

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058602.D
 Acq On : 8 Oct 2019 11:58
 Operator : JC/SP
 Sample : VSSTDICV005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:15:46 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	2778658	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	4082810	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	3577224	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1437856	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1697806	5.11	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	102.20%
5) Dibromofluoromethane	7.57	113	1299834	5.05	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	101.00%
6) Toluene-d8	10.08	98	2976548	5.12	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	102.40%
7) 4-Bromofluorobenzene	12.40	95	1409663	4.95	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	99.00%

Target Compounds

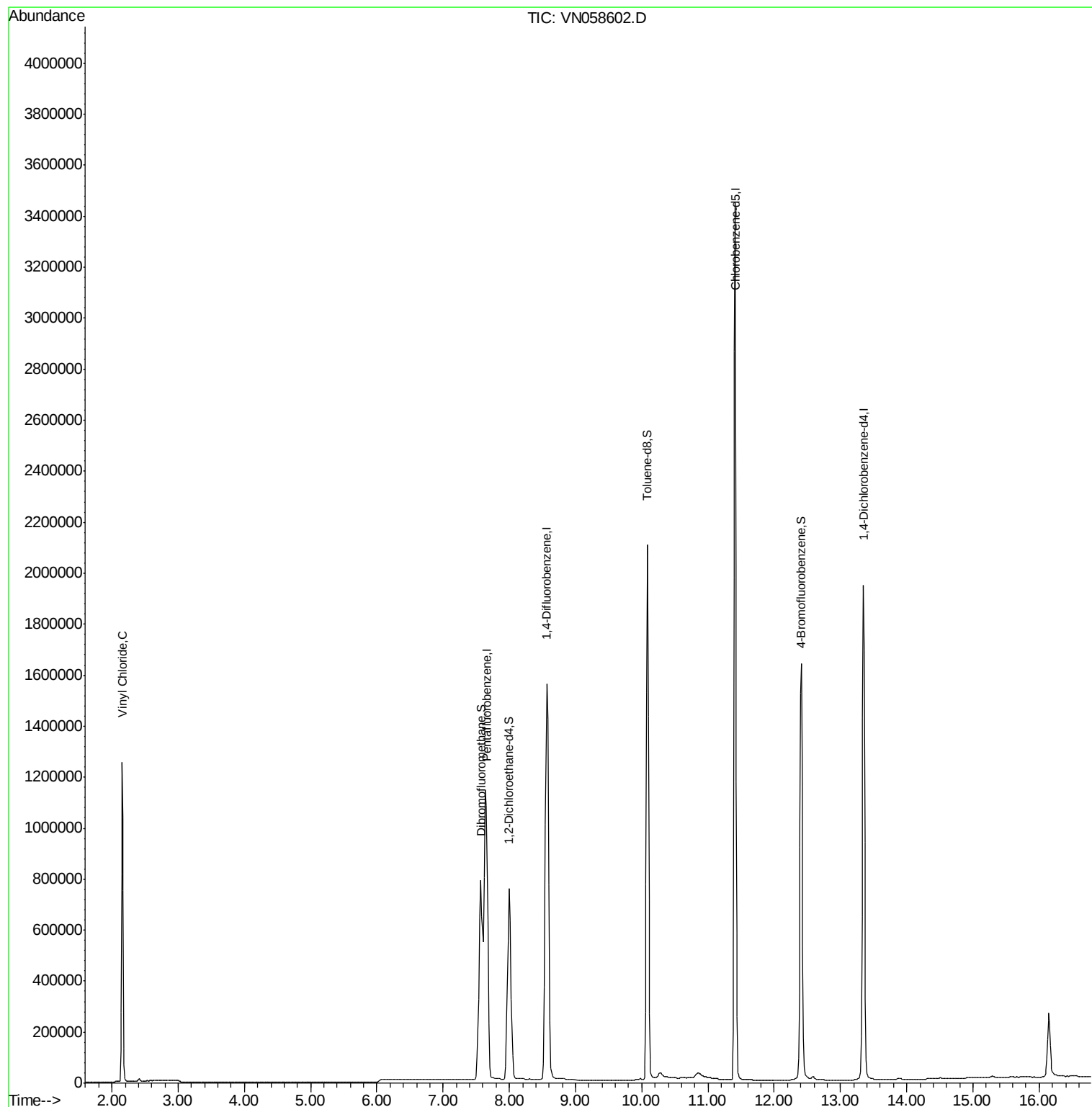
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	1439590	5.098	ug/l	100

(#) = 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: VN058602.D

Acq: 8 Oct 2019 11:58

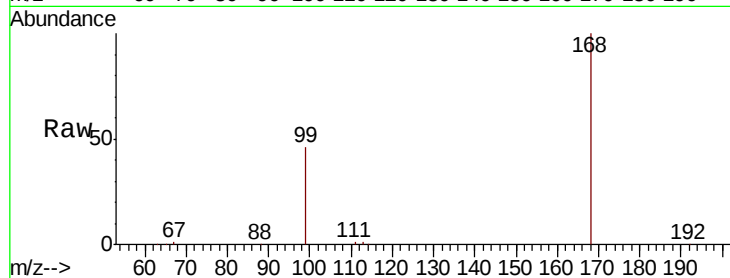
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 2778658

Ion Ratio Lower Upper

168 100

99 46.3 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN058602.D (-1226) (-)

Ion 99.00 (98.70 to 99.70): VN058602.D (-1226) (-)

7.65

800000

600000

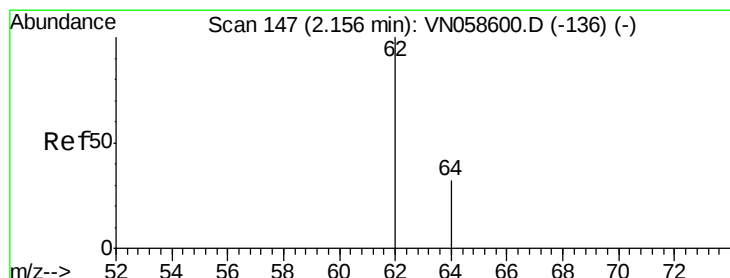
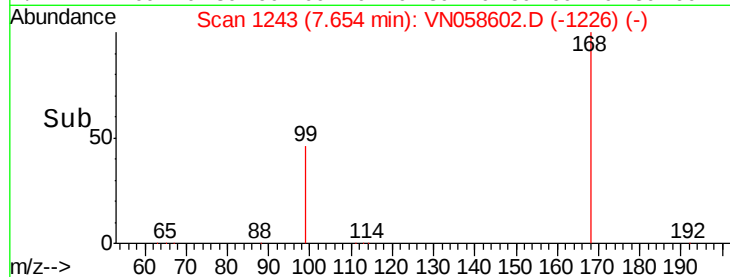
400000

200000

0

Time-->

7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 5.098 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058602.D

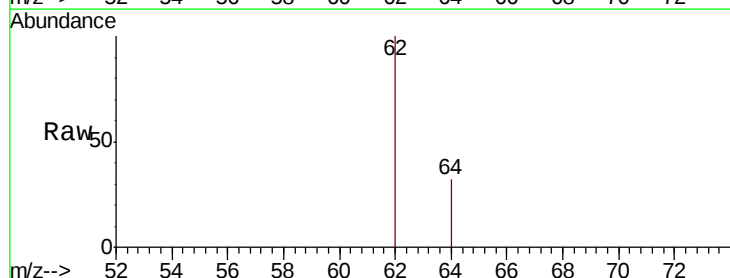
Acq: 8 Oct 2019 11:58

Tgt Ion: 62 Resp: 1439590

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN058602.D (-95) (-)

Ion 64.00 (63.70 to 64.70): VN058602.D (-95) (-)

2.16

1000000

800000

600000

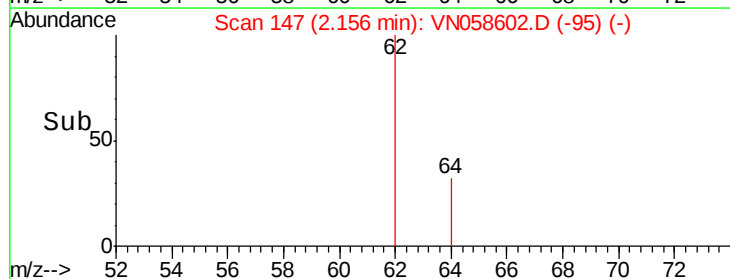
400000

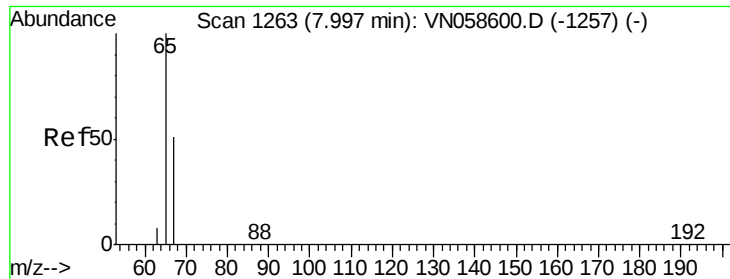
200000

0

Time-->

1.90 2.00 2.10 2.20 2.30





#3

1,2-Dichloroethane-d4

Concen: 5.114 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058602.D

Acq: 8 Oct 2019 11:58

Instrument :

MSVOA_N

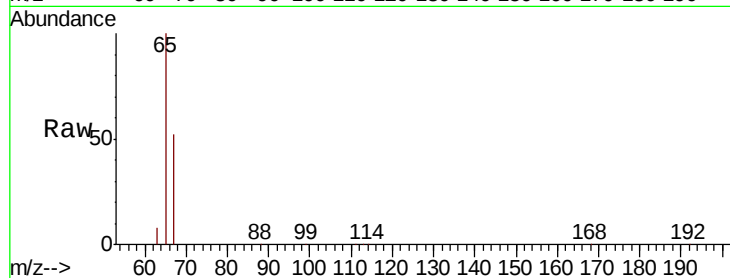
ClientSampleId :

Tot Ion: 65 Resp: 1697806

Ion Ratio Lower Upper

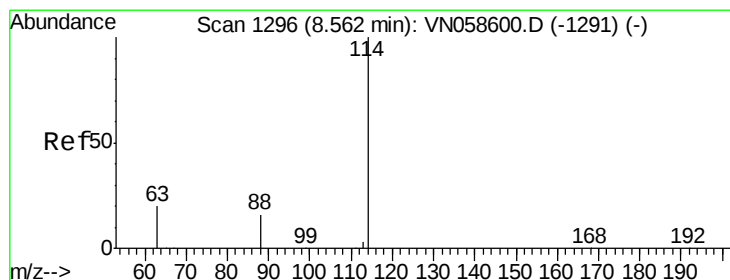
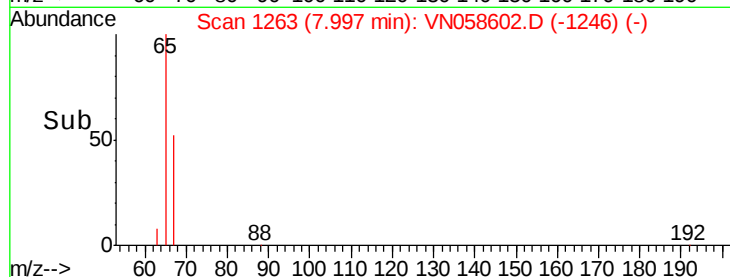
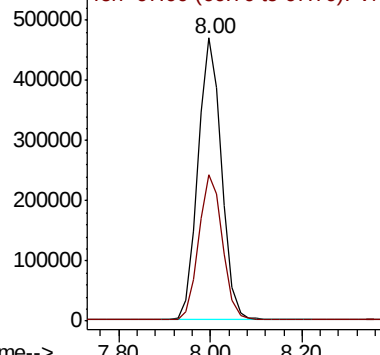
65 100

67 51.9 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058602.D

Acq: 8 Oct 2019 11:58

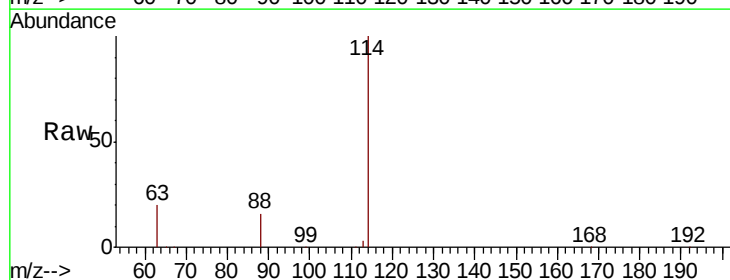
Tgt Ion: 114 Resp: 4082810

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

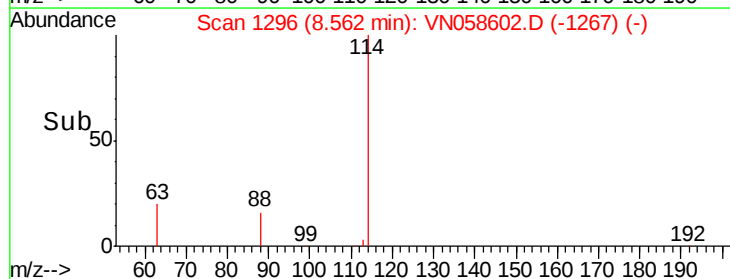
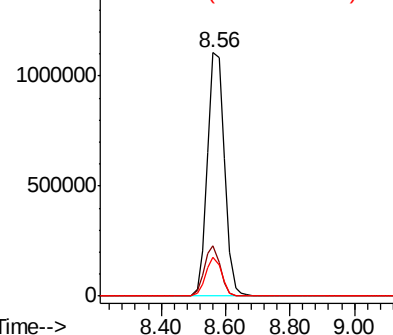
88 16.2 0.0 32.4



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





#5

Dibromofluoromethane

Concen: 5.054 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058602.D

Acq: 8 Oct 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

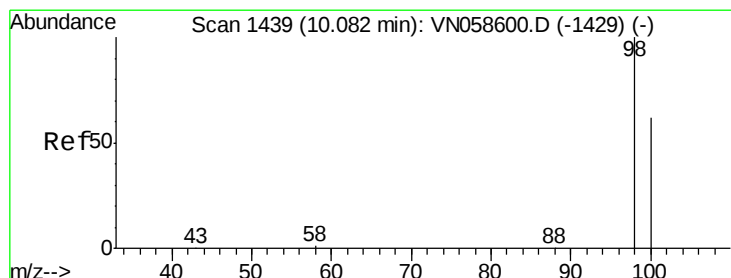
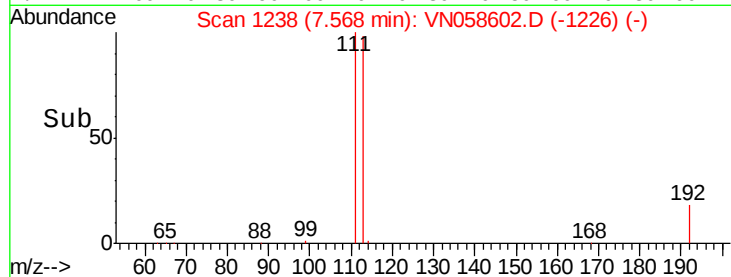
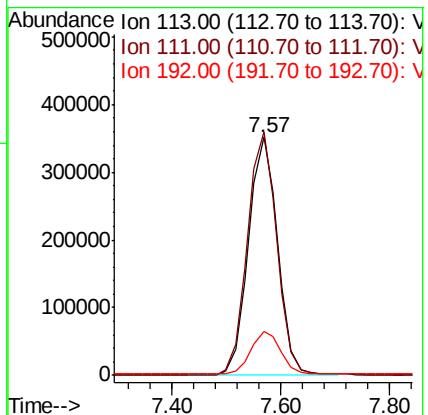
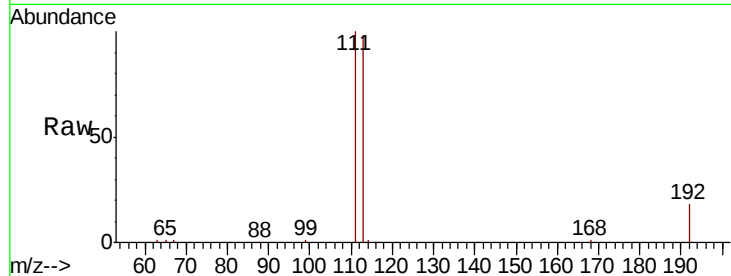
Tot Ion:113 Resp: 1299834

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

192 18.4 14.9 22.3



#6

Toluene-d8

Concen: 5.122 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058602.D

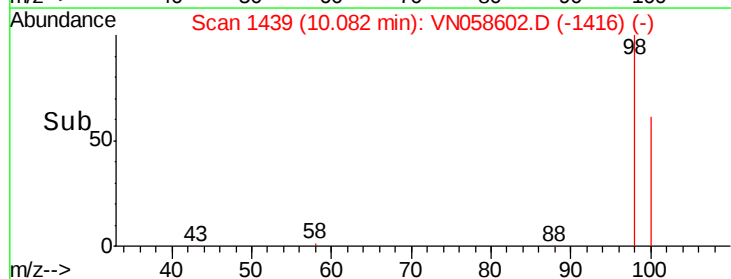
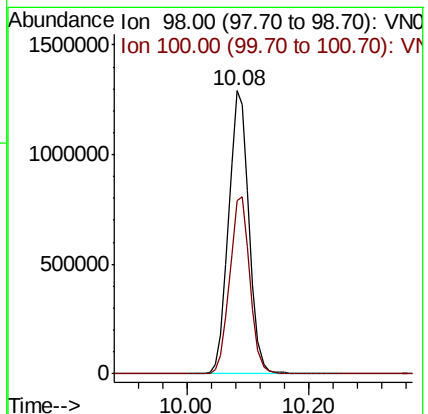
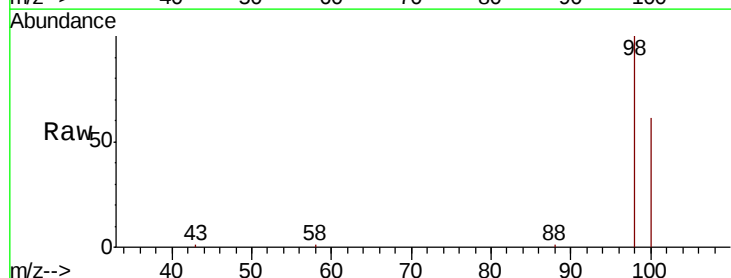
Acq: 8 Oct 2019 11:58

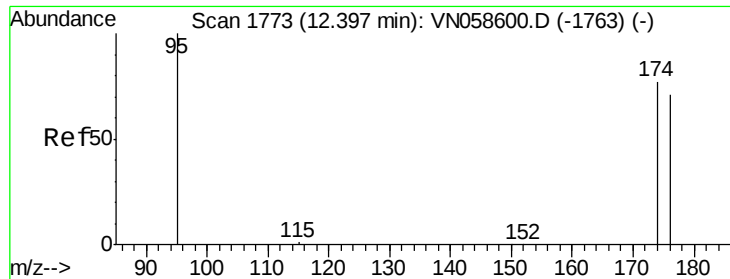
Tgt Ion: 98 Resp: 2976548

Ion Ratio Lower Upper

98 100

100 61.3 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 4.951 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN058602.D

Acq: 8 Oct 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

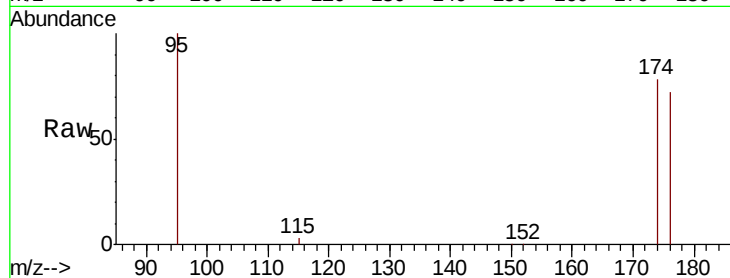
Tot Ion: 95 Resp: 1409663

Ion Ratio Lower Upper

95 100

174 78.1 0.0 153.4

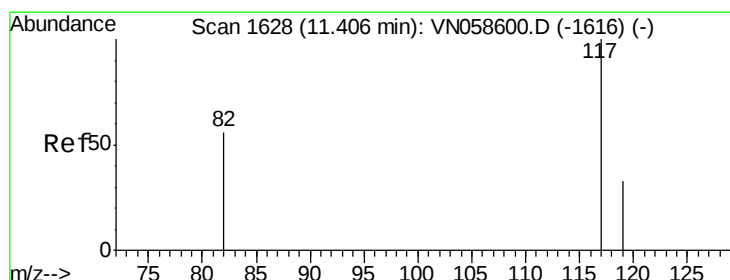
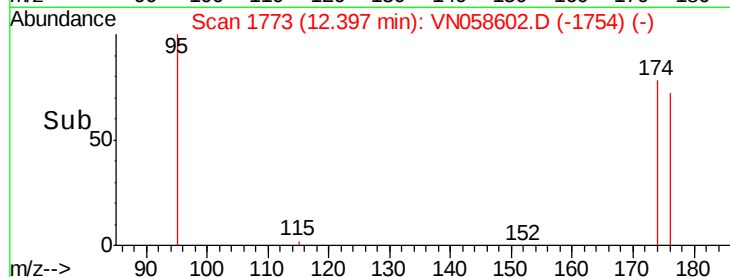
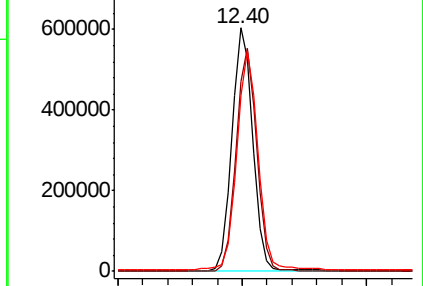
176 72.1 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058602.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058602.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058602.D (-1763) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VN058602.D

Acq: 8 Oct 2019 11:58

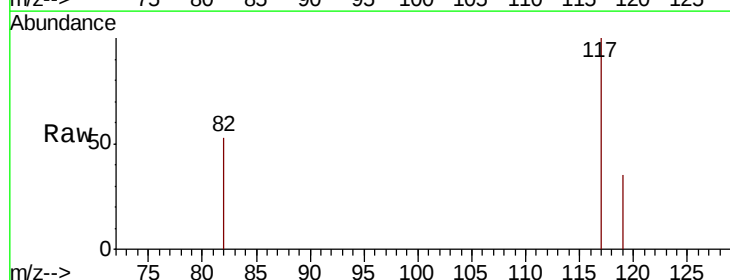
Tgt Ion: 117 Resp: 3577224

Ion Ratio Lower Upper

117 100

82 52.8 44.7 67.1

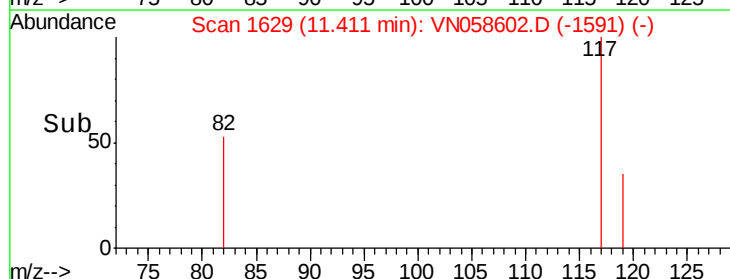
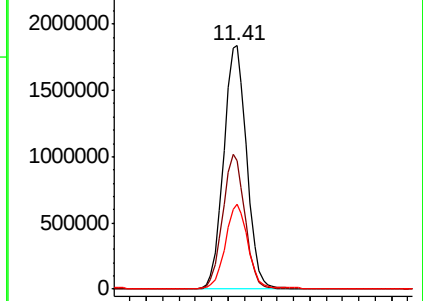
119 35.1 27.0 40.4

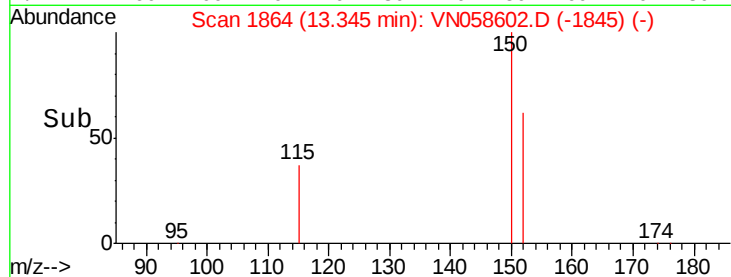
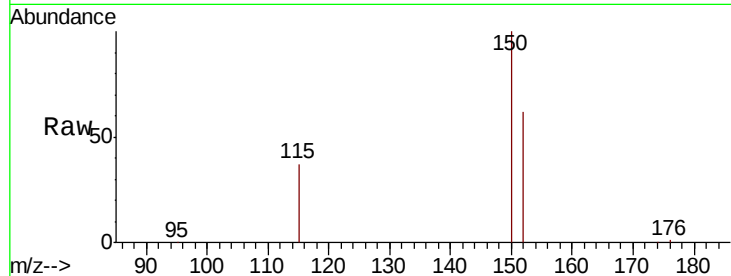
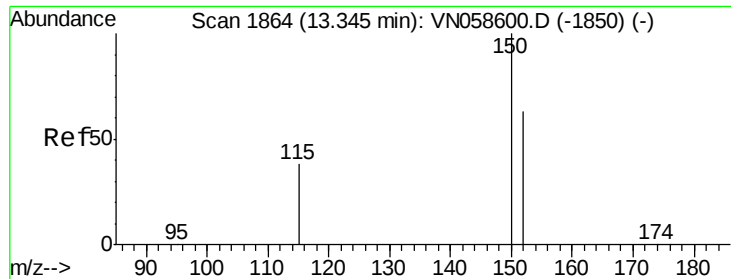


Abundance Ion 117.00 (116.70 to 117.70): VN058602.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058602.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058602.D (-1616) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN058602.D

Acq: 8 Oct 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:152 Resp: 1437856

Ion Ratio Lower Upper

152 100

115 59.9 29.9 89.8

150 160.5 0.0 315.8

