

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058598.D
 Acq On : 8 Oct 2019 10:30
 Operator : JC/SP
 Sample : VSSTDICC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC001

Quant Time: Oct 09 04:05:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:00:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	3177684	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	4632033	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	4001499	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1645605	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	366452	0.92	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	18.40%#
5) Dibromofluoromethane	7.57	113	284313	0.94	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	18.80%#
6) Toluene-d8	10.08	98	646327	1.03	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	20.60%#
7) 4-Bromofluorobenzene	12.40	95	312994	1.79	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	35.80%#

Target Compounds

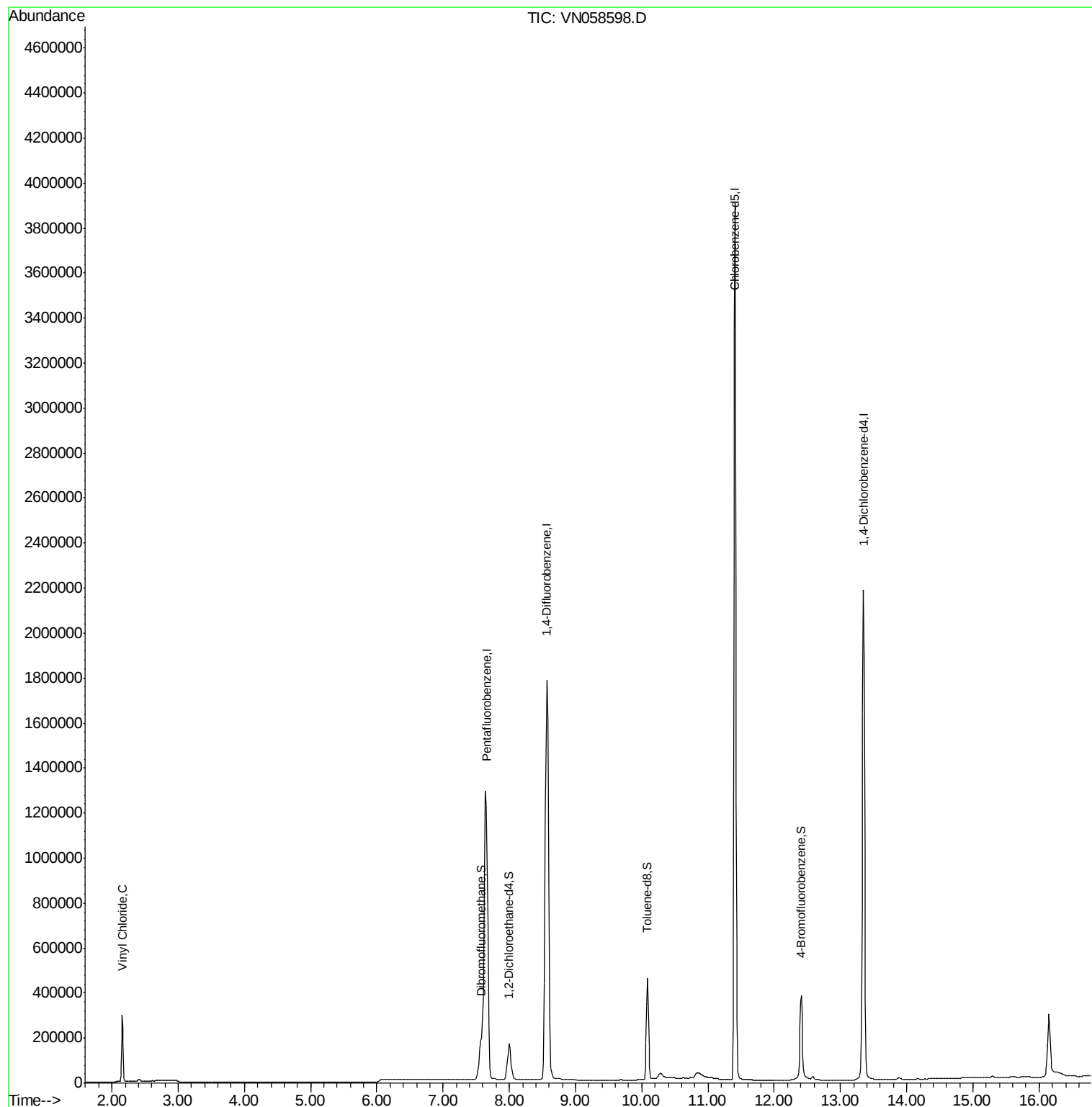
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	334612	1.125	ug/l	98

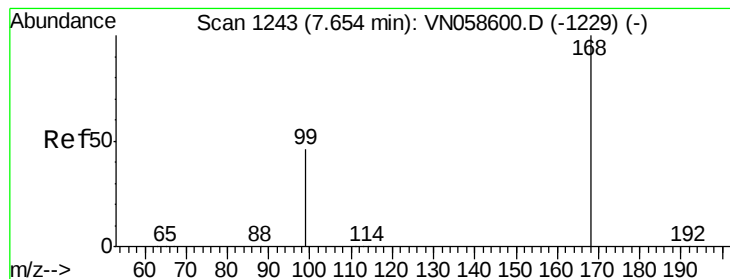
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN058598.D

Acq: 8 Oct 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

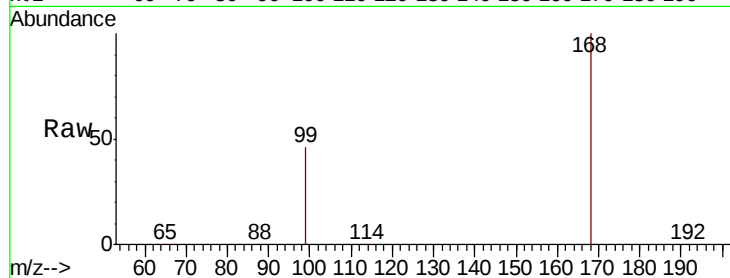
VSSTDICC001

Tot Ion:168 Resp: 3177684

Ion Ratio Lower Upper

168 100

99 45.8 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

7.65

800000

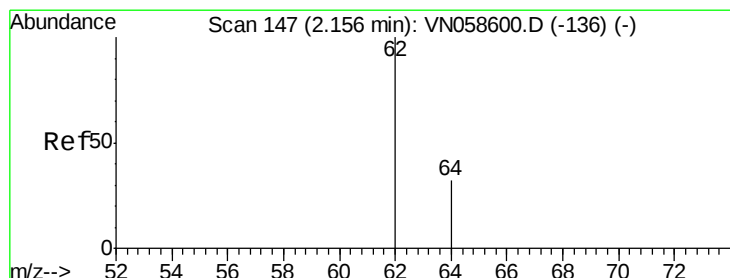
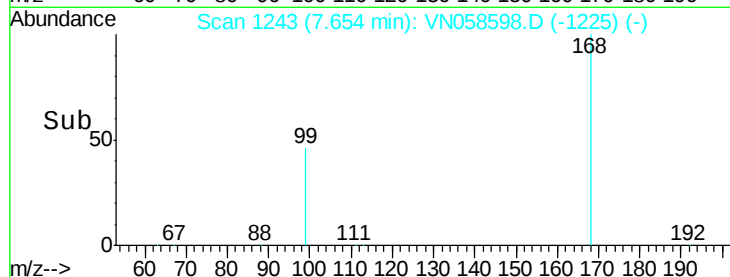
600000

400000

200000

0

Time-->



#2

Vinyl Chloride

Concen: 1.125 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058598.D

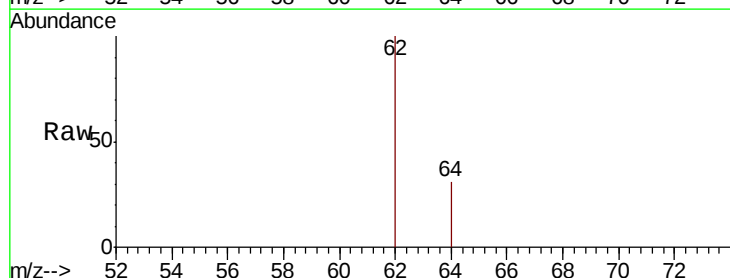
Acq: 8 Oct 2019 10:30

Tgt Ion: 62 Resp: 334612

Ion Ratio Lower Upper

62 100

64 31.2 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN

2.16

250000

200000

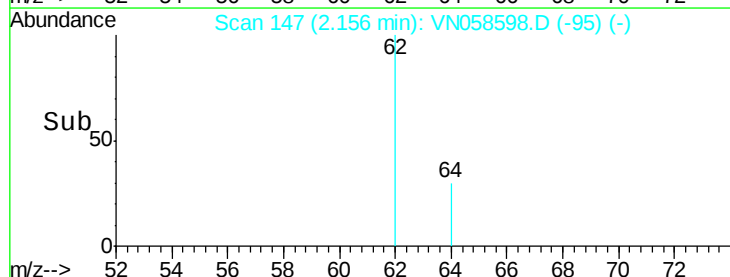
150000

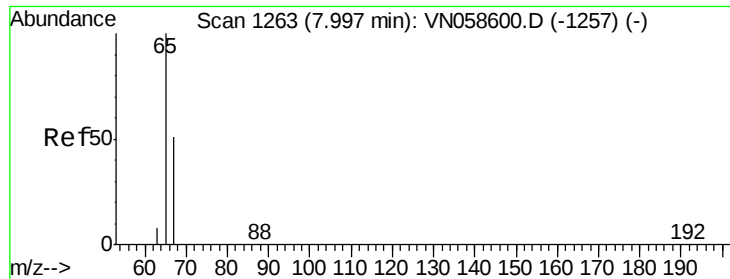
100000

50000

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 0.922 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058598.D

Acq: 8 Oct 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

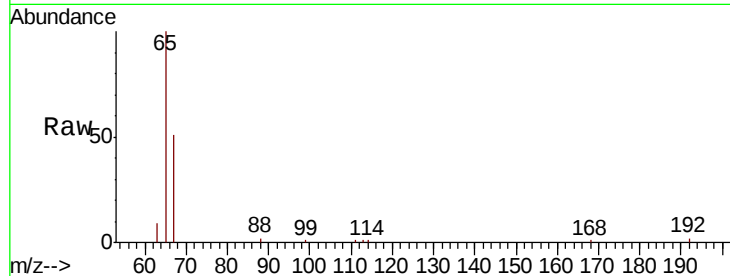
VSTDIC001

Tot Ion: 65 Resp: 366452

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058598.D (-1245) (-)

Ion 67.00 (66.70 to 67.70): VN058598.D (-1245) (-)

8.00

120000

100000

80000

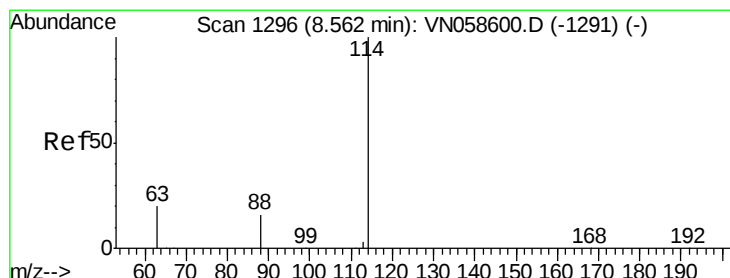
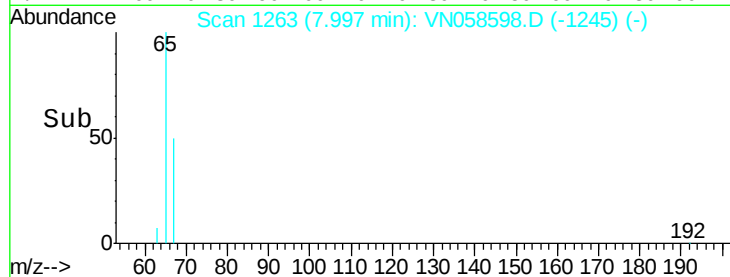
60000

40000

20000

0

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058598.D

Acq: 8 Oct 2019 10:30

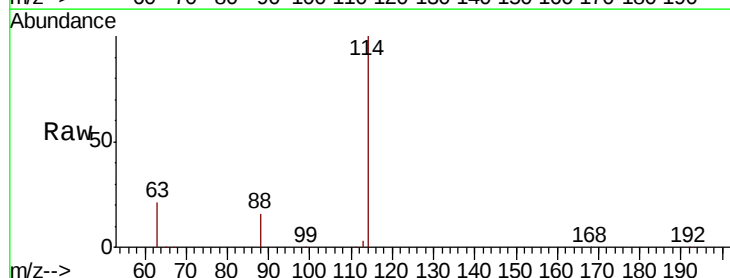
Tgt Ion: 114 Resp: 4632033

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

88 16.4 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058598.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058598.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058598.D (-1267) (-)

8.56

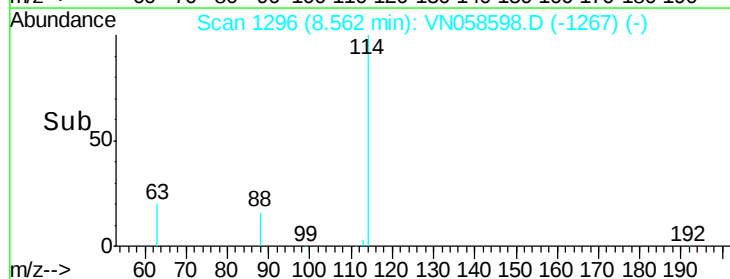
1500000

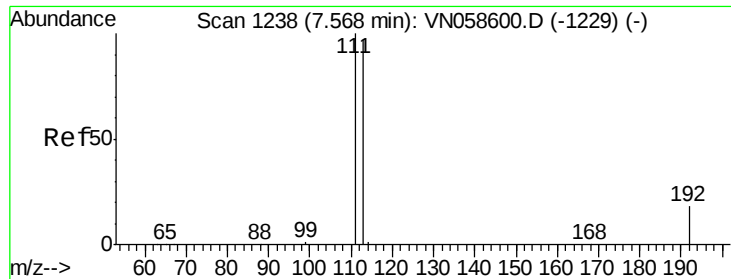
1000000

500000

0

Time-->





#5

Dibromofluoromethane

Concen: 0.943 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058598.D

Acq: 8 Oct 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC001

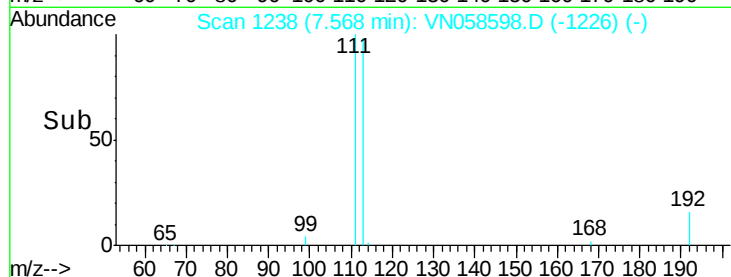
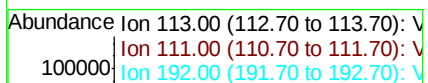
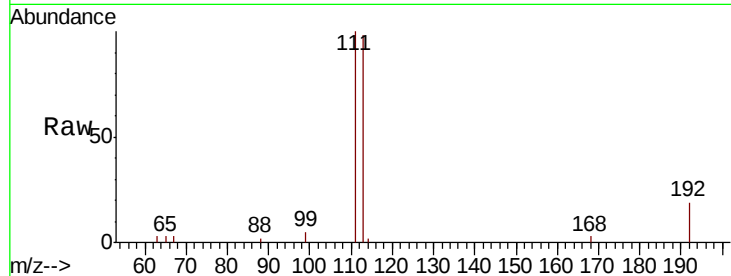
Tot Ion:113 Resp: 284313

Ion Ratio Lower Upper

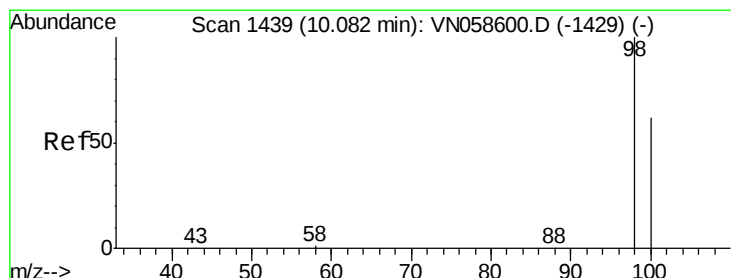
113 100

111 101.9 82.5 123.7

192 18.9 14.9 22.3



Time-->



#6

Toluene-d8

Concen: 1.032 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058598.D

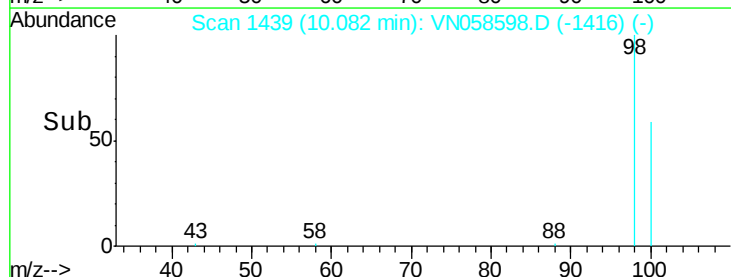
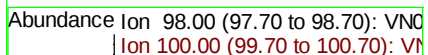
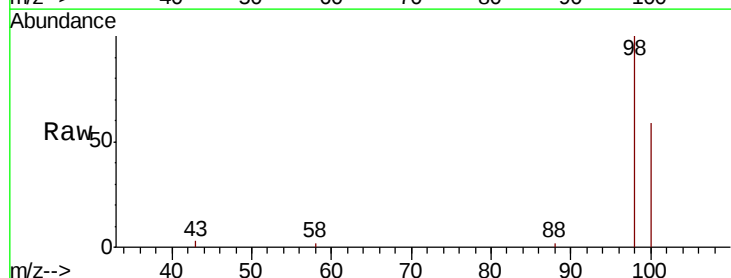
Acq: 8 Oct 2019 10:30

Tgt Ion: 98 Resp: 646327

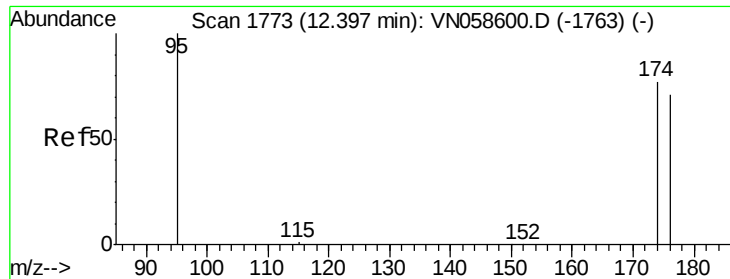
Ion Ratio Lower Upper

98 100

100 59.2 49.4 74.2



Time-->



#7

4-Bromofluorobenzene

Concen: 1.791 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058598.D

Acq: 8 Oct 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC001

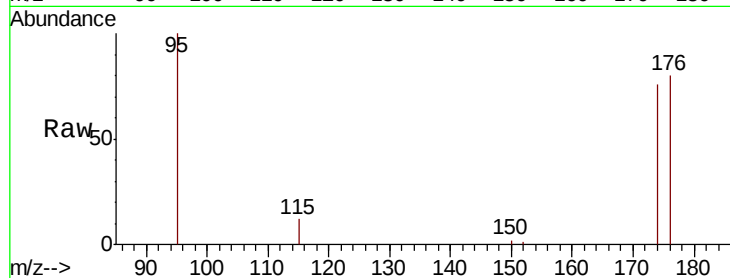
Tot Ion: 95 Resp: 312994

Ion Ratio Lower Upper

95 100

174 76.0 0.0 153.4

176 79.7 0.0 142.2

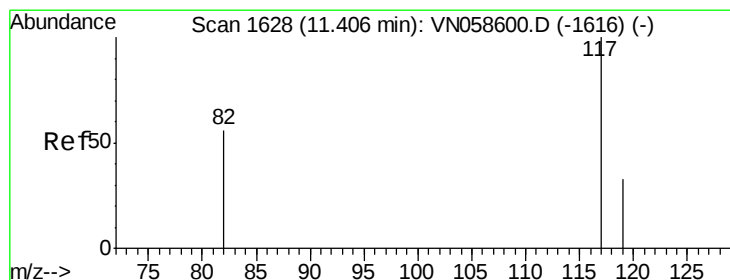
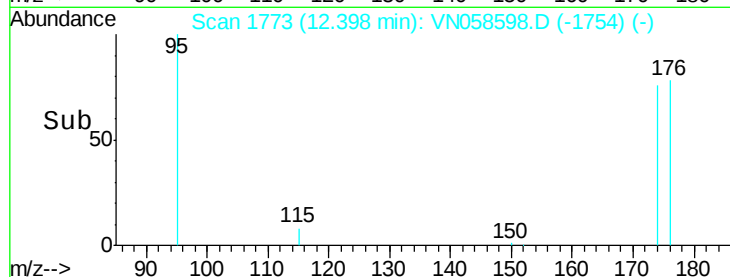


Abundance Ion 95.00 (94.70 to 95.70): VN058600.D (-1763) (-)

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

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

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058598.D

Acq: 8 Oct 2019 10:30

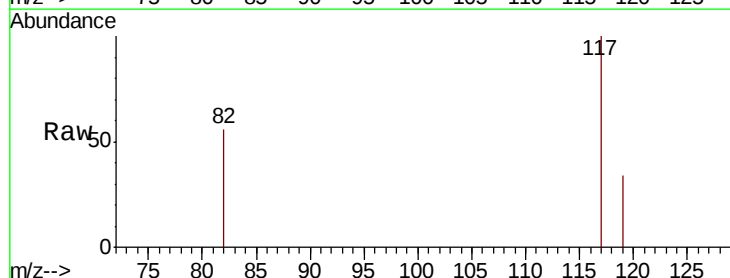
Tgt Ion: 117 Resp: 4001499

Ion Ratio Lower Upper

117 100

82 56.5 44.7 67.1

119 34.3 27.0 40.4

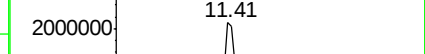
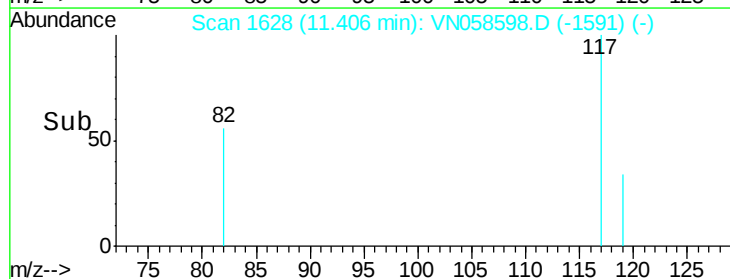


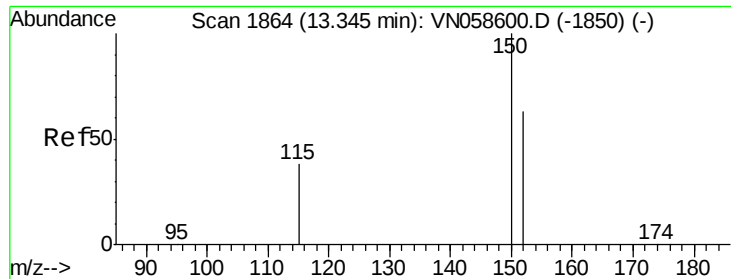
Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

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

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

Time-->

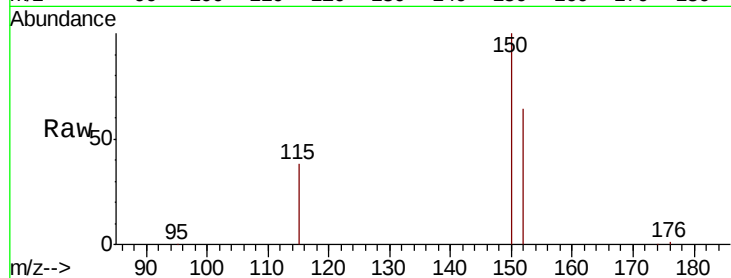




#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN058598.D
 Acq: 8 Oct 2019 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC001

Tot Ion:152 Resp: 1645605
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.9 89.8
 150 156.3 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

