

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058600.D
 Acq On : 8 Oct 2019 11:14
 Operator : JC/SP
 Sample : VSSTDICCC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICCC005

Quant Time: Oct 09 04:06:07 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	2940362	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	4308900	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	3752796	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1517919	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1817853	4.94	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	98.80%
5) Dibromofluoromethane	7.57	113	1409732	5.02	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	100.40%
6) Toluene-d8	10.08	98	3170151	5.44	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	108.80%
7) 4-Bromofluorobenzene	12.40	95	1489455	9.16	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	183.20%#

Target Compounds

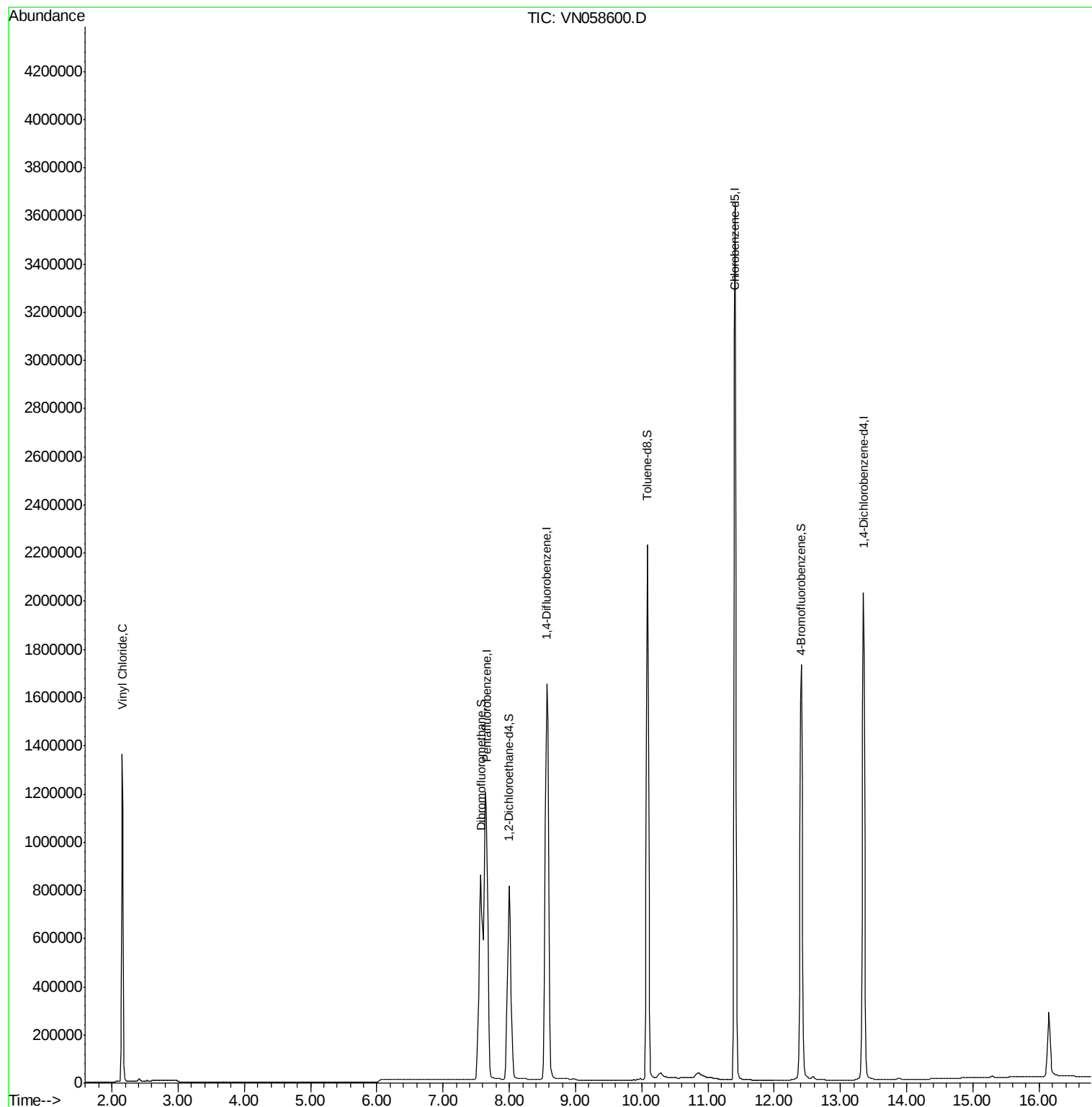
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	1552327	5.642	ug/l	100

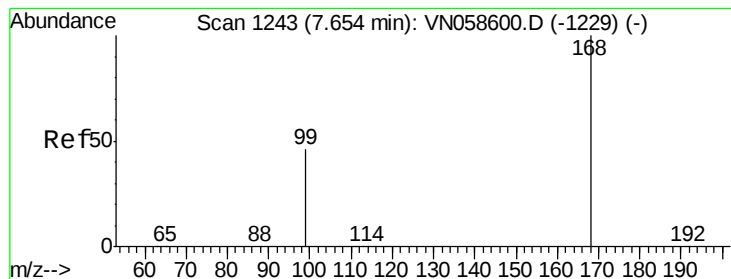
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058600.D

Acq: 8 Oct 2019 11:14

Instrument :

MSVOA_N

ClientSampleId :

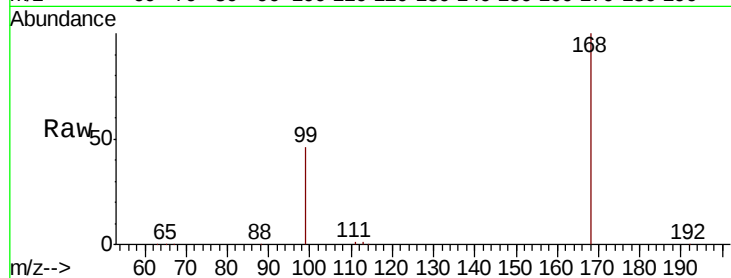
VSSTDICCC005

Tot Ion:168 Resp: 2940362

Ion Ratio Lower Upper

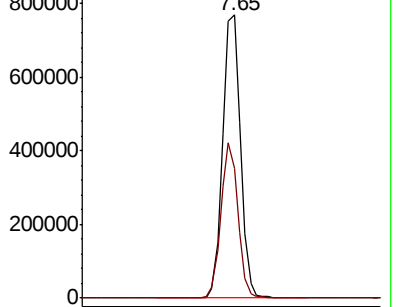
168 100

99 46.0 36.8 55.2

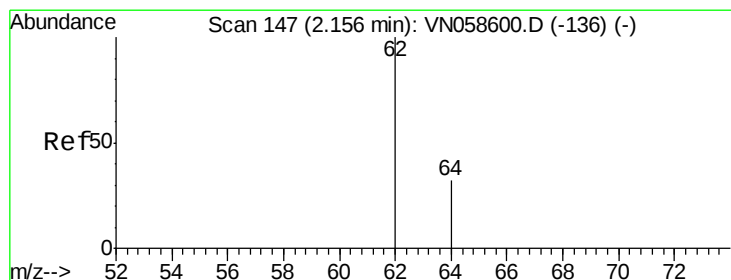
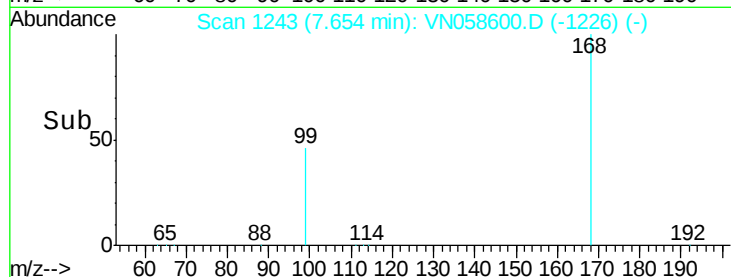


Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VNO



Time--> 7.20 7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 5.642 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058600.D

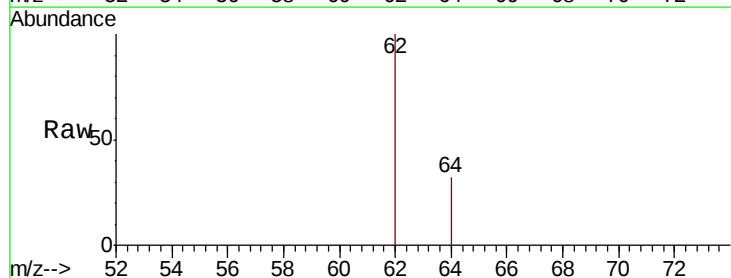
Acq: 8 Oct 2019 11:14

Tgt Ion: 62 Resp: 1552327

Ion Ratio Lower Upper

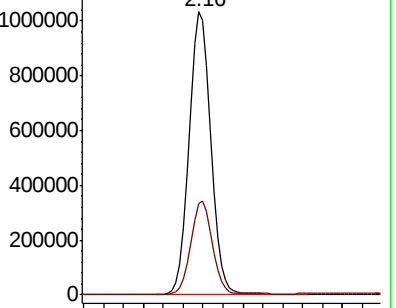
62 100

64 32.2 25.8 38.6

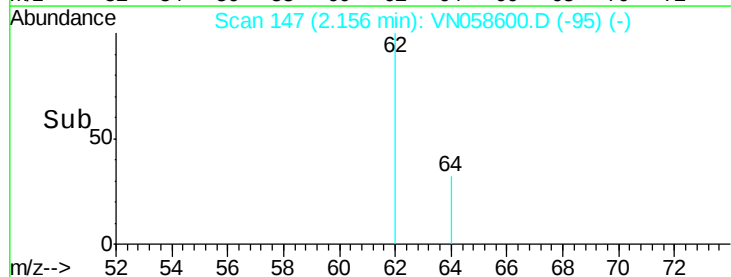


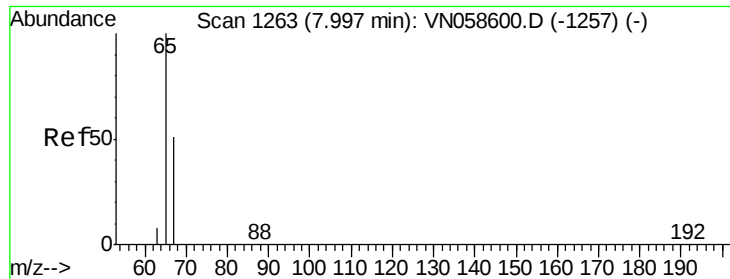
Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO



Time--> 2.10 2.20 2.30





#3

1,2-Dichloroethane-d4

Concen: 4.941 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058600.D

Acq: 8 Oct 2019 11:14

Instrument :

MSVOA_N

ClientSampleId :

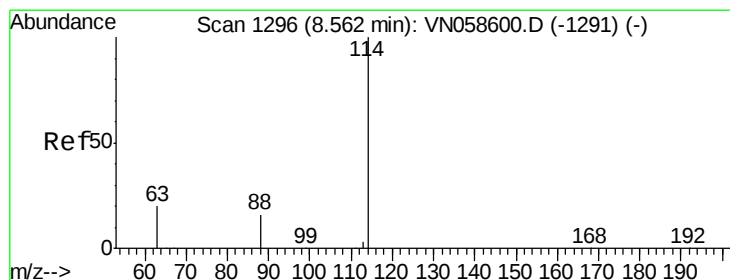
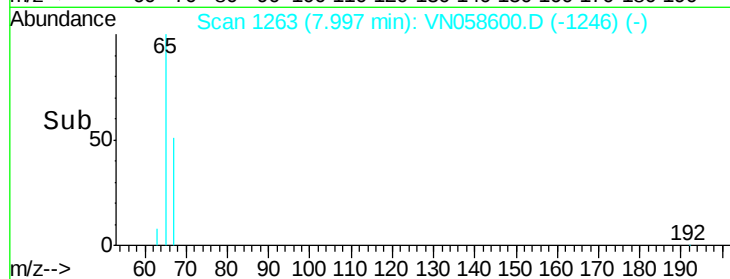
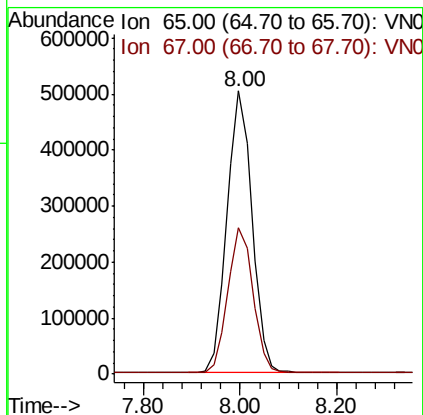
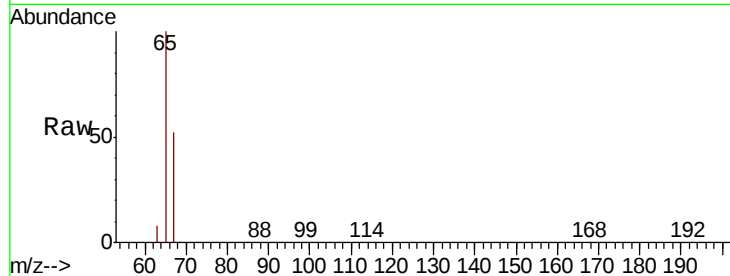
VSSTDICCC005

Tot Ion: 65 Resp: 1817853

Ion Ratio Lower Upper

65 100

67 51.7 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: VN058600.D

Acq: 8 Oct 2019 11:14

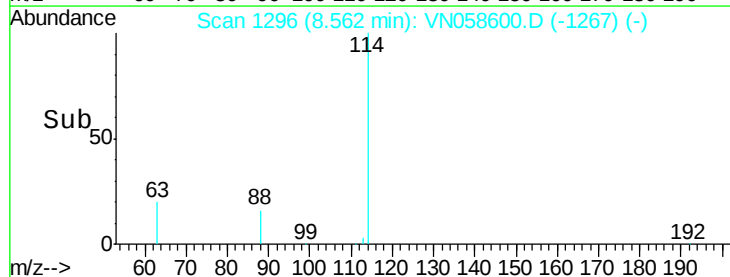
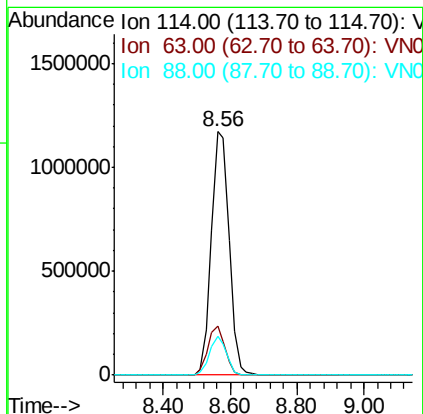
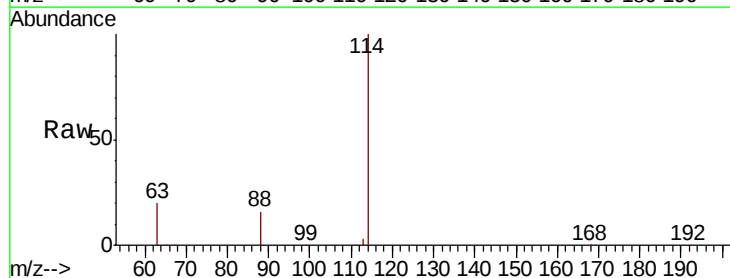
Tgt Ion: 114 Resp: 4308900

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 16.2 0.0 32.4





#5

Dibromofluoromethane

Concen: 5.025 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058600.D

Acq: 8 Oct 2019 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICCC005

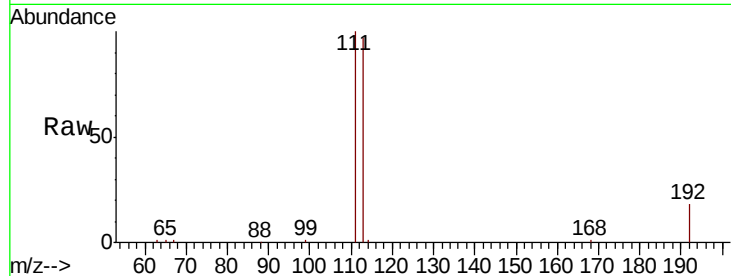
Tot Ion:113 Resp: 1409732

Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

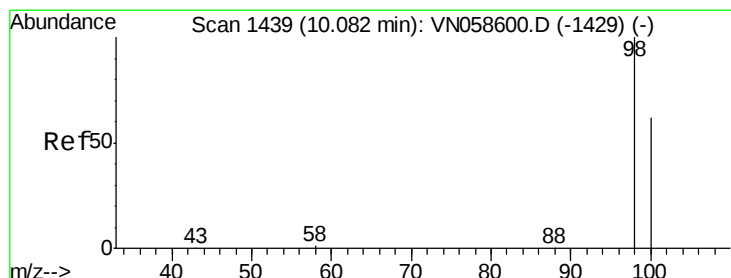
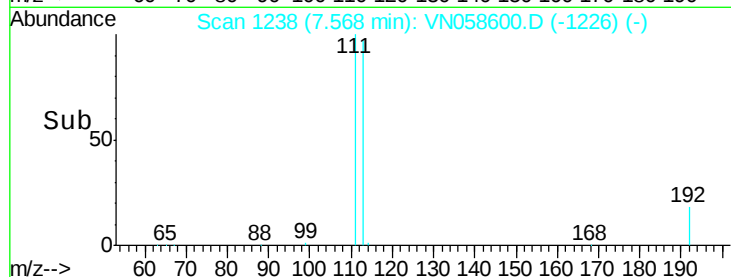
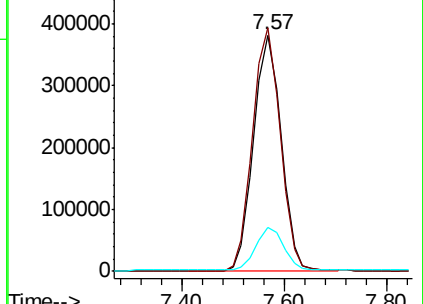
192 18.6 14.9 22.3



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#6

Toluene-d8

Concen: 5.440 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058600.D

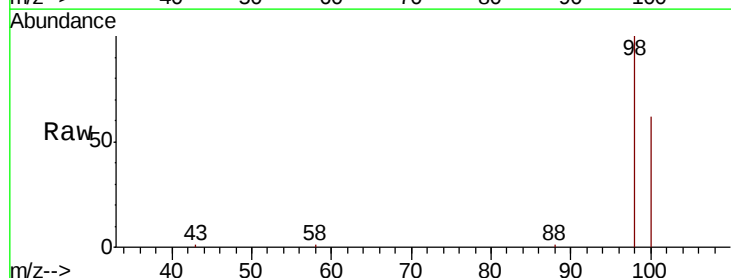
Acq: 8 Oct 2019 11:14

Tgt Ion: 98 Resp: 3170151

Ion Ratio Lower Upper

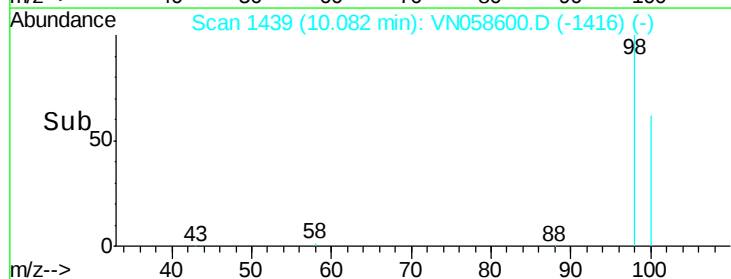
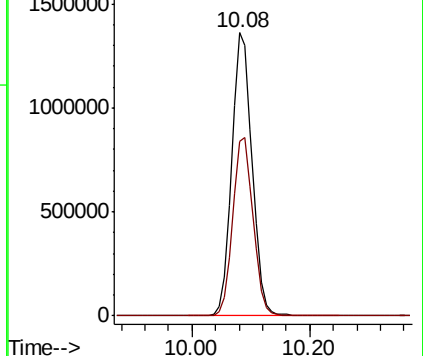
98 100

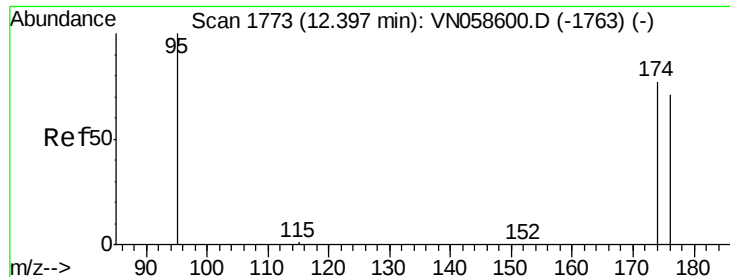
100 61.8 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 9.163 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058600.D

Acq: 8 Oct 2019 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICCC005

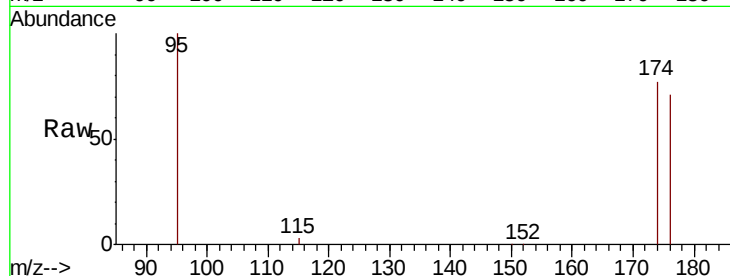
Tot Ion: 95 Resp: 1489455

Ion Ratio Lower Upper

95 100

174 76.7 0.0 153.4

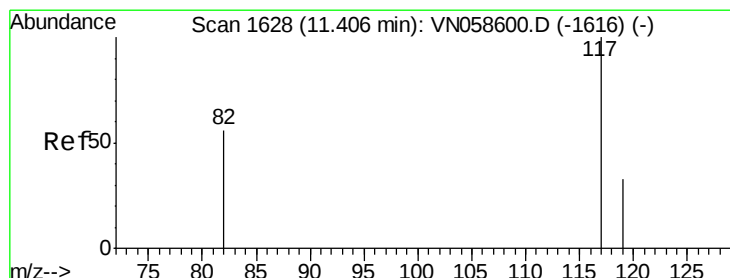
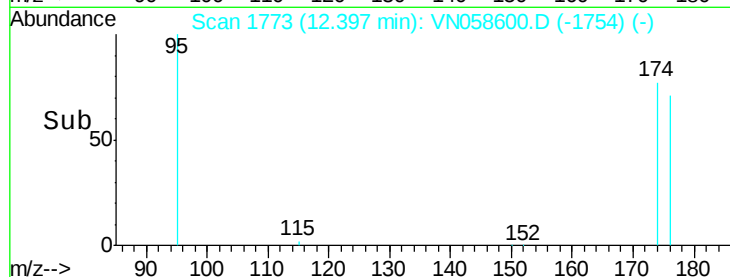
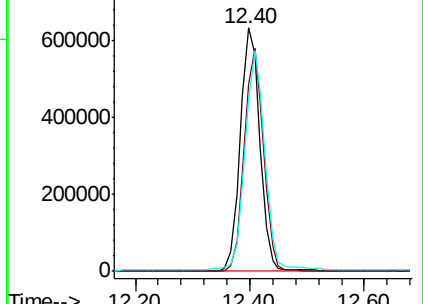
176 71.1 0.0 142.2



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) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058600.D

Acq: 8 Oct 2019 11:14

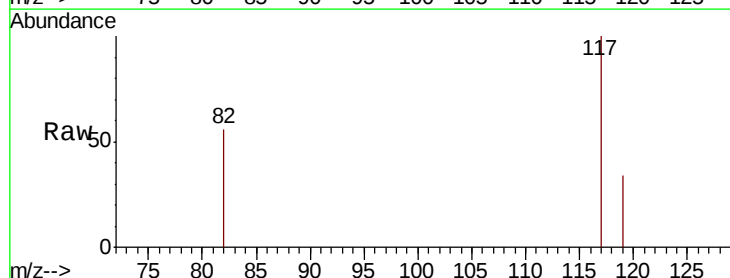
Tgt Ion: 117 Resp: 3752796

Ion Ratio Lower Upper

117 100

82 55.9 44.7 67.1

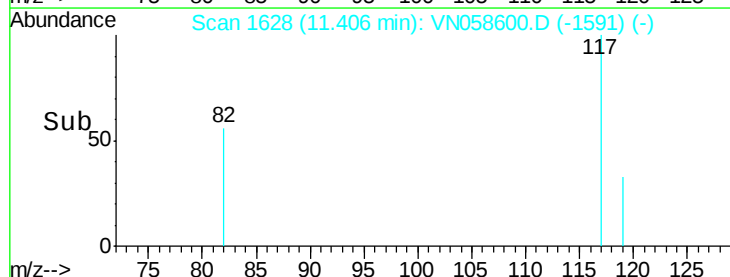
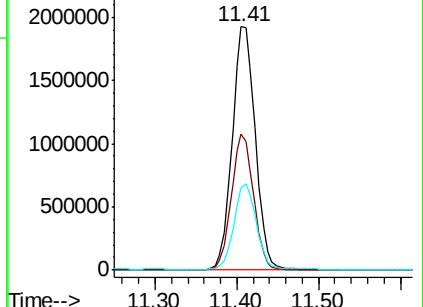
119 33.7 27.0 40.4

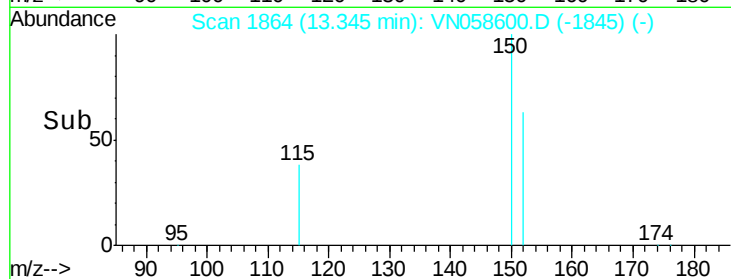
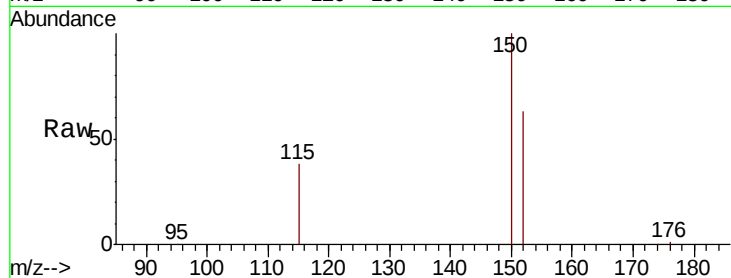
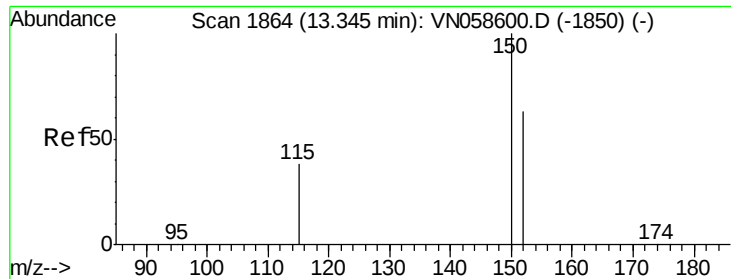


Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

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

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





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN058600.D

Acq: 8 Oct 2019 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICCC005

Tot Ion:152 Resp: 1517919

Ion Ratio Lower Upper

152 100

115 59.9 29.9 89.8

150 157.9 0.0 315.8

