

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058601.D
 Acq On : 8 Oct 2019 11:36
 Operator : JC/SP
 Sample : VSSTDICC008
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC008

Quant Time: Oct 09 04:06:13 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	2886294	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	4248641	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	3694355	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1485871	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	2808249	7.78	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	155.60%#
5) Dibromofluoromethane	7.57	113	2161284	7.81	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	156.20%#
6) Toluene-d8	10.08	98	4673352	8.13	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	162.60%#
7) 4-Bromofluorobenzene	12.40	95	2290067	14.29	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	285.80%#

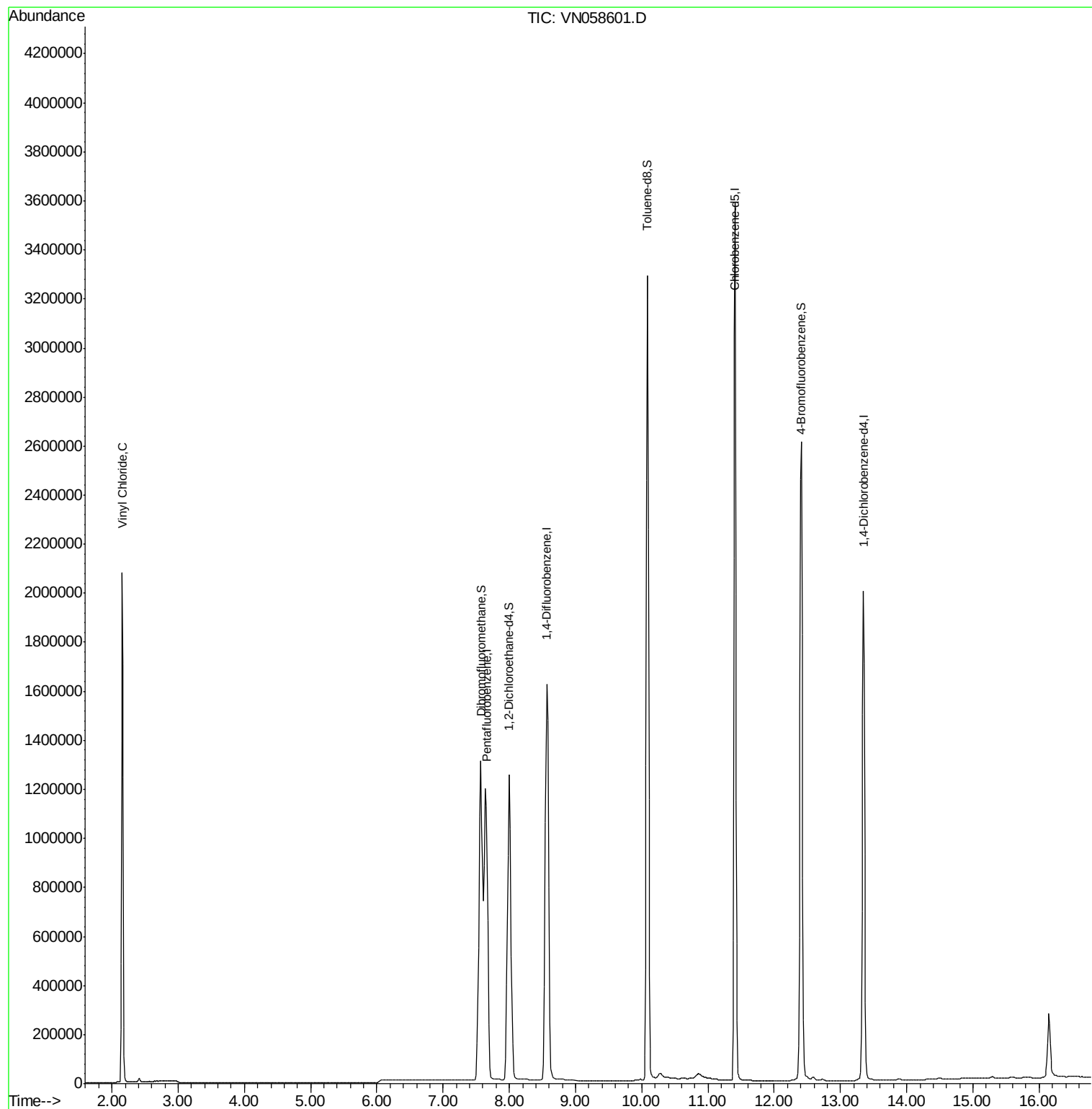
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	2368676	8.771 ug/l	98

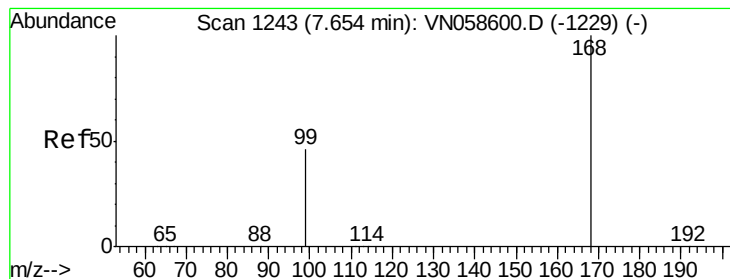
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058601.D

Acq: 8 Oct 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

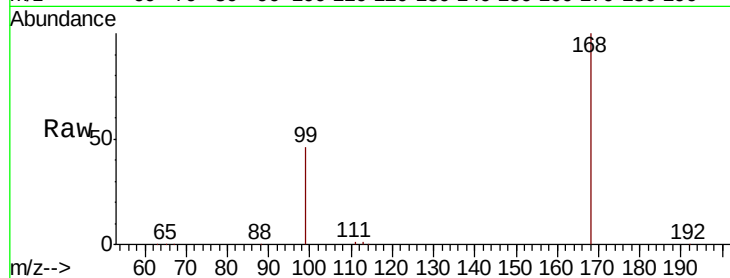
VSSTDICC008

Tot Ion:168 Resp: 2886294

Ion Ratio Lower Upper

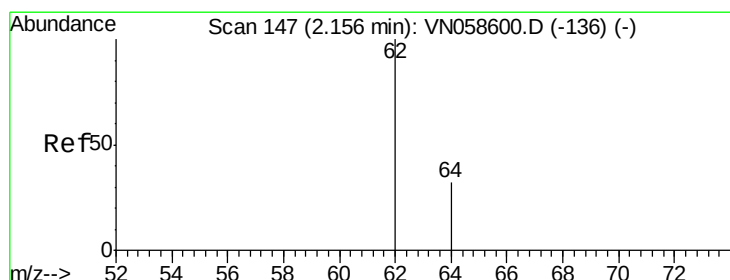
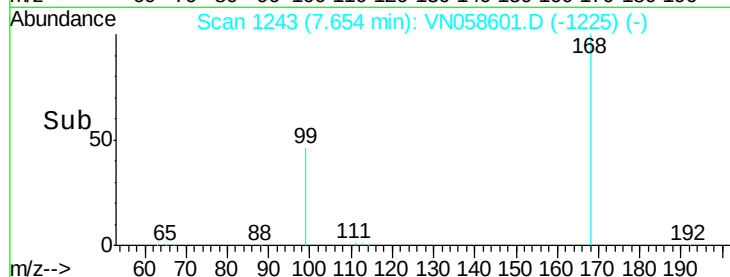
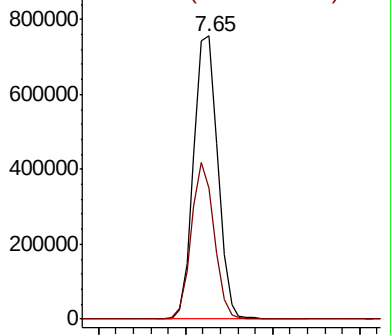
168 100

99 46.4 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#2

Vinyl Chloride

Concen: 8.771 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058601.D

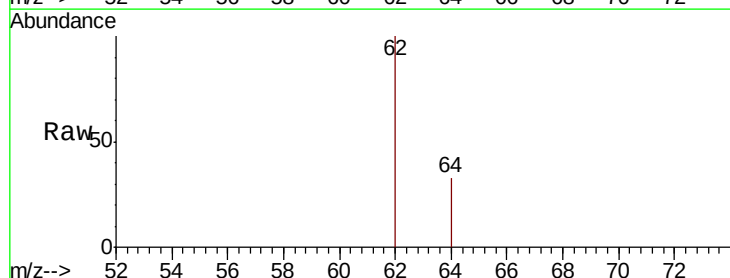
Acq: 8 Oct 2019 11:36

Tgt Ion: 62 Resp: 2368676

Ion Ratio Lower Upper

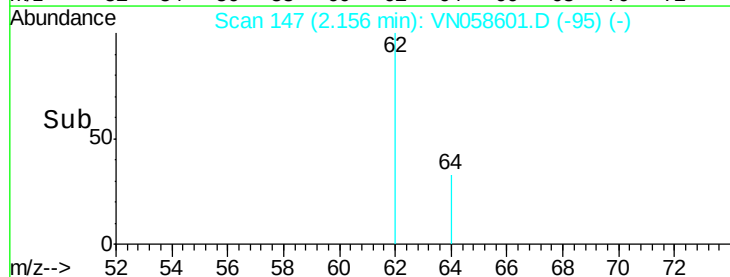
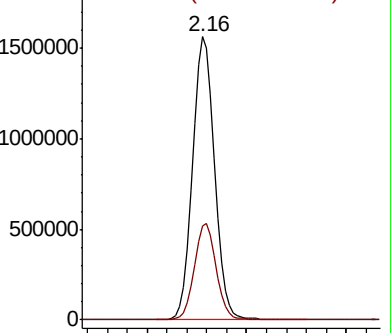
62 100

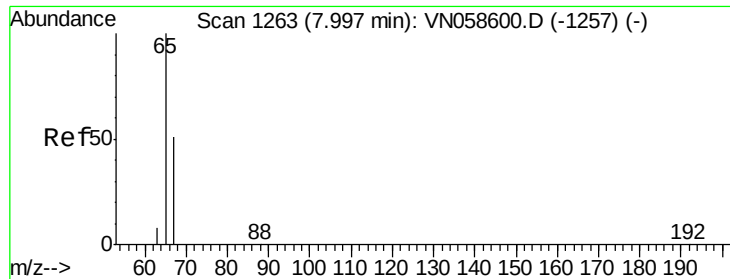
64 33.3 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN





#3

1,2-Dichloroethane-d4

Concen: 7.776 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058601.D

Acq: 8 Oct 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

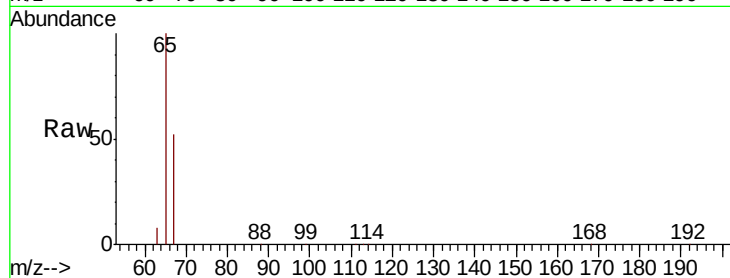
VSSTDICC008

Tot Ion: 65 Resp: 2808249

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058601.D (-1245) (-)

Ion 67.00 (66.70 to 67.70): VN058601.D (-1245) (-)

8.00

800000

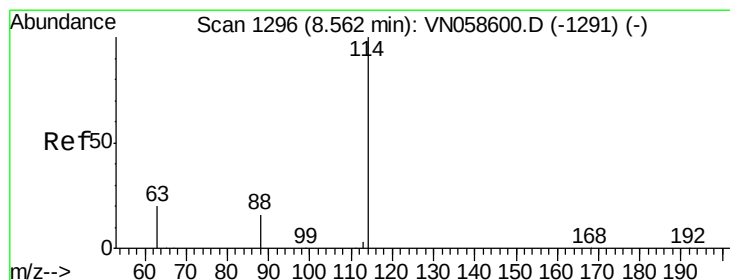
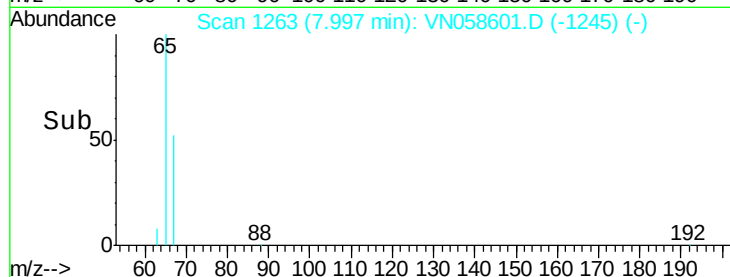
600000

400000

200000

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: VN058601.D

Acq: 8 Oct 2019 11:36

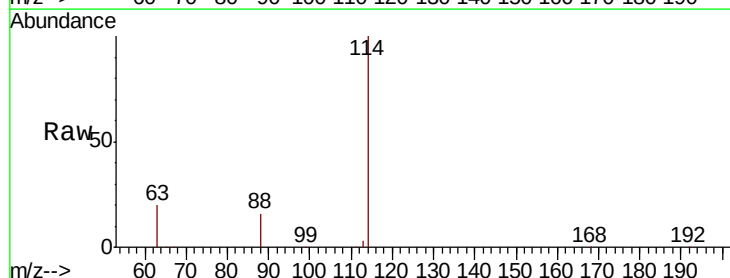
Tgt Ion: 114 Resp: 4248641

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 16.0 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058601.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058601.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058601.D (-1267) (-)

8.56

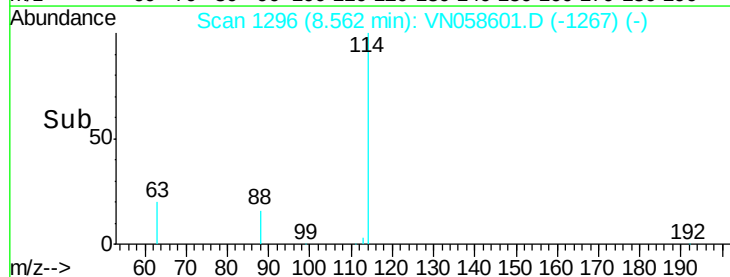
1500000

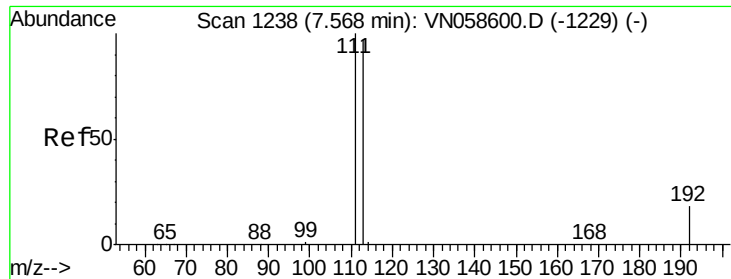
1000000

500000

0

Time-->





#5

Dibromofluoromethane

Concen: 7.813 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058601.D

Acq: 8 Oct 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC008

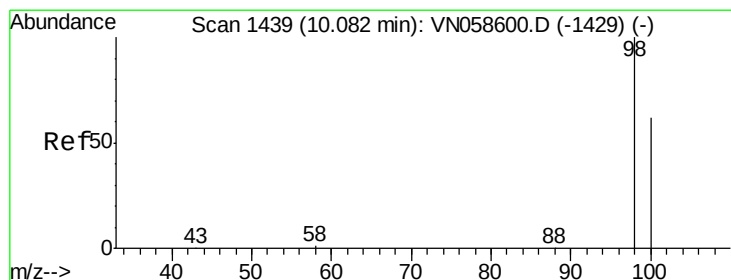
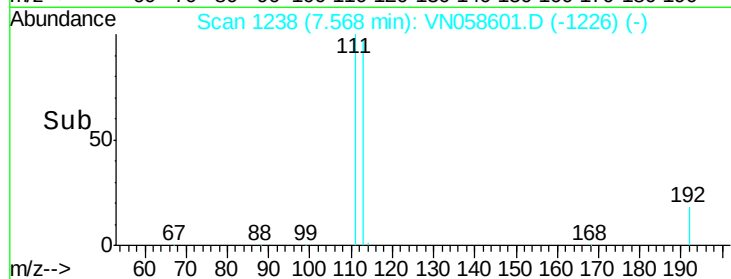
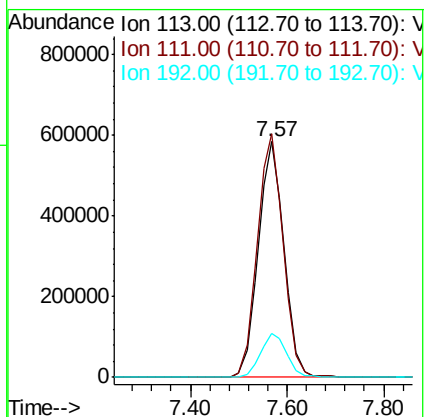
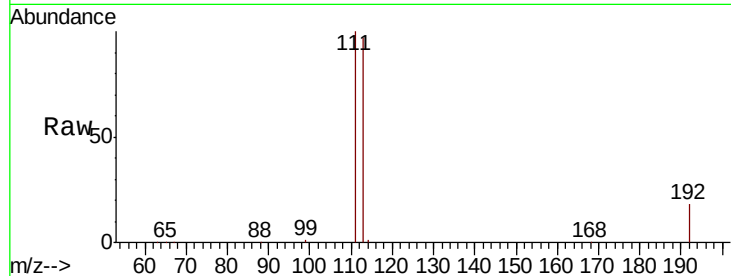
Tot Ion:113 Resp: 2161284

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

192 18.6 14.9 22.3



#6

Toluene-d8

Concen: 8.133 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058601.D

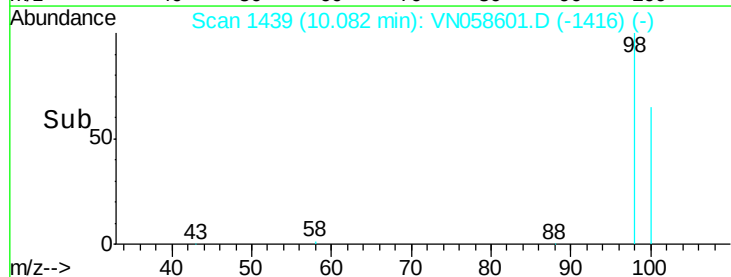
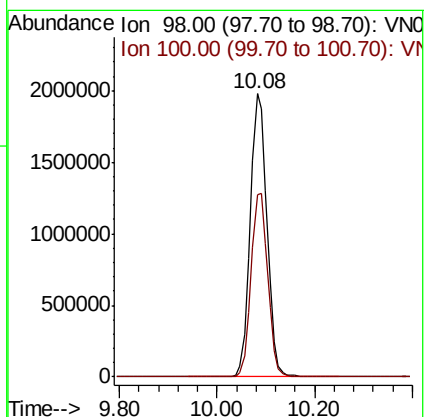
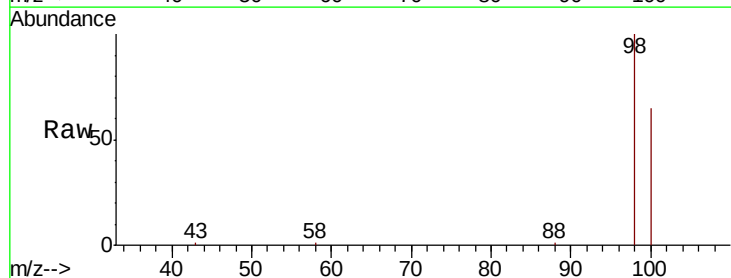
Acq: 8 Oct 2019 11:36

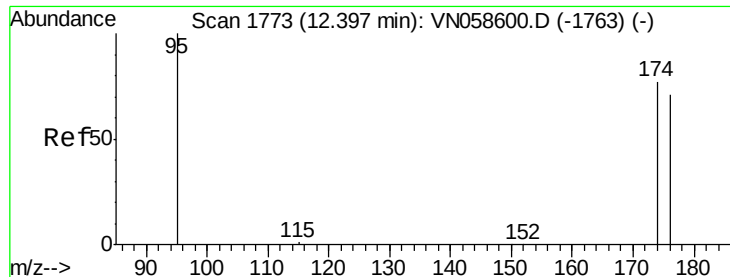
Tgt Ion: 98 Resp: 4673352

Ion Ratio Lower Upper

98 100

100 64.6 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 14.289 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058601.D

Acq: 8 Oct 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC008

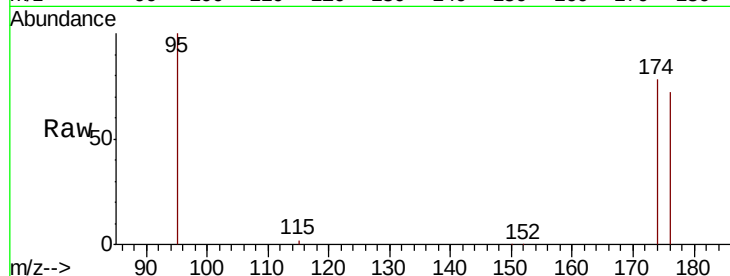
Tot Ion: 95 Resp: 2290067

Ion Ratio Lower Upper

95 100

174 78.1 0.0 153.4

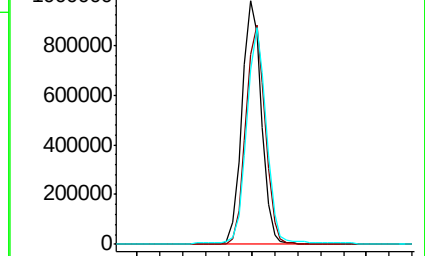
176 71.7 0.0 142.2



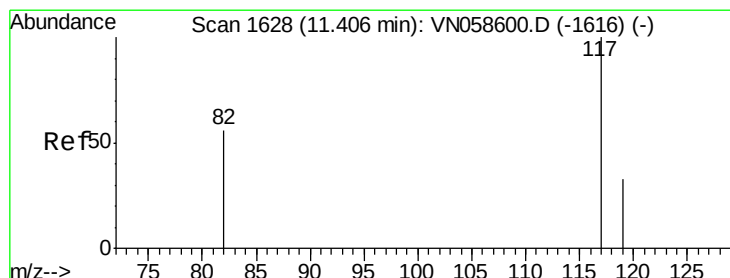
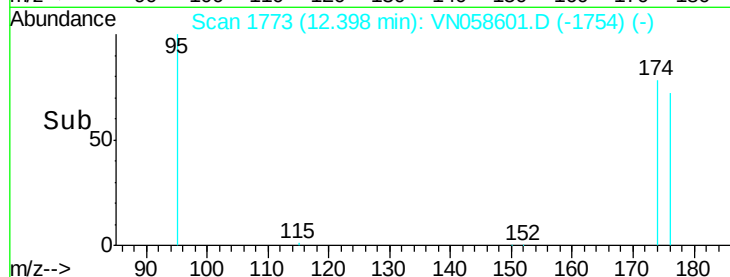
Abundance Ion 95.00 (94.70 to 95.70): VN058601.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058601.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058601.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: VN058601.D

Acq: 8 Oct 2019 11:36

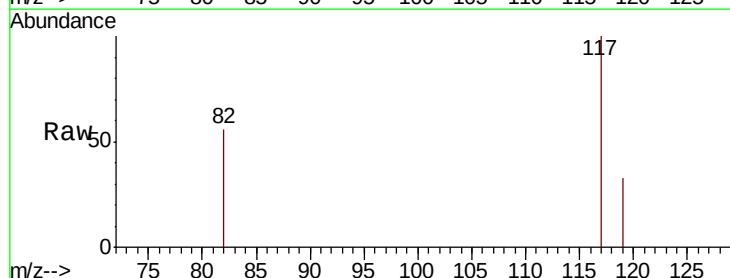
Tgt Ion: 117 Resp: 3694355

Ion Ratio Lower Upper

117 100

82 55.6 44.7 67.1

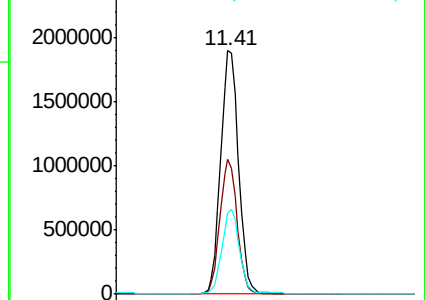
119 33.4 27.0 40.4



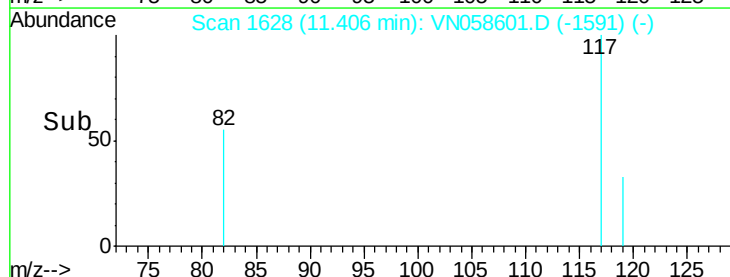
Abundance Ion 117.00 (116.70 to 117.70): VN058601.D (-1616) (-)

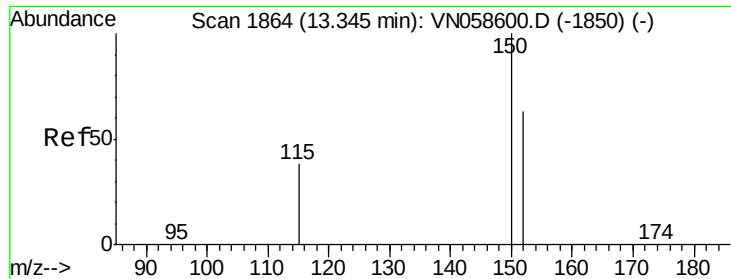
Ion 82.00 (81.70 to 82.70): VN058601.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058601.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: VN058601.D
 Acq: 8 Oct 2019 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC008

Tot Ion:152 Resp: 1485871
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.9 89.8
 150 158.6 0.0 315.8

