

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058617.D
 Acq On : 8 Oct 2019 17:40
 Operator : JC/SP
 Sample : K5234-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JMW1982-9001

Quant Time: Oct 09 04:17:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:07:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	2014906	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	3014808	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2697266	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1018749	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1241565	5.16	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	103.20%
5) Dibromofluoromethane	7.57	113	952964	5.02	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	100.40%
6) Toluene-d8	10.08	98	2126451	4.96	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	99.20%
7) 4-Bromofluorobenzene	12.40	95	988902	4.70	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	94.00%

Target Compounds

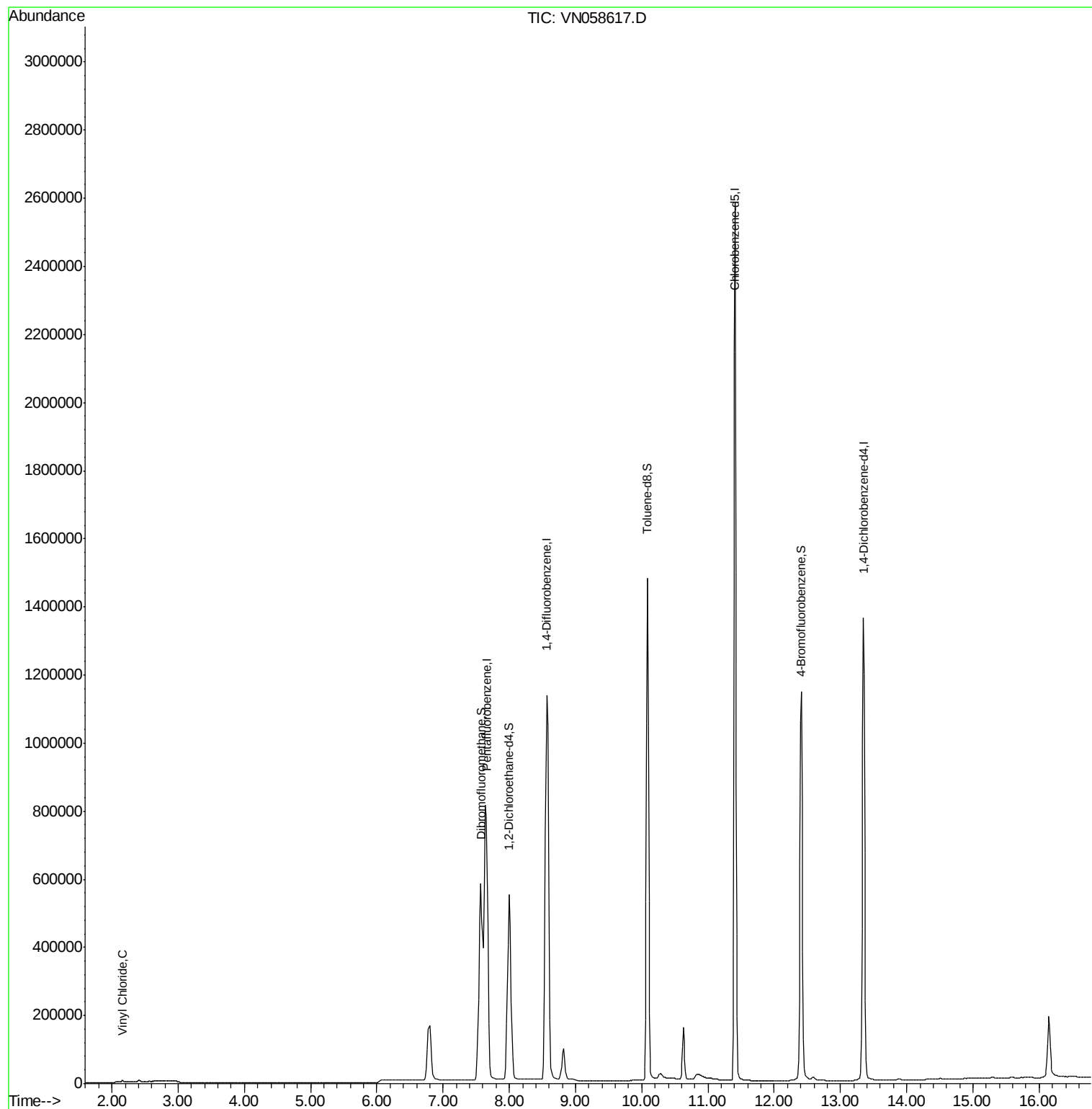
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	5601	0.027	ug/l #	47

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

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN058617.D

Acq: 8 Oct 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

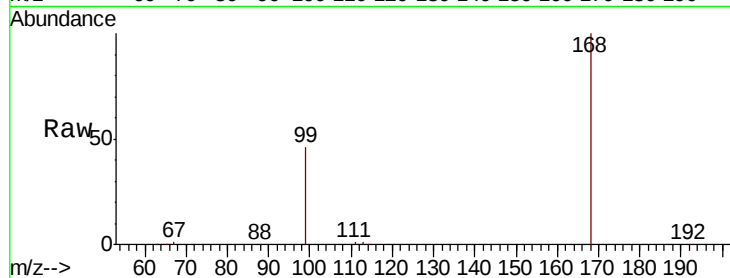
FA19-JMW1982-9001

Tot Ion:168 Resp: 2014906

Ion Ratio Lower Upper

168 100

99 45.7 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VNO

7.65

600000

500000

400000

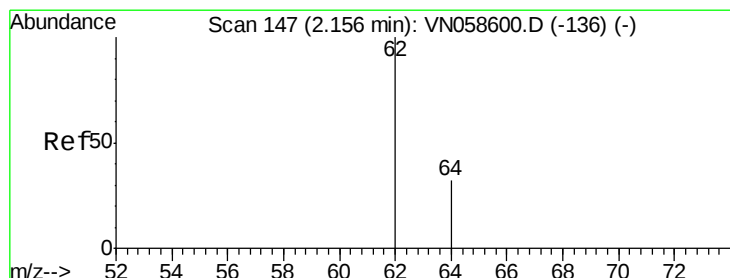
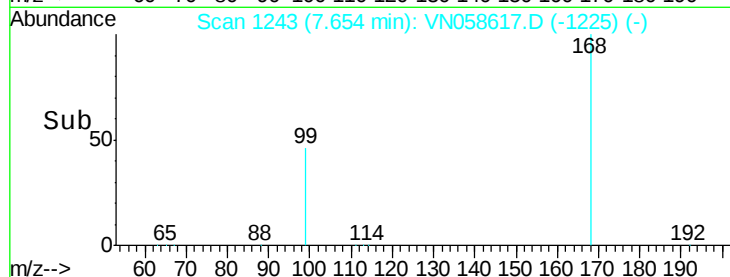
300000

200000

100000

0

Time--> 7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 0.027 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058617.D

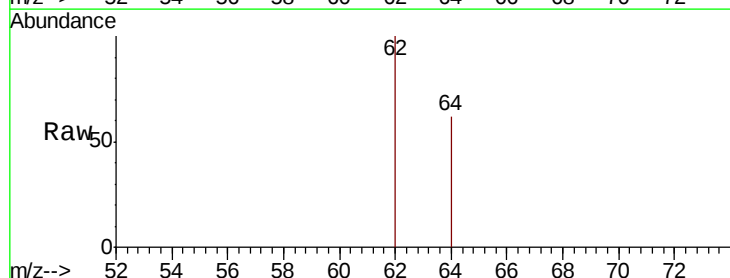
Acq: 8 Oct 2019 17:40

Tgt Ion: 62 Resp: 5601

Ion Ratio Lower Upper

62 100

64 61.6 25.8 38.6#



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO

2.16

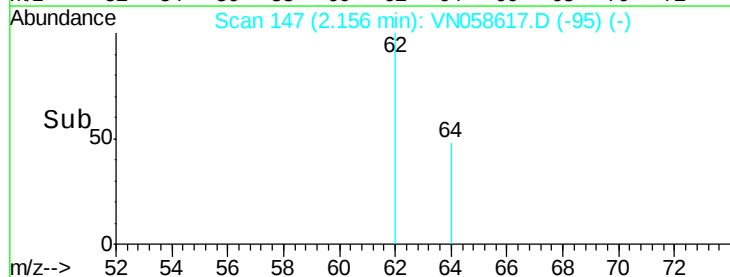
6000

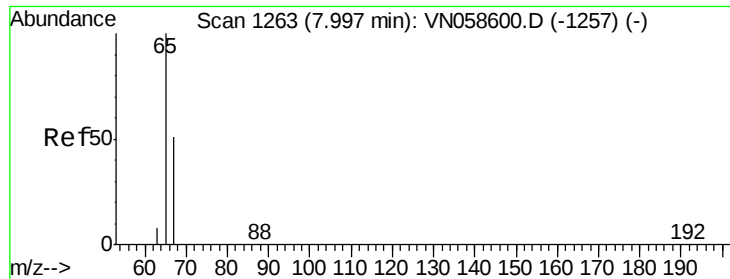
4000

2000

0

Time--> 2.10 2.15 2.20





#3

1,2-Dichloroethane-d4

Concen: 5.158 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058617.D

Acq: 8 Oct 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

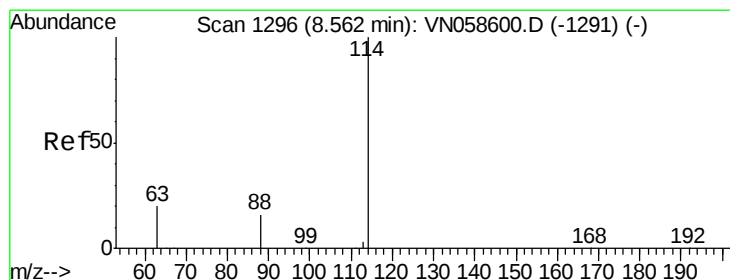
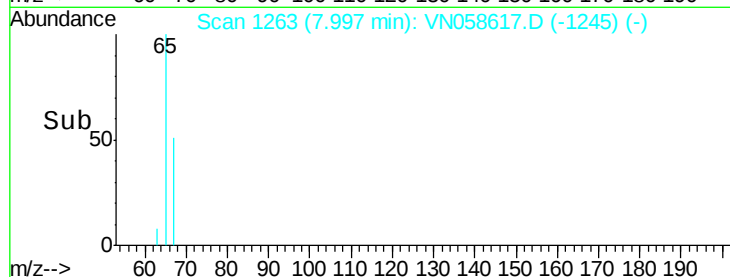
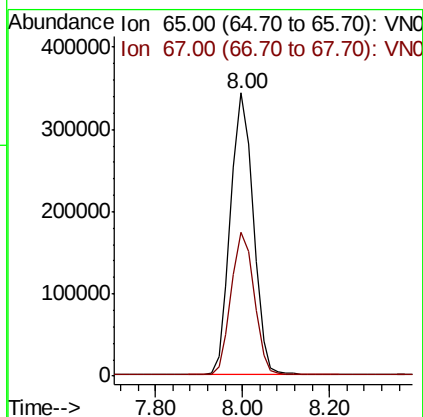
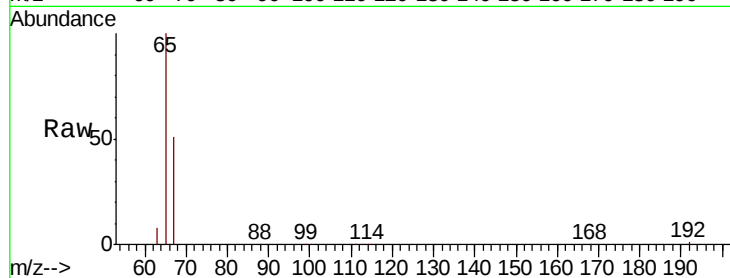
FA19-JMW1982-9001

Tot Ion: 65 Resp: 1241565

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058617.D

Acq: 8 Oct 2019 17:40

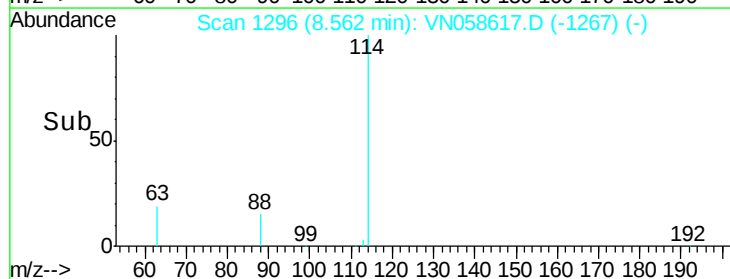
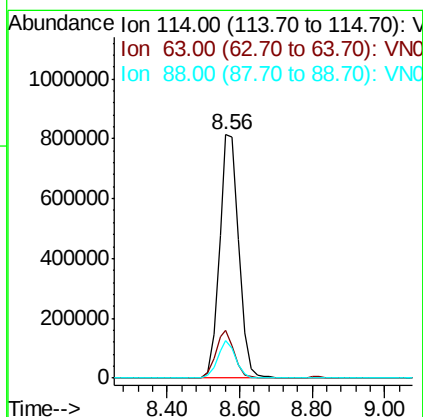
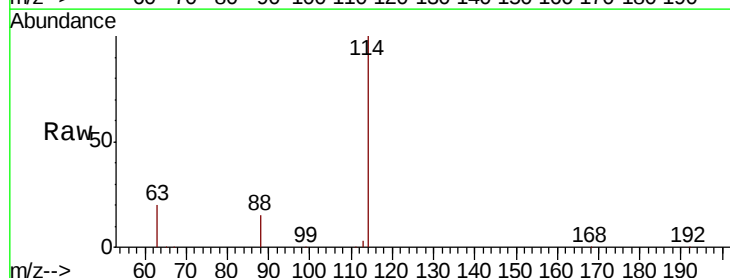
Tgt Ion: 114 Resp: 3014808

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

88 15.5 0.0 32.4





#5

Dibromofluoromethane

Concen: 5.018 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058617.D

Acq: 8 Oct 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

FA19-JMW1982-9001

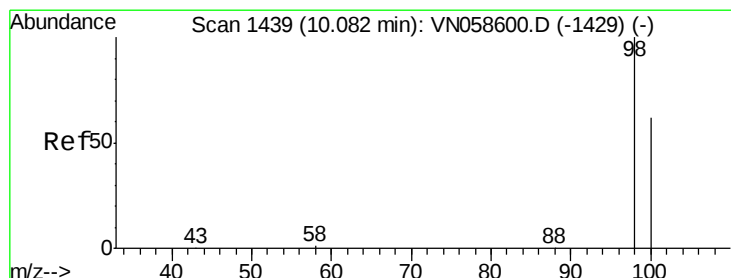
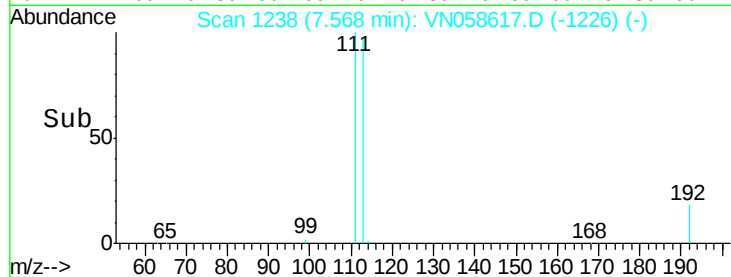
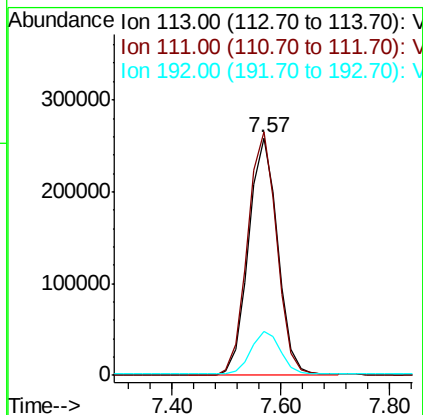
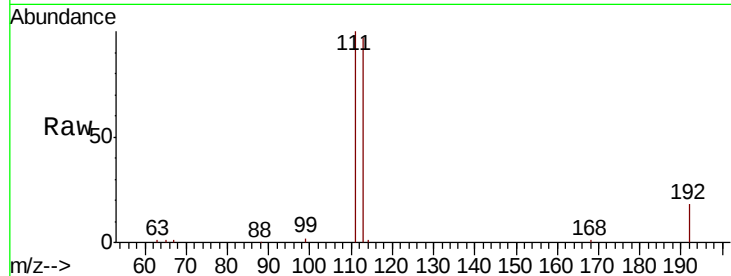
Tot Ion:113 Resp: 952964

Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

192 18.6 14.9 22.3



#6

Toluene-d8

Concen: 4.955 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058617.D

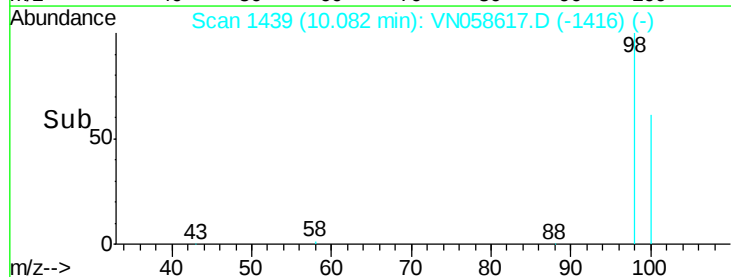
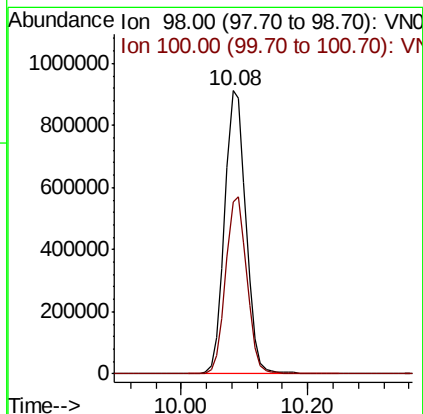
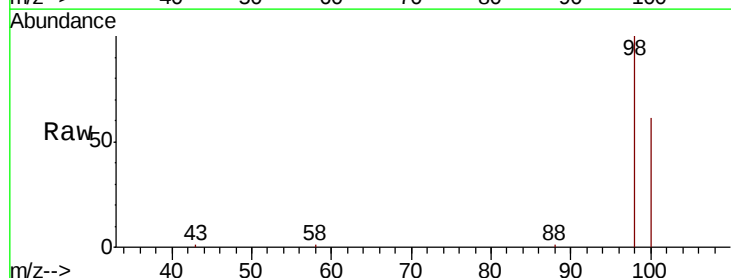
Acq: 8 Oct 2019 17:40

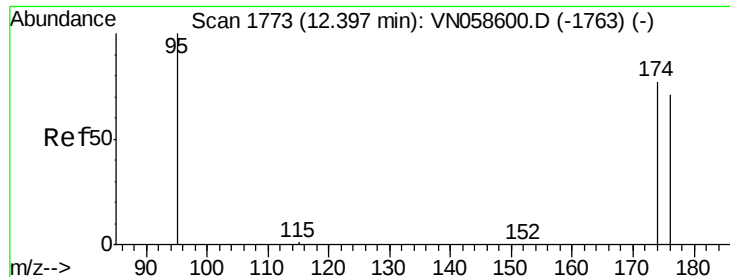
Tgt Ion: 98 Resp: 2126451

Ion Ratio Lower Upper

98 100

100 60.6 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 4.703 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058617.D

Acq: 8 Oct 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

FA19-JMW1982-9001

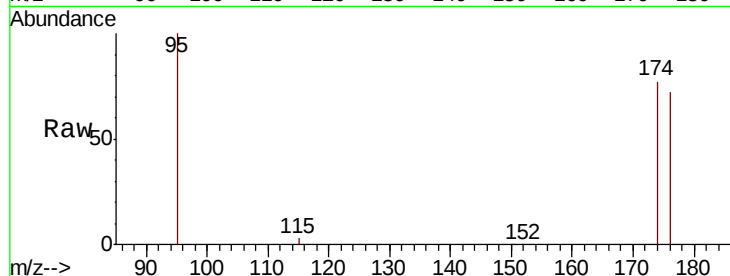
Tot Ion: 95 Resp: 988902

Ion Ratio Lower Upper

95 100

174 77.3 0.0 153.4

176 72.0 0.0 142.2



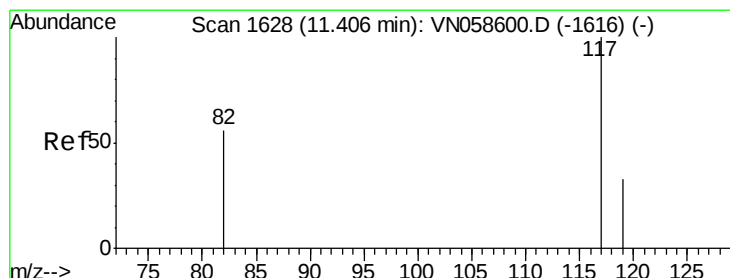
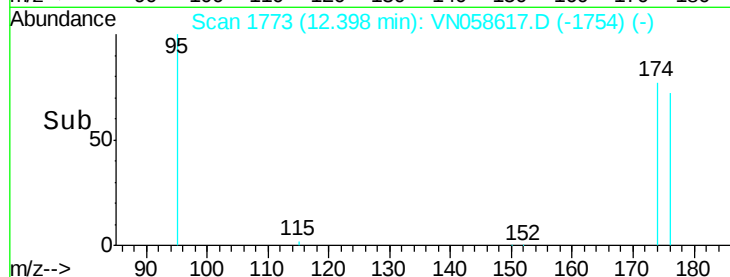
Abundance Ion 95.00 (94.70 to 95.70): VN058617.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058617.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058617.D (-1763) (-)

12.40

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VN058617.D

Acq: 8 Oct 2019 17:40

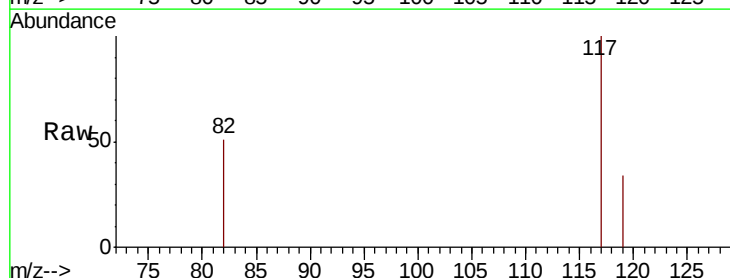
Tgt Ion: 117 Resp: 2697266

Ion Ratio Lower Upper

117 100

82 50.7 44.7 67.1

119 34.0 27.0 40.4



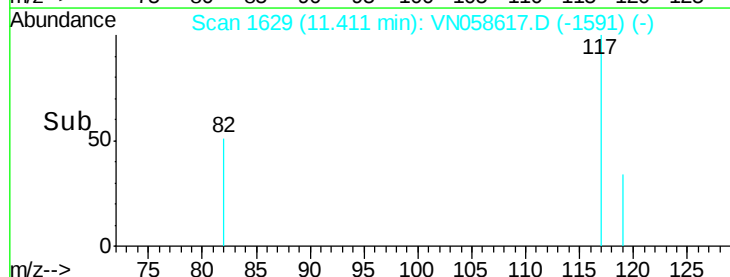
Abundance Ion 117.00 (116.70 to 117.70): VN058617.D (-1616) (-)

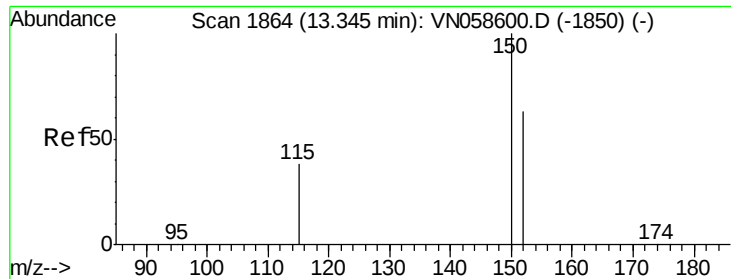
Ion 82.00 (81.70 to 82.70): VN058617.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058617.D (-1616) (-)

11.41

Time-->





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN058617.D
 Acq: 8 Oct 2019 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JMW1982-9001

Tot Ion:152 Resp: 1018749
 Ion Ratio Lower Upper
 152 100
 115 59.6 29.9 89.8
 150 160.4 0.0 315.8

