

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100919\
 Data File : VN058638.D
 Acq On : 9 Oct 2019 13:08
 Operator : JC/SP
 Sample : K5260-04MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0010MS

Quant Time: Oct 10 01:18:12 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	1567588	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2333972	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2087011	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	760490	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	972208	5.19	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	103.80%
5) Dibromofluoromethane	7.57	113	765343	5.21	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	104.20%
6) Toluene-d8	10.08	98	1645316	4.95	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	99.00%
7) 4-Bromofluorobenzene	12.40	95	741479	4.56	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	91.20%

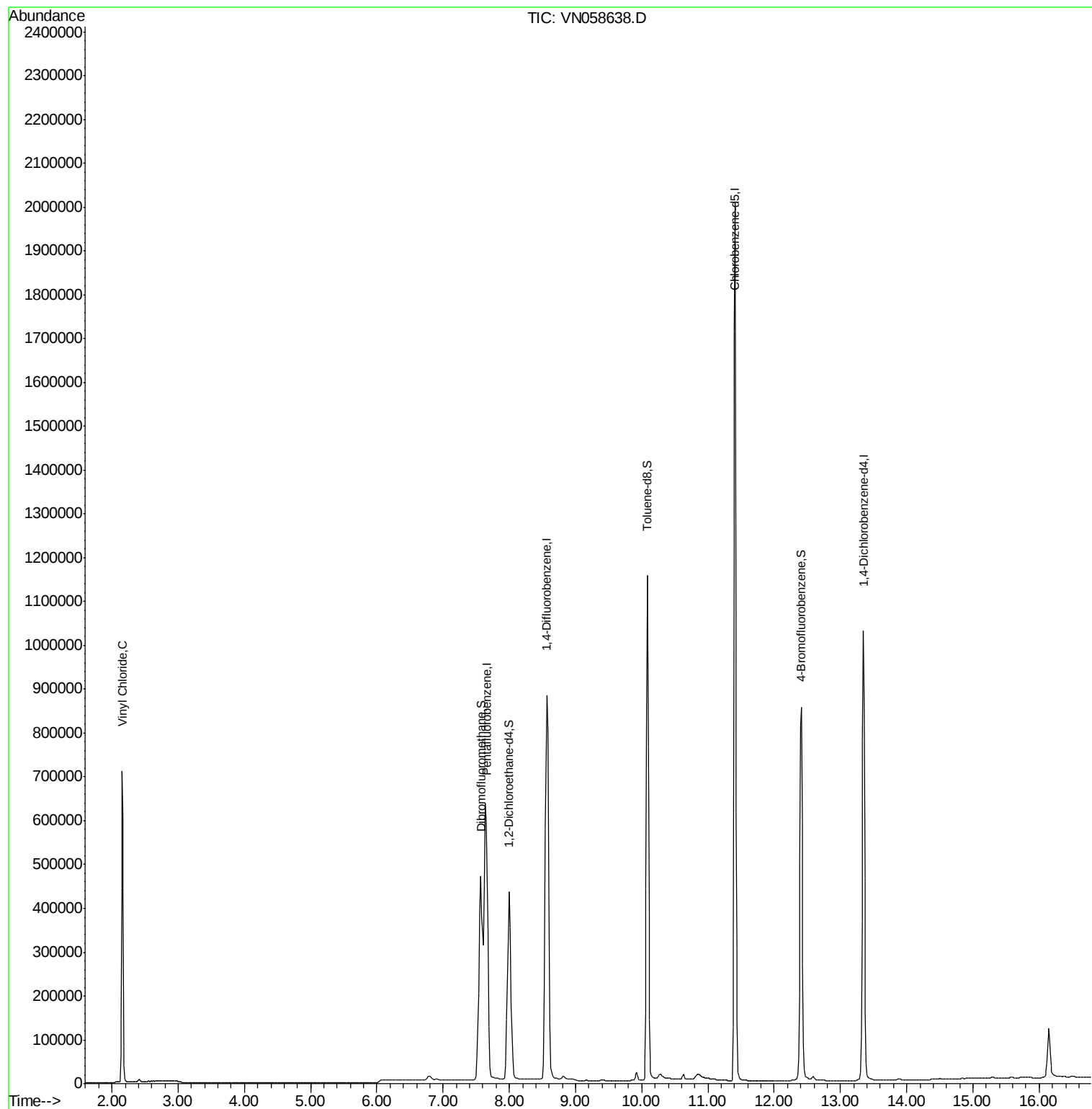
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	813191	5.105 ug/l	98

(#) = 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

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Instrument :

MSVOA_N

ClientSampleId :

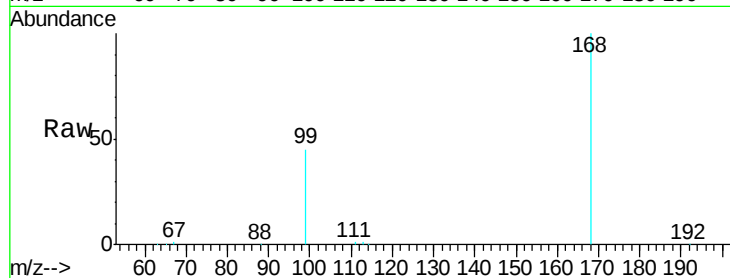
FA19-MMW0010MS

Tgt Ion:168 Resp: 1567588

Ion Ratio Lower Upper

168 100

99 44.6 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

7.65

400000

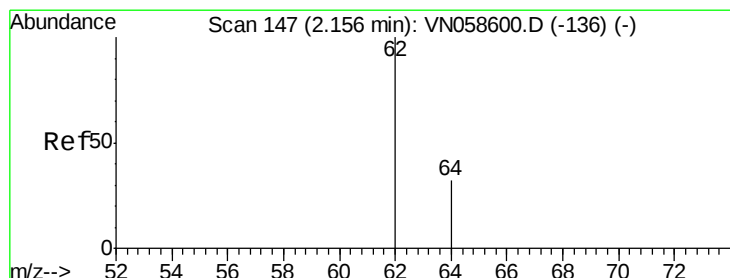
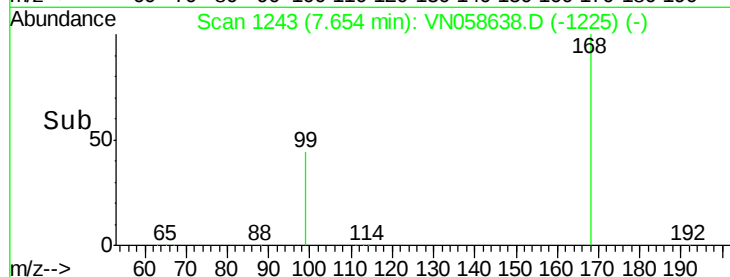
300000

200000

100000

0

Time--> 7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 5.105 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058638.D

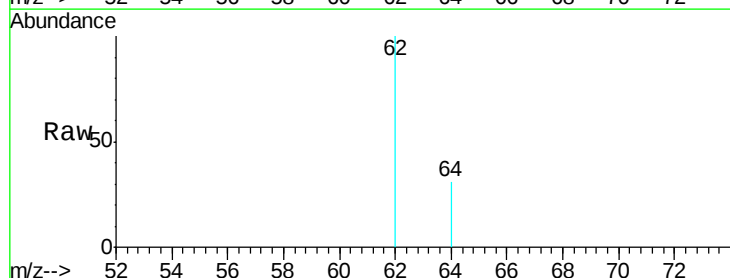
Acq: 9 Oct 2019 13:08

Tgt Ion: 62 Resp: 813191

Ion Ratio Lower Upper

62 100

64 31.2 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.16

600000

500000

400000

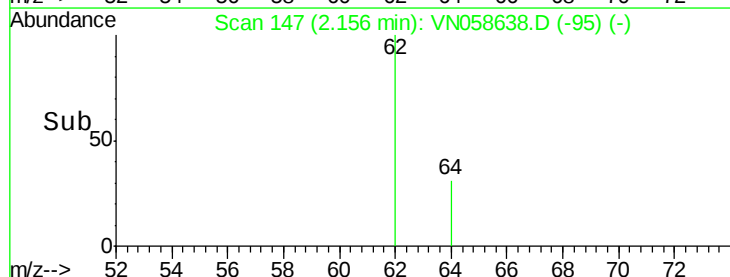
300000

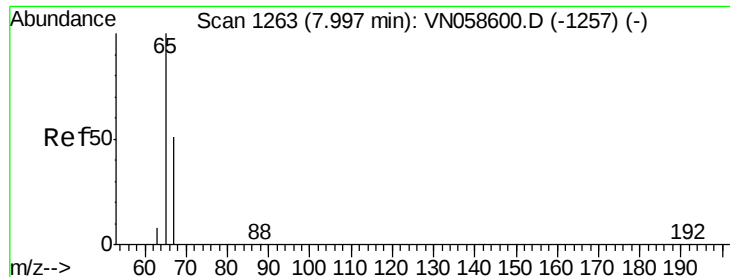
200000

100000

0

Time--> 2.10 2.20 2.30





#3

1,2-Dichloroethane-d4

Concen: 5.191 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058638.D

Acq: 9 Oct 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

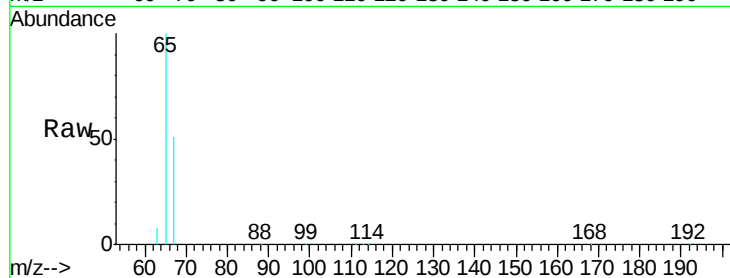
FA19-MMW0010MS

Tgt Ion: 65 Resp: 972208

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

8.00

250000

200000

150000

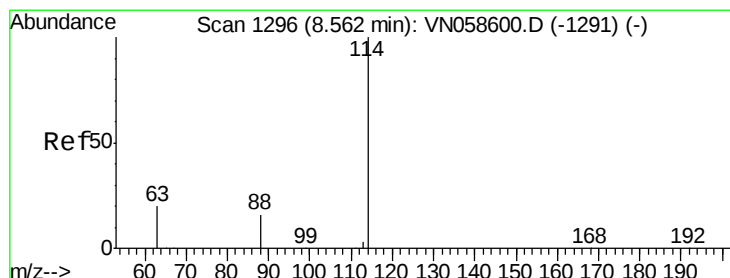
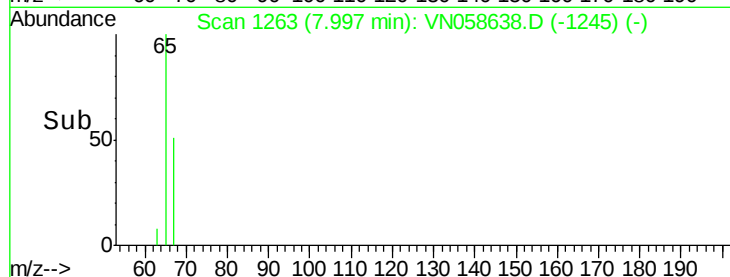
100000

50000

0

Time-->

7.80 8.00 8.20



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058638.D

Acq: 9 Oct 2019 13:08

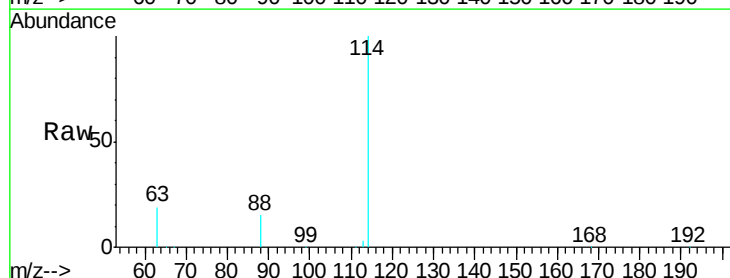
Tgt Ion: 114 Resp: 2333972

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

88 15.1 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

8.56

800000

600000

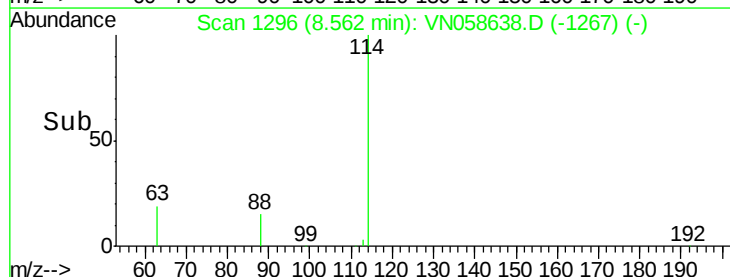
400000

200000

0

Time-->

8.40 8.60 8.80 9.00





#5

Dibromofluoromethane

Concen: 5.205 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058638.D

Acq: 9 Oct 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0010MS

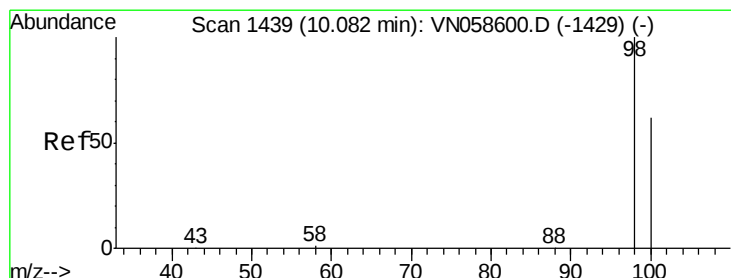
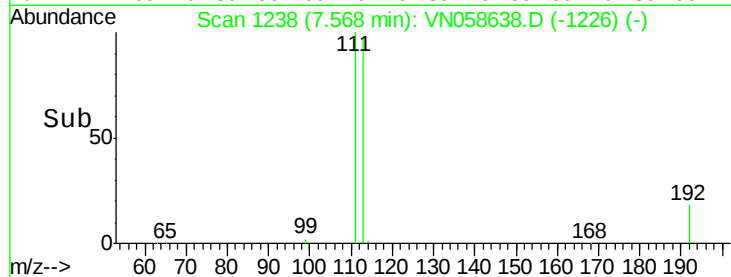
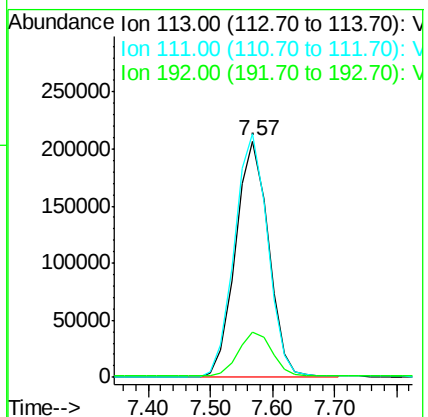
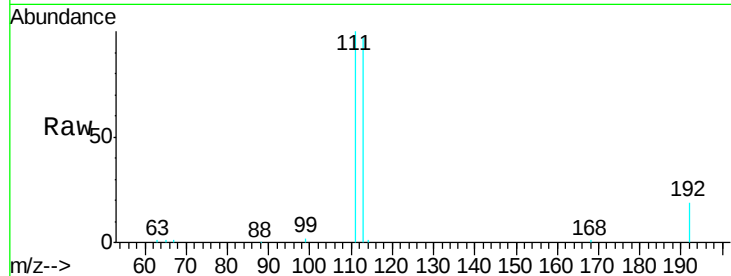
Tgt Ion:113 Resp: 765343

Ion Ratio Lower Upper

113 100

111 103.0 82.5 123.7

192 19.1 14.9 22.3



#6

Toluene-d8

Concen: 4.952 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058638.D

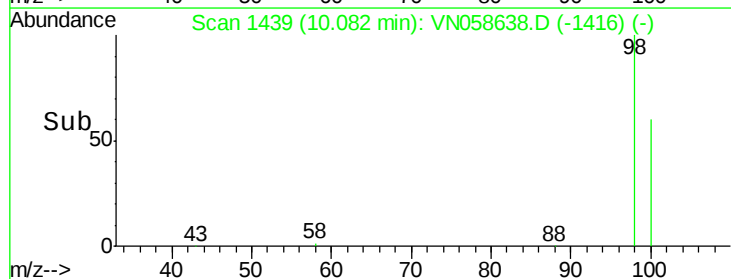
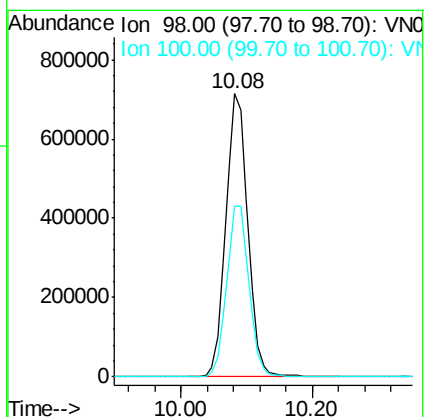
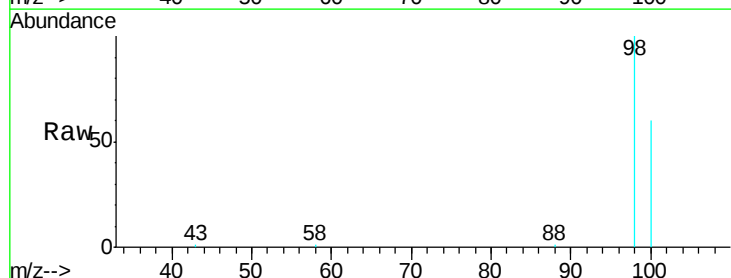
Acq: 9 Oct 2019 13:08

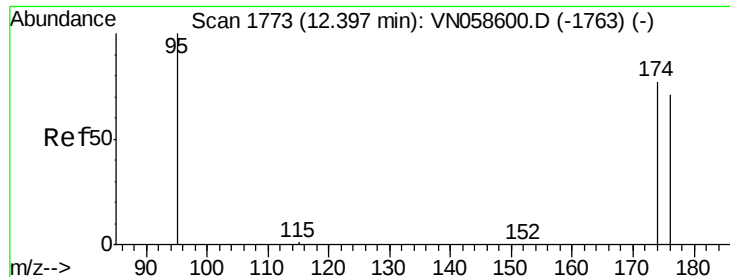
Tgt Ion: 98 Resp: 1645316

Ion Ratio Lower Upper

98 100

100 60.1 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 4.555 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058638.D

Acq: 9 Oct 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0010MS

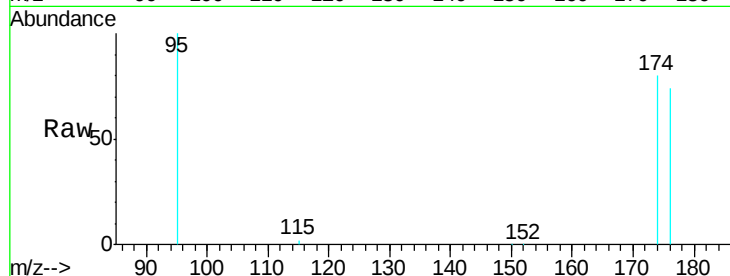
Tgt Ion: 95 Resp: 741479

Ion Ratio Lower Upper

95 100

174 79.9 0.0 153.4

176 74.1 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058600.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058600.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058600.D (-1763) (-)

12.40

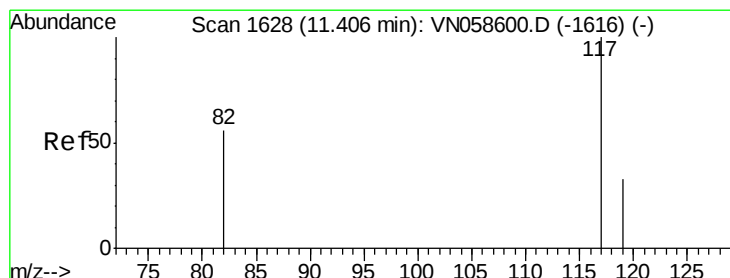
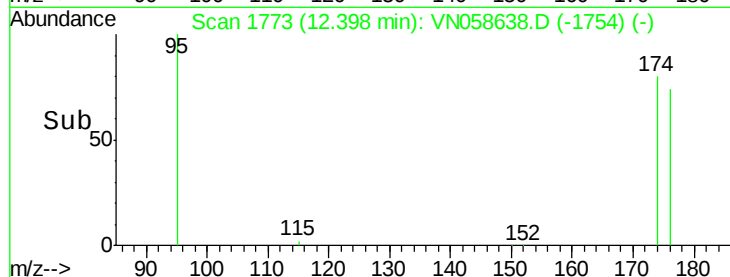
300000

200000

100000

0

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058638.D

Acq: 9 Oct 2019 13:08

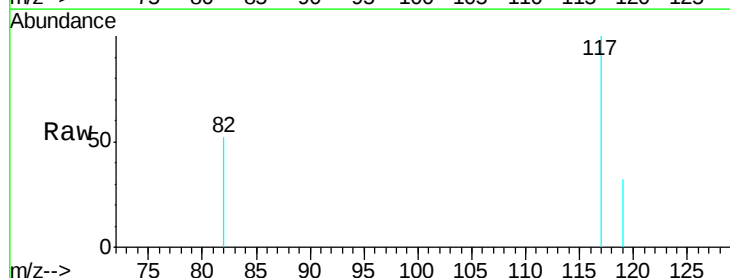
Tgt Ion: 117 Resp: 2087011

Ion Ratio Lower Upper

117 100

82 52.4 44.7 67.1

119 31.7 27.0 40.4



Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058600.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058600.D (-1616) (-)

11.41

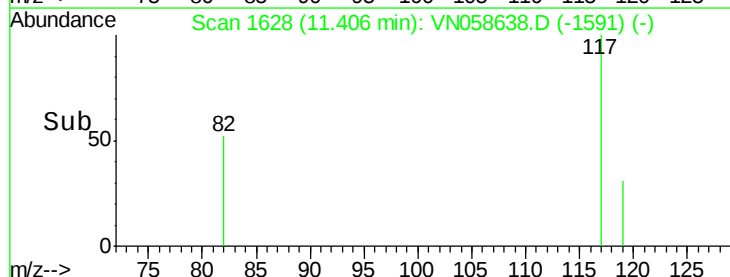
1500000

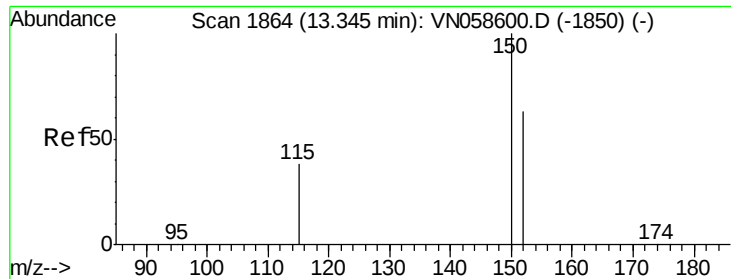
1000000

500000

0

Time-->

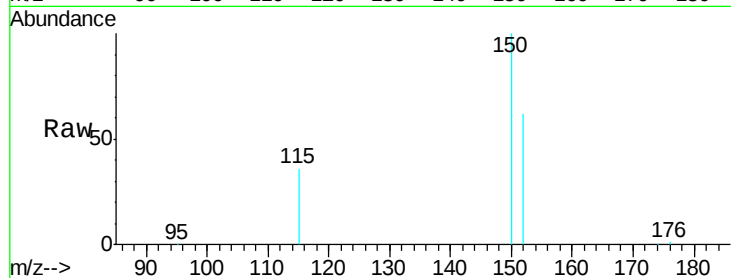




#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN058638.D
 Acq: 9 Oct 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0010MS

Tgt Ion:	152	Resp:	760490
Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.9	89.8
150	160.8	0.0	315.8



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

