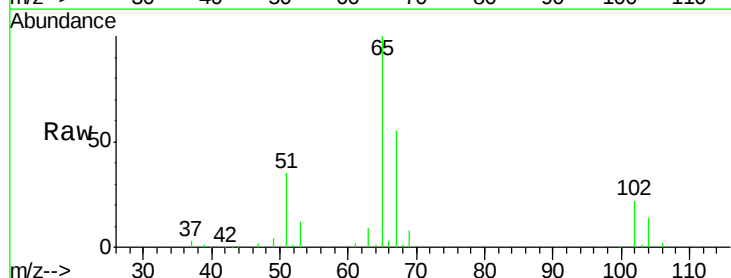


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

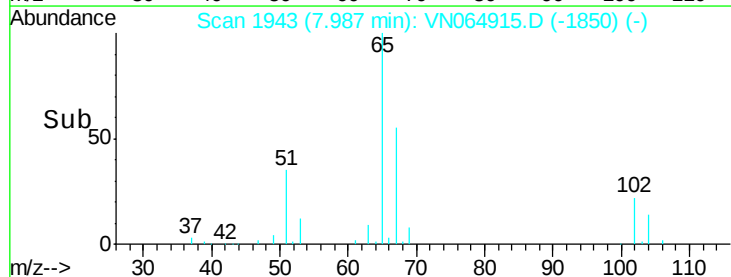
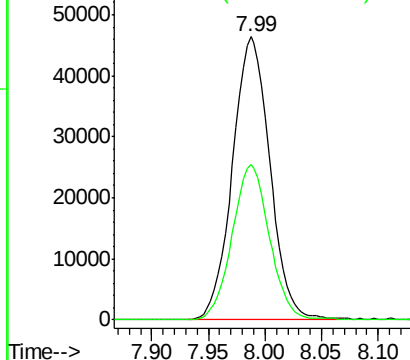


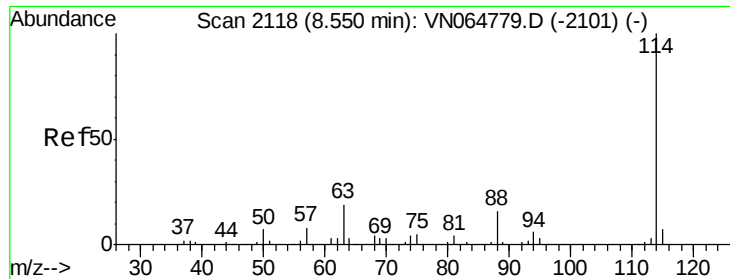
#33
1,2-Dichloroethane-d4
Concen: 52.209 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064915.D
Acq: 4 Dec 2020 13:40

Tgt Ion: 65 Resp: 106768
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

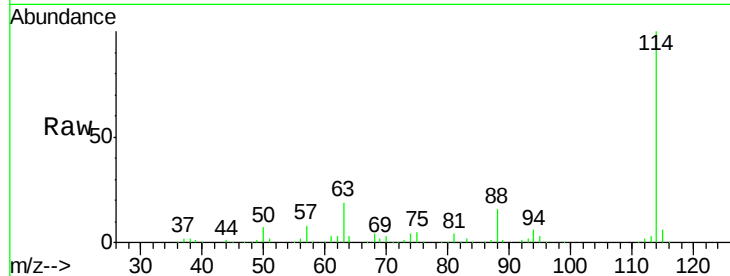




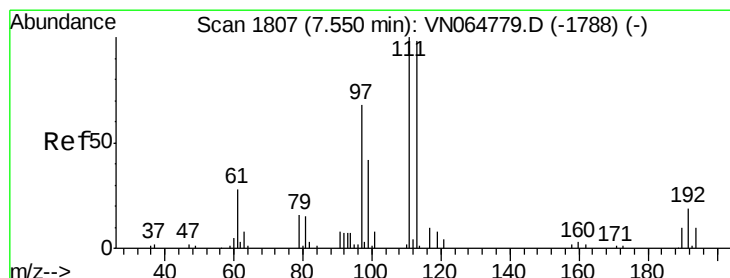
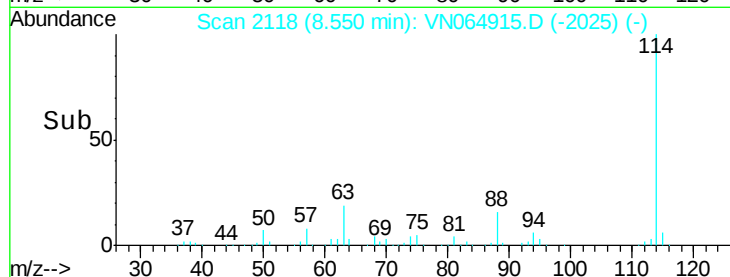
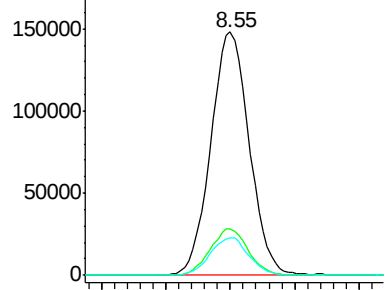
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064915.D
Acq: 4 Dec 2020 13:40

Instrument :
MSVOA_N
ClientSampleId :
VNJ-214

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.6
88	15.6	0.0	32.6

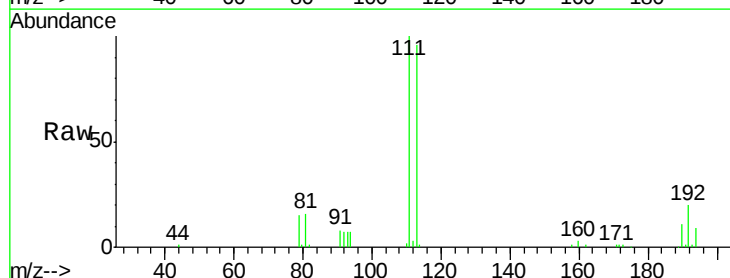


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

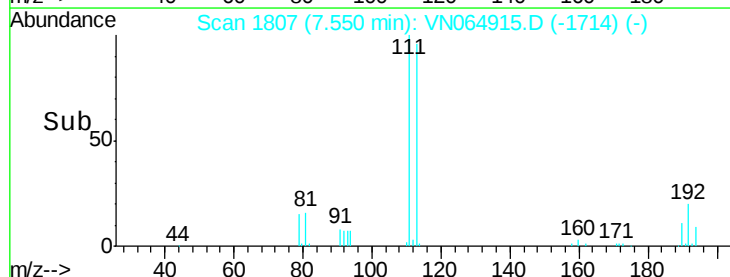
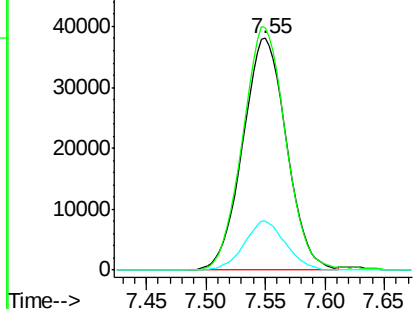


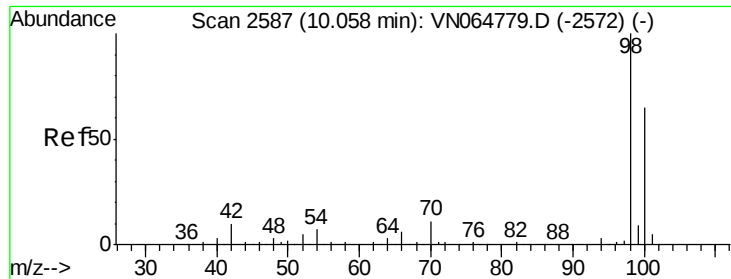
#35
Dibromofluoromethane
Concen: 52.706 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064915.D
Acq: 4 Dec 2020 13:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.6	122.4
192	19.9	16.2	24.2



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: 52.458 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064915.D

Acq: 4 Dec 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

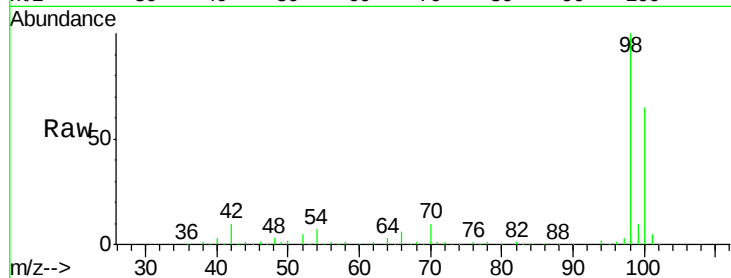
VNJ-214

Tot Ion: 98 Resp: 394312

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

250000

200000

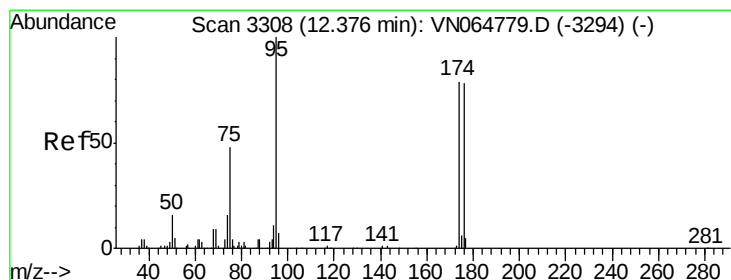
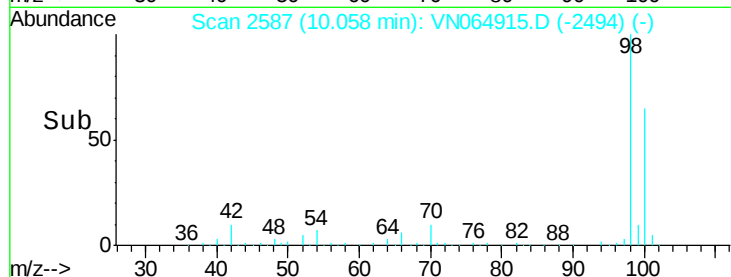
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 58.259 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064915.D

Acq: 4 Dec 2020 13:40

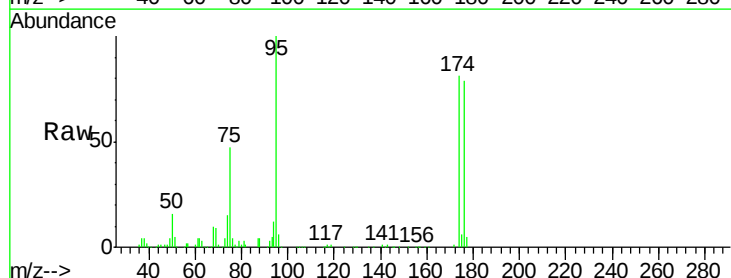
Tgt Ion: 95 Resp: 156722

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.4

176 77.8 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

12.38

120000

100000

80000

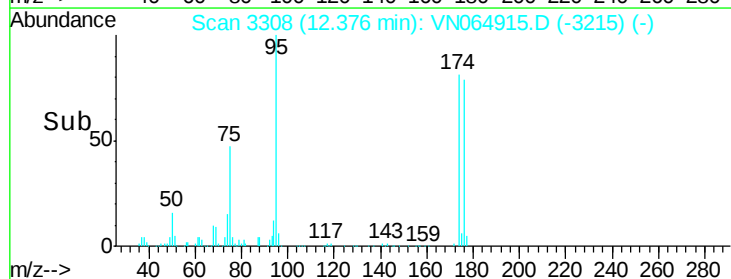
60000

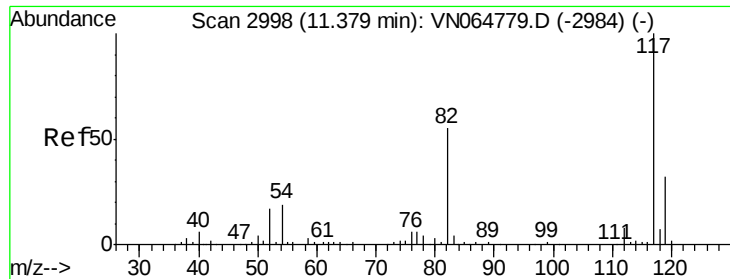
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064915.D

Acq: 4 Dec 2020 13:40

Instrument :

MSVOA_N

ClientSampled :

VNJ-214

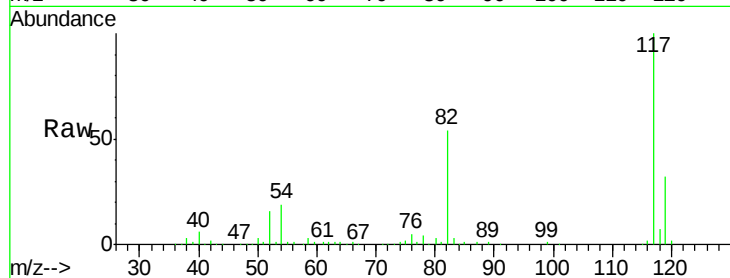
Tot Ion:117 Resp: 330586

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

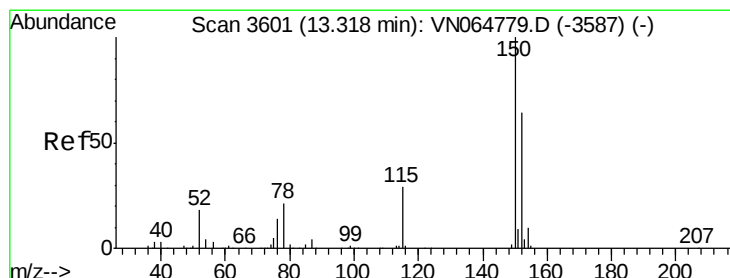
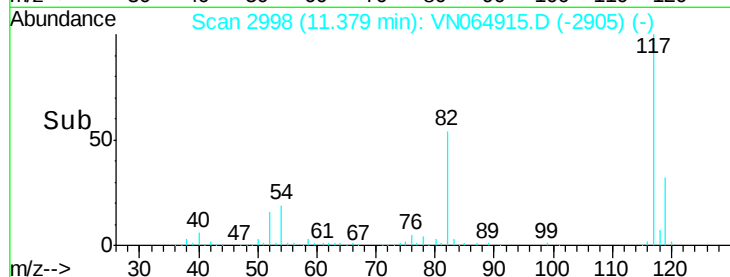
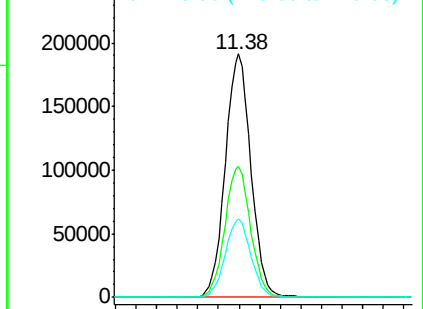
119 32.2 25.8 38.6



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN064915.D

Acq: 4 Dec 2020 13:40

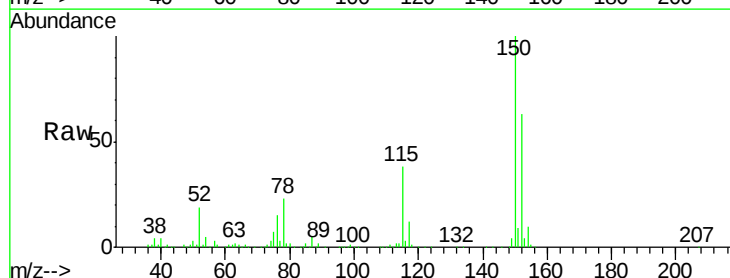
Tgt Ion:152 Resp: 148016

Ion Ratio Lower Upper

152 100

115 60.2 29.7 89.1

150 157.7 0.0 350.6



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

