

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100919\
 Data File : VN058640.D
 Acq On : 9 Oct 2019 13:52
 Operator : JC/SP
 Sample : VSSTDCCC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDCCC005EC

Quant Time: Oct 10 01:18:27 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	7.64	168	1501261	5.00	ug/l	-0.01
4) 1,4-Difluorobenzene	8.57	114	2200361	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2007903	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	749112	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	946013	5.27	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	105.40%
5) Dibromofluoromethane	7.57	113	745050	5.37	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	107.40%
6) Toluene-d8	10.09	98	1609368	5.14	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	102.80%
7) 4-Bromofluorobenzene	12.40	95	730357	4.76	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	95.20%

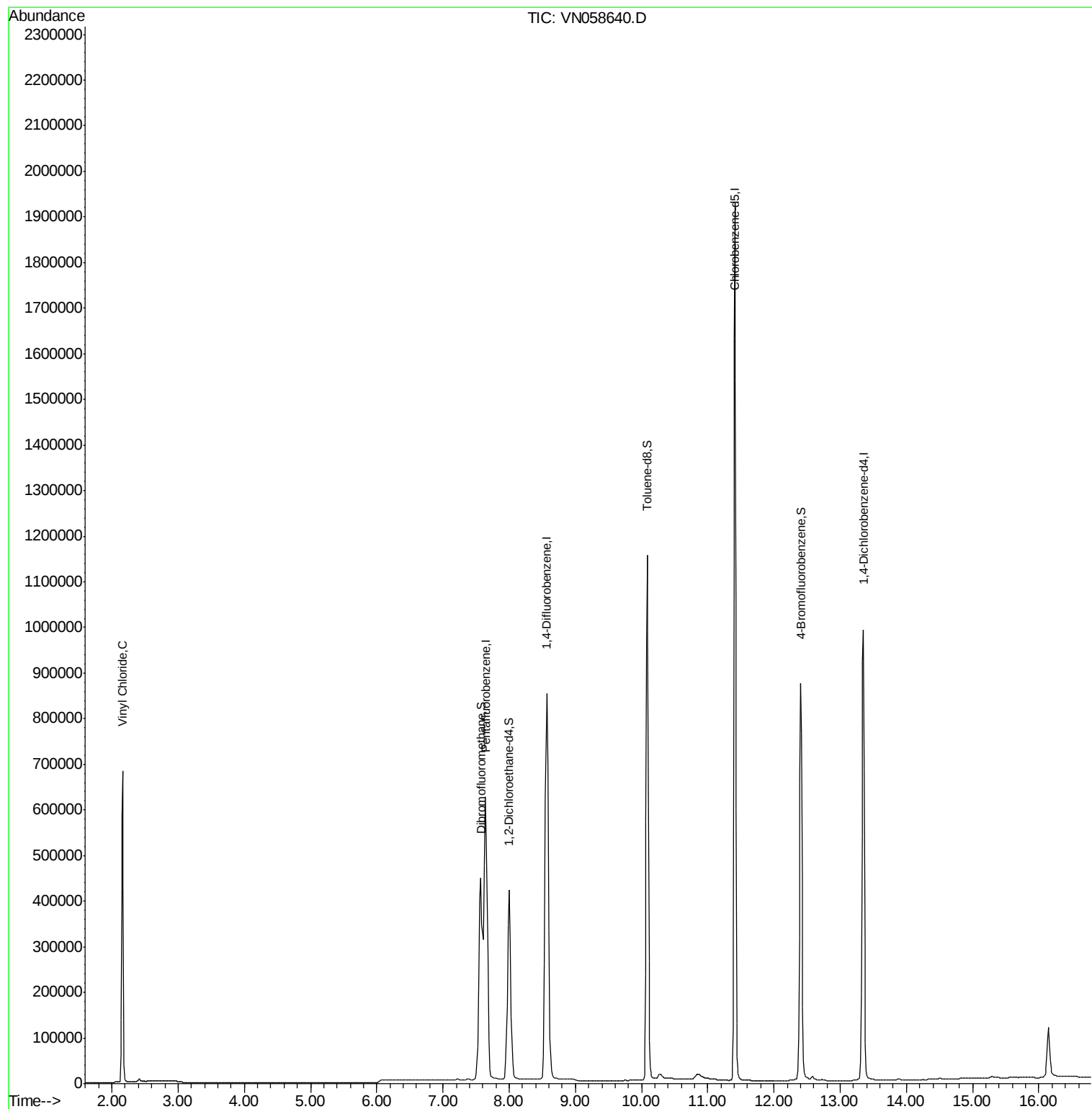
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	782689	5.130 ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100919\
Data File : VN058640.D
Acq On : 9 Oct 2019 13:52
Operator : JC/SP
Sample : VSSTDCCC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSSTDCCC005EC

Quant Time: Oct 10 01:18:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 04:07:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VN058640.D

Acq: 9 Oct 2019 13:52

Instrument :

MSVOA_N

ClientSampleId :

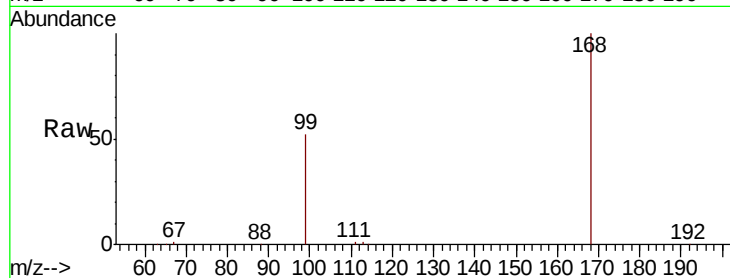
VSSTDCCC005EC

Tot Ion:168 Resp: 1501261

Ion Ratio Lower Upper

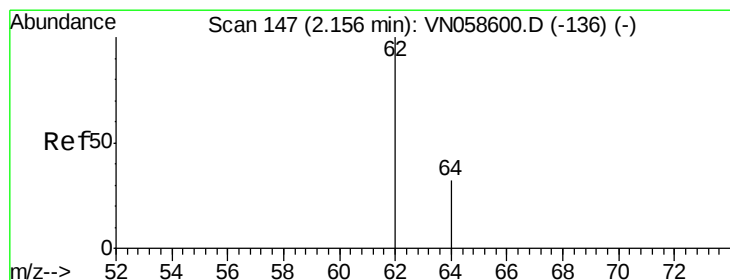
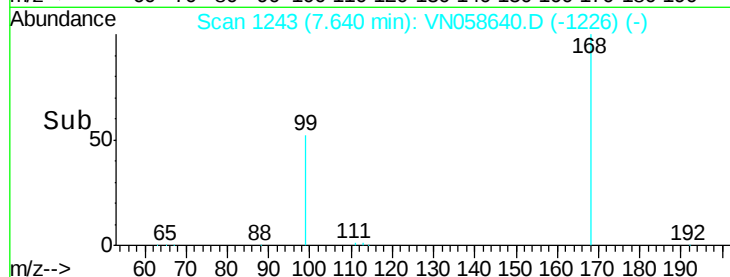
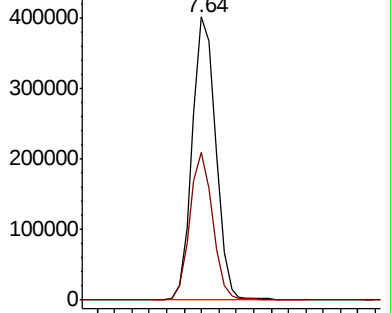
168 100

99 52.3 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VNO



#2

Vinyl Chloride

Concen: 5.130 ug/l

RT: 2.16 min Scan# 147

Delta R.T. -0.00 min

Lab File: VN058640.D

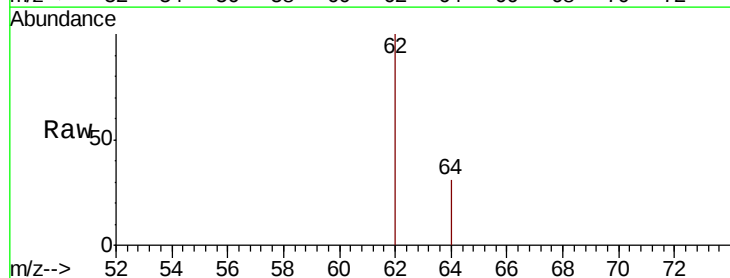
Acq: 9 Oct 2019 13:52

Tgt Ion: 62 Resp: 782689

Ion Ratio Lower Upper

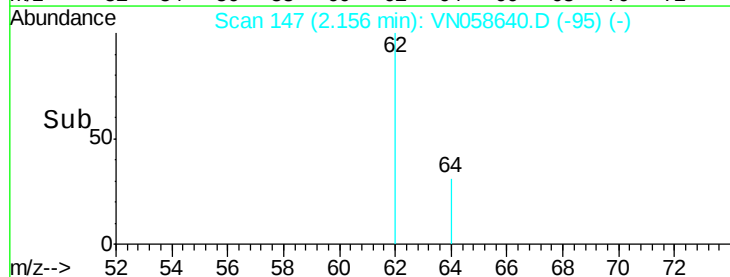
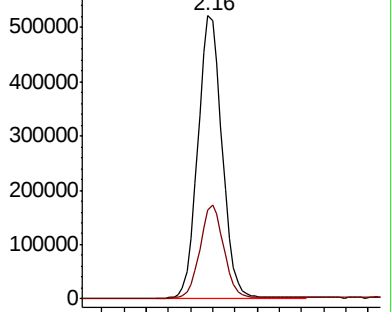
62 100

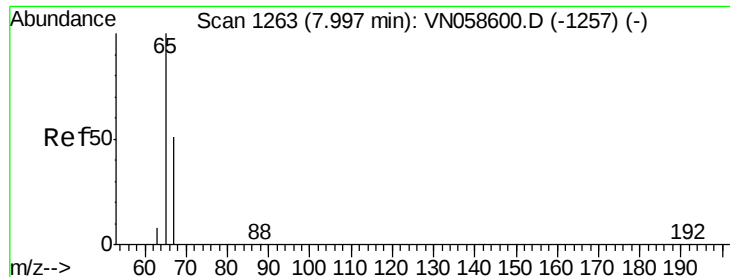
64 31.2 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO





#3

1,2-Dichloroethane-d4

Concen: 5.274 ug/l

RT: 8.00 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN058640.D

Acq: 9 Oct 2019 13:52

Instrument :

MSVOA_N

ClientSampleId :

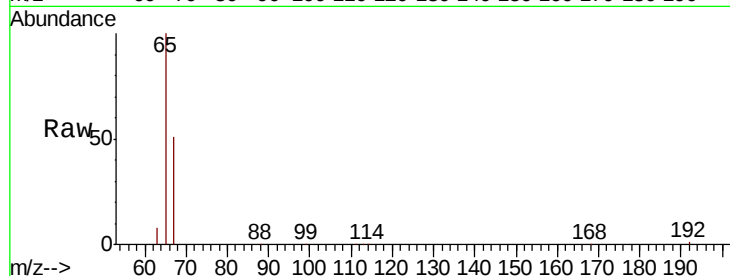
VSTDCCC005EC

Tot Ion: 65 Resp: 946013

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

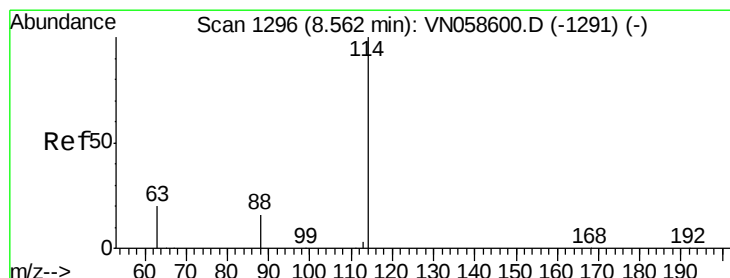
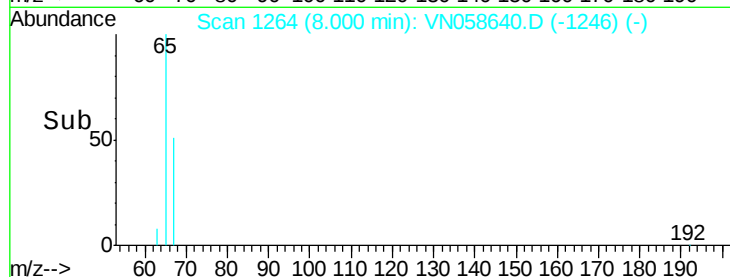
150000

100000

50000

0

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.57 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN058640.D

Acq: 9 Oct 2019 13:52

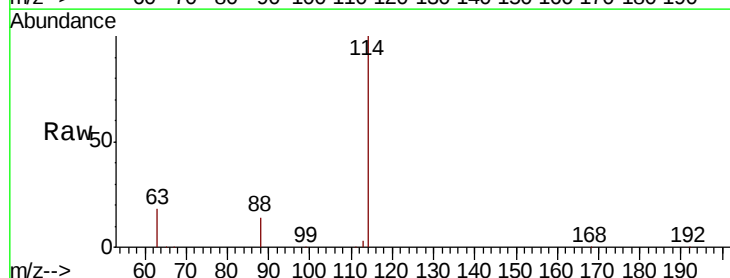
Tgt Ion: 114 Resp: 2200361

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.6

88 14.5 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

8.57

800000

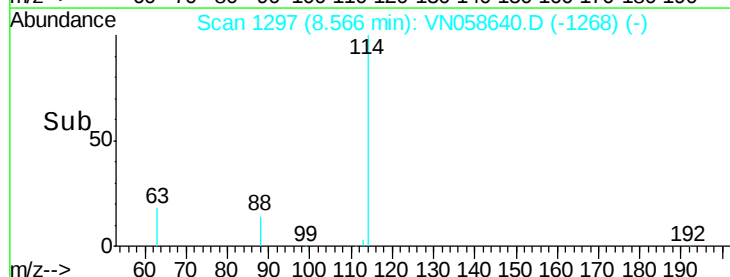
600000

400000

200000

0

Time-->





#5

Dibromofluoromethane

Concen: 5.375 ug/l

RT: 7.57 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN058640.D

Acq: 9 Oct 2019 13:52

Instrument :

MSVOA_N

ClientSampleId :

VSSTDCCC005EC

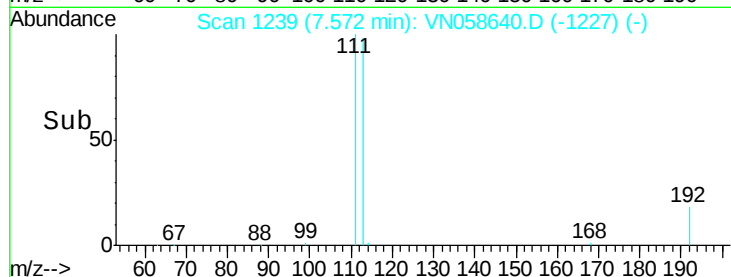
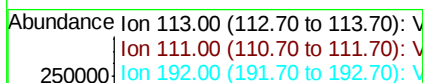
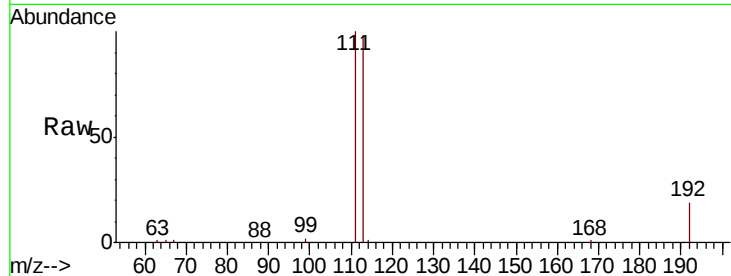
Tot Ion:113 Resp: 745050

Ion Ratio Lower Upper

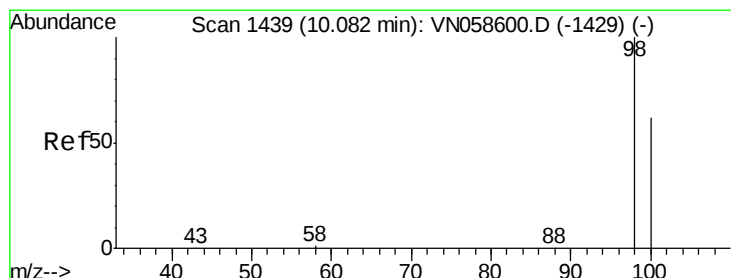
113 100

111 101.7 82.5 123.7

192 19.1 14.9 22.3



Time-->



#6

Toluene-d8

Concen: 5.138 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN058640.D

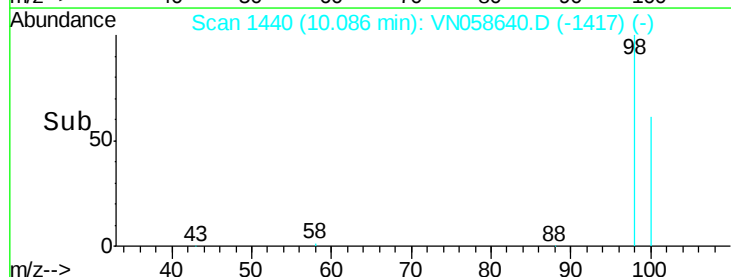
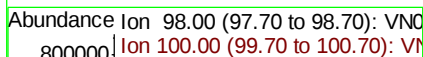
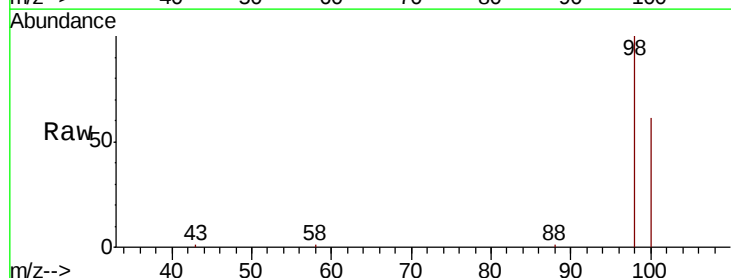
Acq: 9 Oct 2019 13:52

Tgt Ion: 98 Resp: 1609368

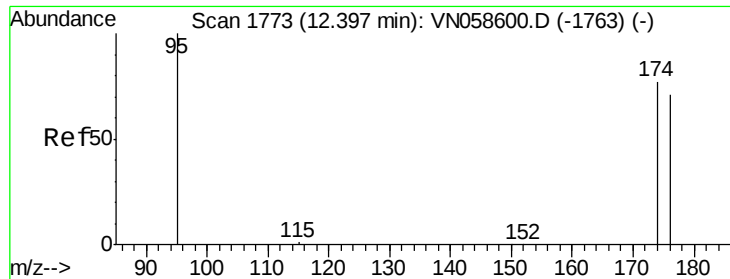
Ion Ratio Lower Upper

98 100

100 61.3 49.4 74.2



Time-->



#7

4-Bromofluorobenzene

Concen: 4.759 ug/l

RT: 12.40 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VN058640.D

Acq: 9 Oct 2019 13:52

Instrument :

MSVOA_N

ClientSampleId :

VSSTDCCC005EC

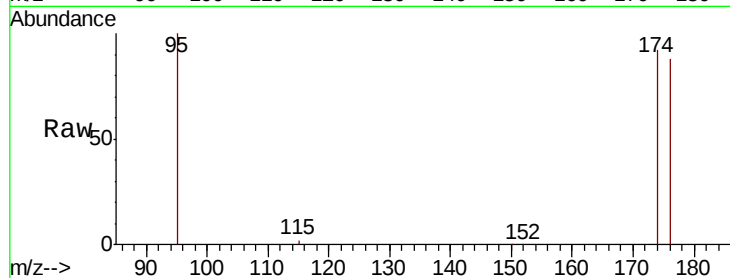
Tot Ion: 95 Resp: 730357

Ion Ratio Lower Upper

95 100

174 92.3 0.0 153.4

176 87.7 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058640.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058640.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058640.D (-1763) (-)

12.40

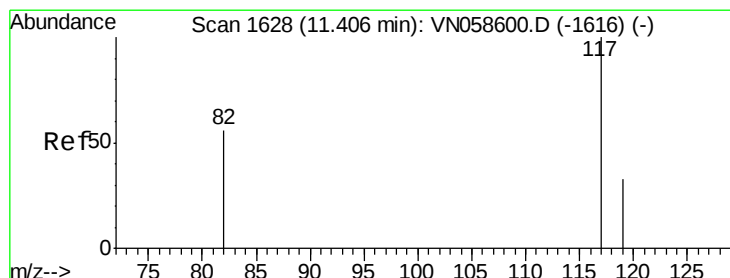
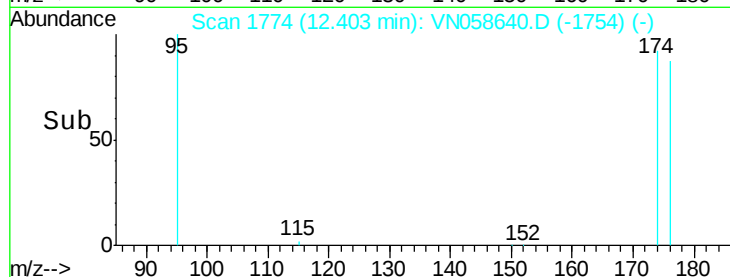
300000

200000

100000

0

Time--> 12.20 12.40 12.60



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN058640.D

Acq: 9 Oct 2019 13:52

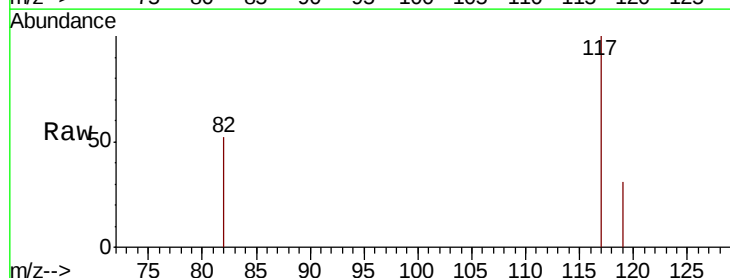
Tgt Ion: 117 Resp: 2007903

Ion Ratio Lower Upper

117 100

82 52.5 44.7 67.1

119 31.5 27.0 40.4



Abundance Ion 117.00 (116.70 to 117.70): VN058640.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058640.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058640.D (-1616) (-)

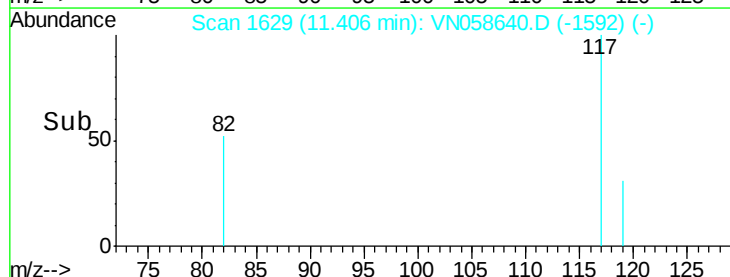
11.41

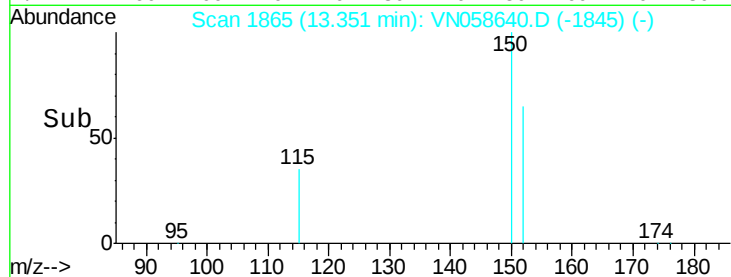
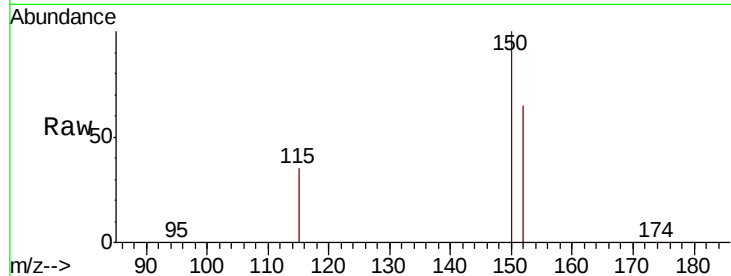
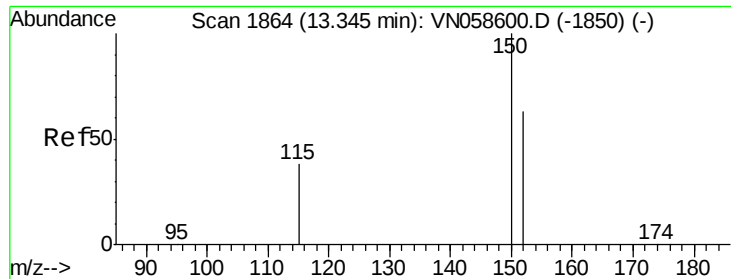
1000000

500000

0

Time--> 11.20 11.40 11.60





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1865

Delta R.T. 0.01 min

Lab File: VN058640.D

Acq: 9 Oct 2019 13:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC005EC

Tot Ion:152 Resp: 749112

Ion Ratio Lower Upper

152 100

115 54.5 29.9 89.8

150 154.8 0.0 315.8

