

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102219\
 Data File : VN058897.D
 Acq On : 22 Oct 2019 9:17
 Operator : JC/SP
 Sample : VSSTDCCC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDCCC005

Quant Time: Oct 23 04:53:32 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	2048741	5.00	ug/l	-0.02
4) 1,4-Difluorobenzene	8.56	114	2828918	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2511184	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	820589	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1246579	5.09	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	101.80%
5) Dibromofluoromethane	7.57	113	963276	5.41	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	108.20%
6) Toluene-d8	10.08	98	2141334	5.32	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	106.40%
7) 4-Bromofluorobenzene	12.40	95	959492	4.86	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	97.20%

Target Compounds

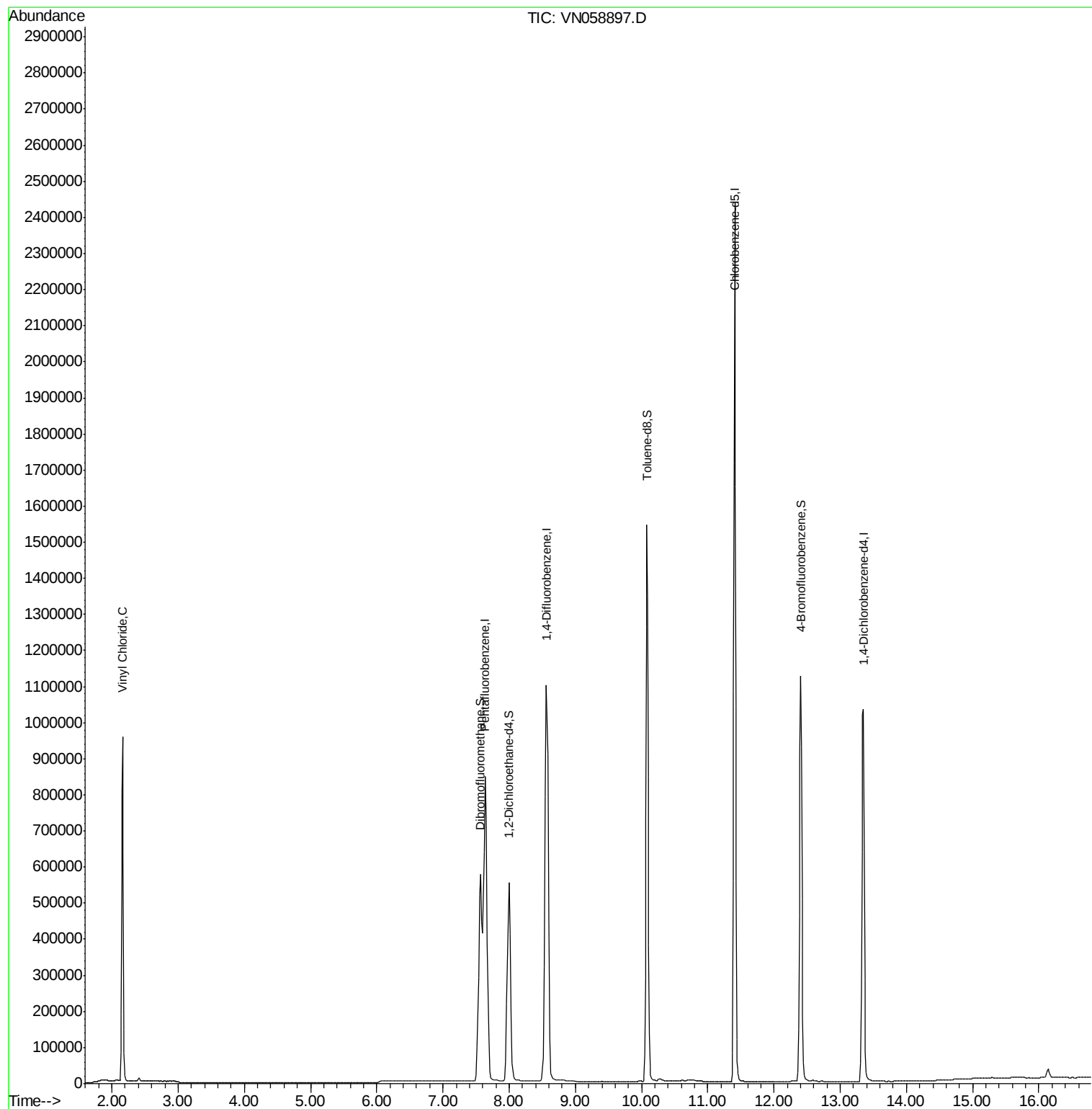
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	1117994	5.370	ug/l	99

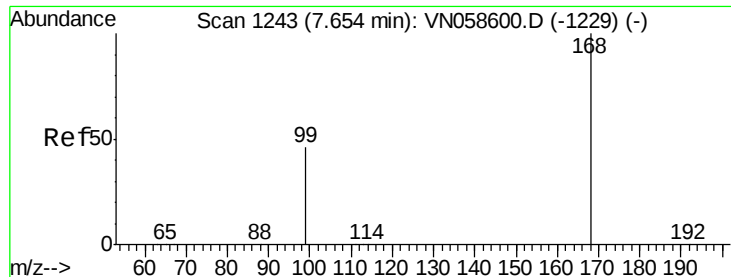
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VN058897.D

Acq: 22 Oct 2019 9:17

Instrument :

MSVOA_N

ClientSampleId :

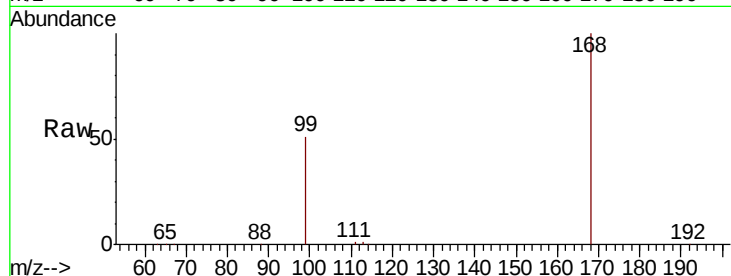
VSTDCCC005

Tot Ion:168 Resp: 2048741

Ion Ratio Lower Upper

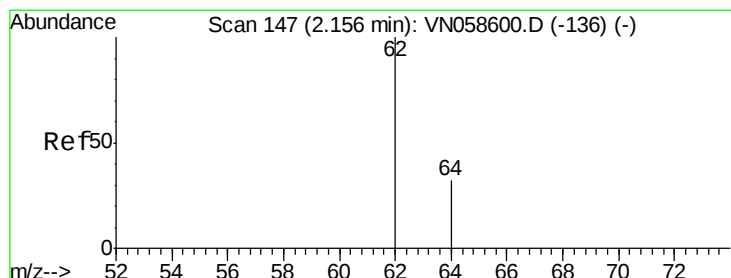
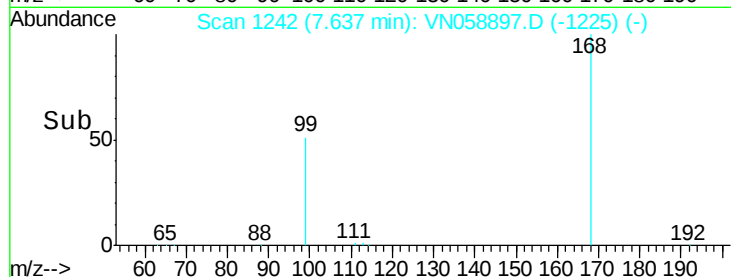
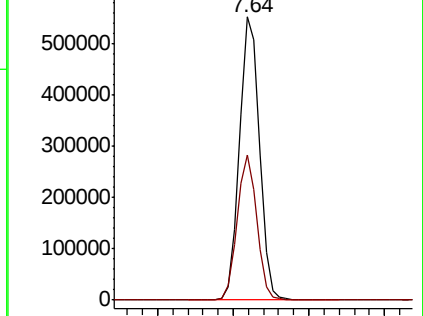
168 100

99 51.3 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: 5.370 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058897.D

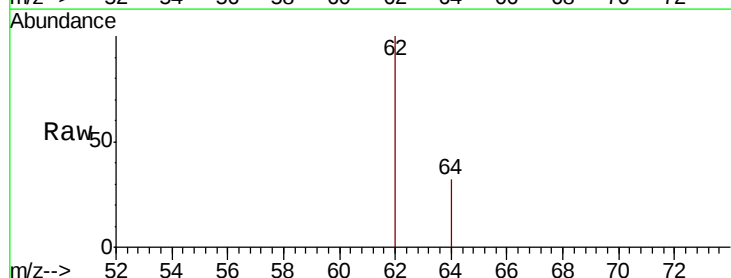
Acq: 22 Oct 2019 9:17

Tgt Ion: 62 Resp: 1117994

Ion Ratio Lower Upper

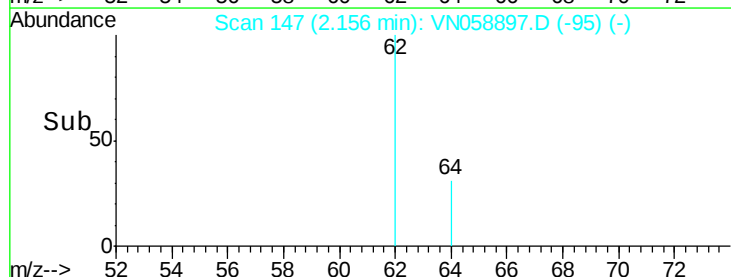
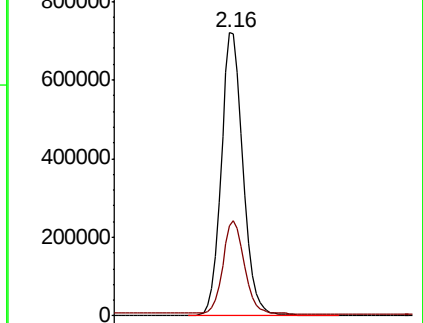
62 100

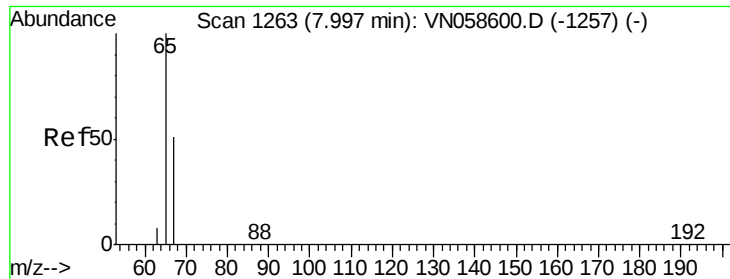
64 31.8 25.8 38.6



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: 5.093 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058897.D

Acq: 22 Oct 2019 9:17

Instrument :

MSVOA_N

ClientSampleId :

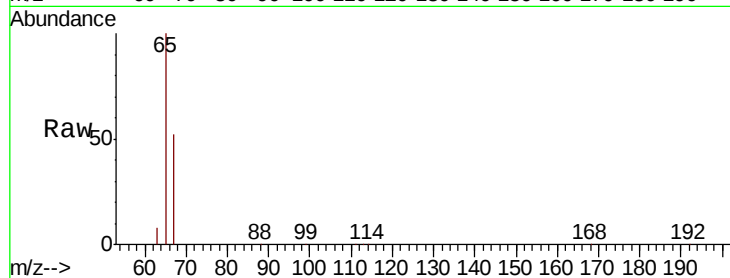
VSTDCCC005

Tot Ion: 65 Resp: 1246579

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058897.D (-1245) (-)

Ion 67.00 (66.70 to 67.70): VN058897.D (-1245) (-)

8.00

400000

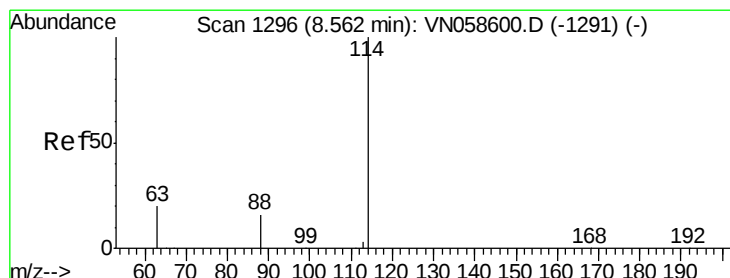
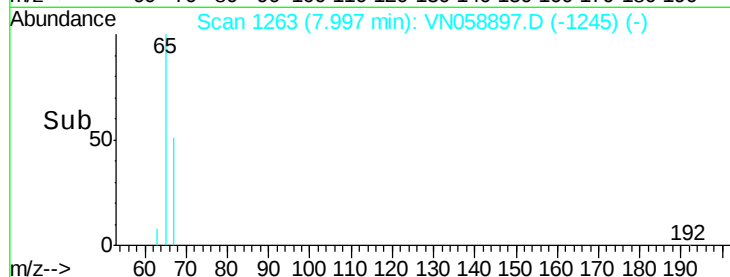
300000

200000

100000

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: VN058897.D

Acq: 22 Oct 2019 9:17

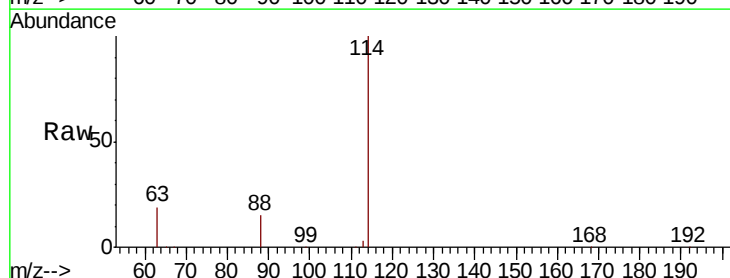
Tgt Ion: 114 Resp: 2828918

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.6

88 15.1 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058897.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058897.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058897.D (-1267) (-)

8.56

1000000

800000

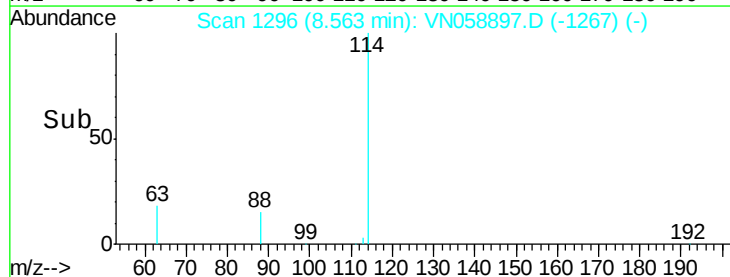
600000

400000

200000

0

Time-->

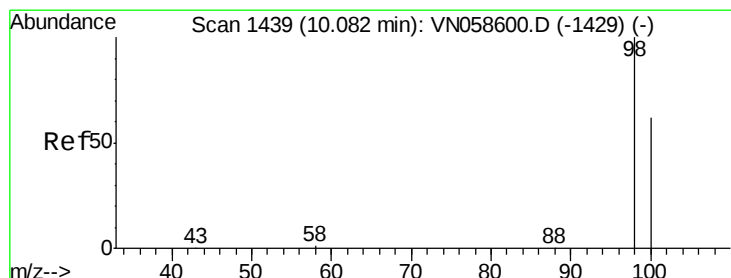
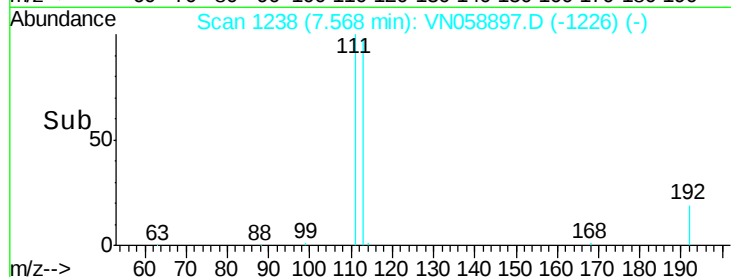
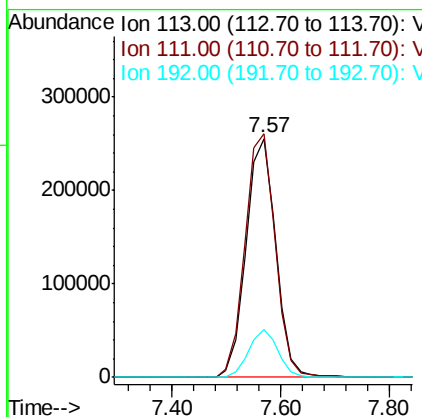
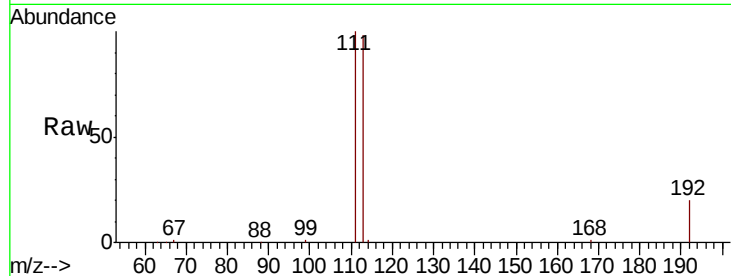




#5
Dibromofluoromethane
Concen: 5.405 ug/l
RT: 7.57 min Scan# 1238
Delta R.T. 0.00 min
Lab File: VN058897.D
Acq: 22 Oct 2019 9:17

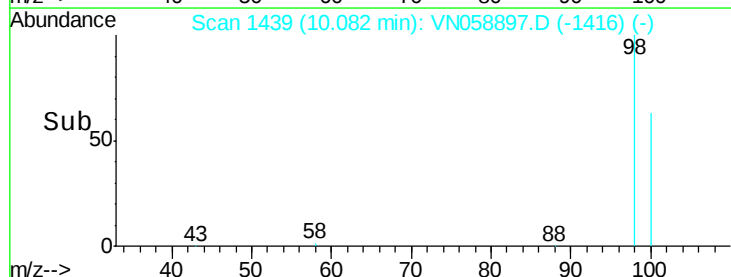
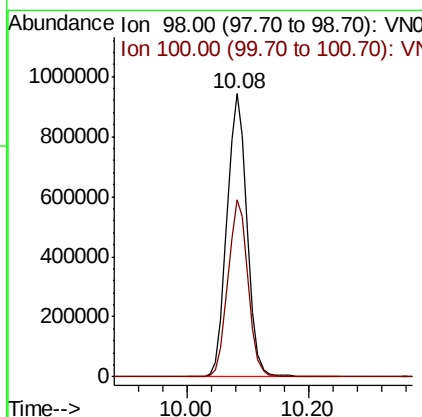
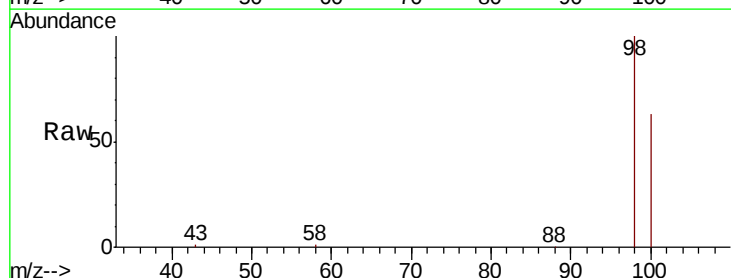
Instrument :
MSVOA_N
ClientSampleId :
VSSTDCCC005

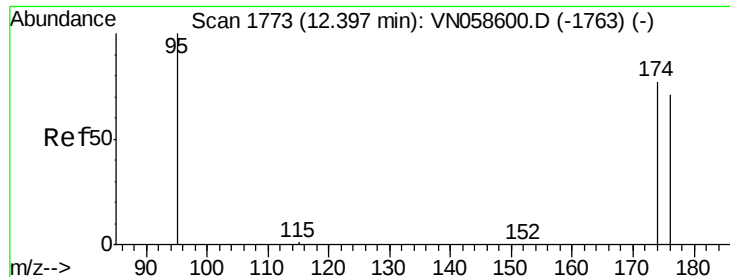
Tot Ion: 113 Resp: 963276
Ion Ratio Lower Upper
113 100
111 102.1 82.5 123.7
192 20.1 14.9 22.3



#6
Toluene-d8
Concen: 5.318 ug/l
RT: 10.08 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VN058897.D
Acq: 22 Oct 2019 9:17

Tgt Ion: 98 Resp: 2141334
Ion Ratio Lower Upper
98 100
100 62.6 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 4.863 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.01 min

Lab File: VN058897.D

Acq: 22 Oct 2019 9:17

Instrument :

MSVOA_N

ClientSampleId :

VSSTDCCC005

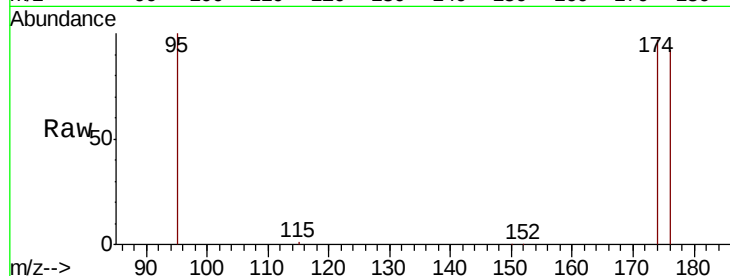
Tot Ion: 95 Resp: 959492

Ion Ratio Lower Upper

95 100

174 96.9 0.0 153.4

176 92.2 0.0 142.2



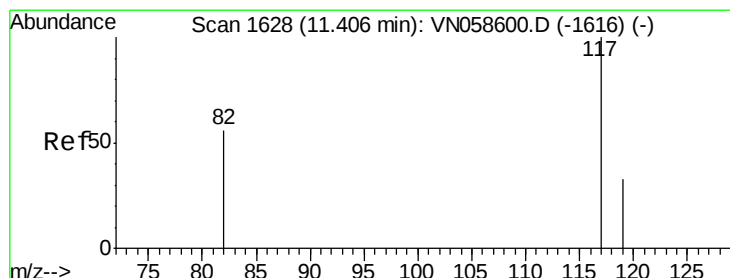
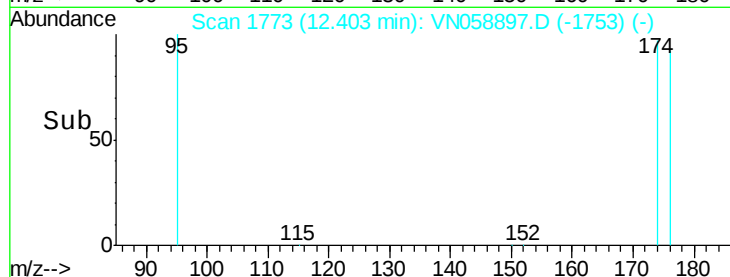
Abundance Ion 95.00 (94.70 to 95.70): VN058600.D (-1763) (-)

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

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

12.40

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058897.D

Acq: 22 Oct 2019 9:17

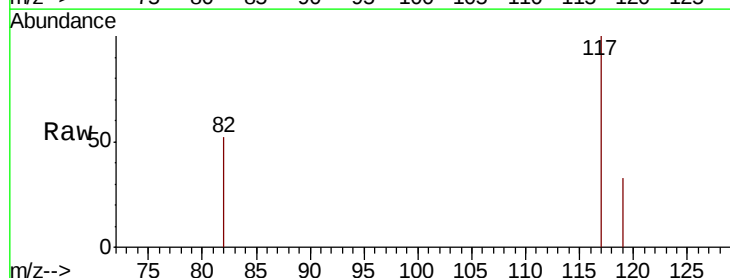
Tgt Ion: 117 Resp: 2511184

Ion Ratio Lower Upper

117 100

82 52.4 44.7 67.1

119 33.2 27.0 40.4



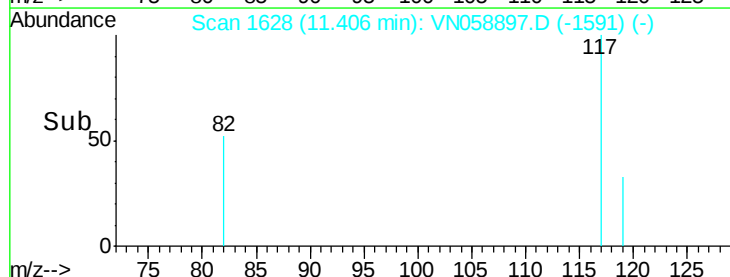
Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

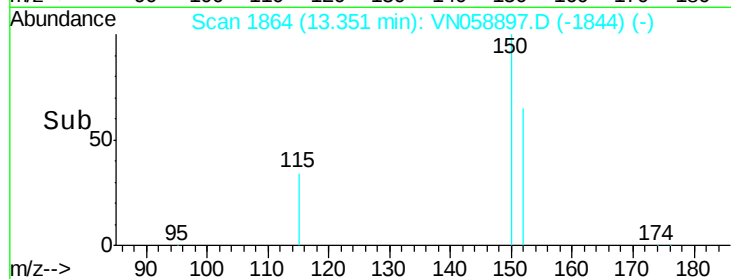
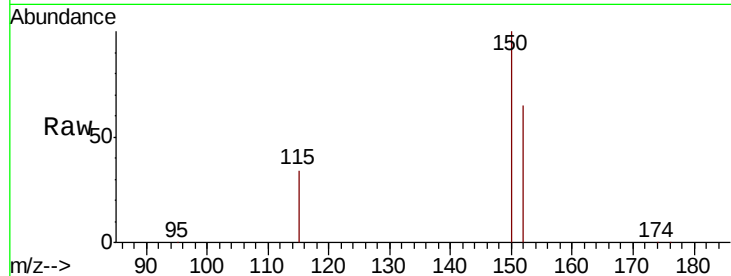
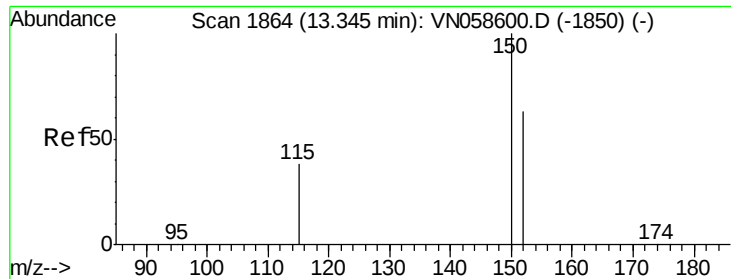
Ion 82.00 (81.70 to 82.70): VN058600.D (-1616) (-)

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

11.41

Time-->





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VN058897.D

Acq: 22 Oct 2019 9:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC005

Tot Ion:152 Resp: 820589

Ion Ratio Lower Upper

152 100

115 51.7 29.9 89.8

150 152.7 0.0 315.8

