

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058596.D
 Acq On : 8 Oct 2019 9:38
 Operator : JC/SP
 Sample : VSSTDICC0.1
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:05:45 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

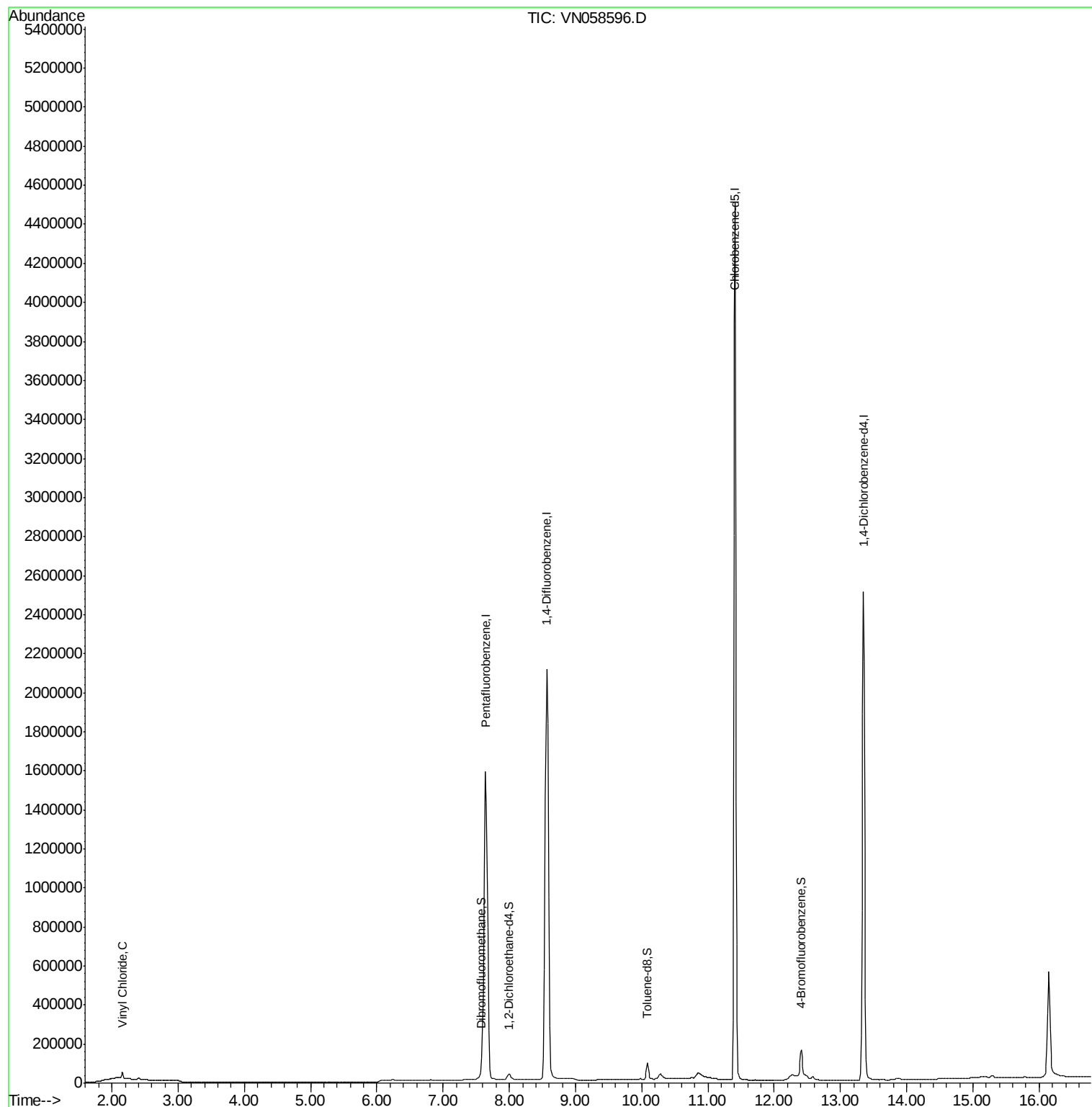
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	3819726	5.00	ug/l	-0.02
4) 1,4-Difluorobenzene	8.56	114	5385210	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	4617634	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1892496	5.00	ug/l	0.00
System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	67066	0.14	ug/l	0.00
Spiked Amount 5.000	Range	81 - 118	Recovery	=	2.80%#	
5) Dibromofluoromethane	7.57	113	46381	0.13	ug/l	0.00
Spiked Amount 5.000	Range	80 - 119	Recovery	=	2.60%#	
6) Toluene-d8	10.08	98	120407	0.17	ug/l	0.00
Spiked Amount 5.000	Range	89 - 112	Recovery	=	3.40%#	
7) 4-Bromofluorobenzene	12.40	95	118789	0.58	ug/l	0.00
Spiked Amount 5.000	Range	85 - 114	Recovery	=	11.60%#	
Target Compounds						
2) Vinyl Chloride	2.16	62	33864	0.095	ug/l #	Qvalue 1

(#) = 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: VN058596.D

Acq: 8 Oct 2019 9:38

Instrument :

MSVOA_N

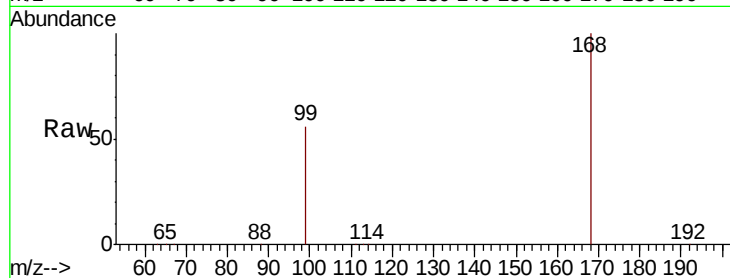
ClientSampled :

Tot Ion:168 Resp: 3819726

Ion Ratio Lower Upper

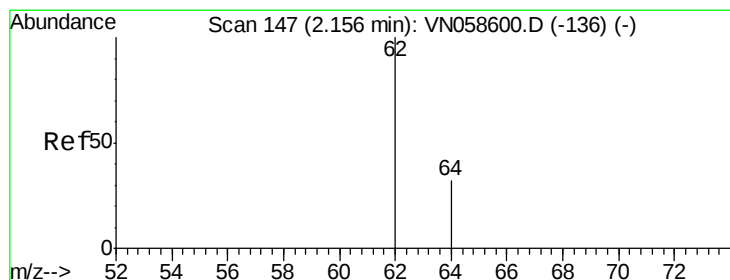
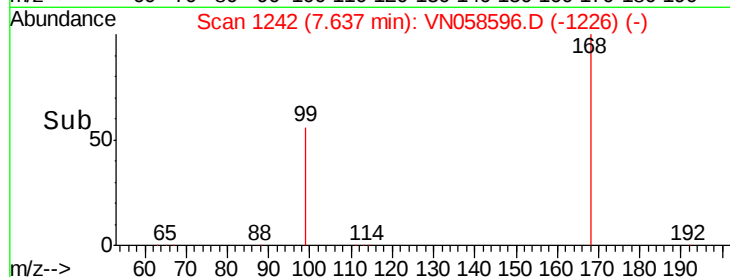
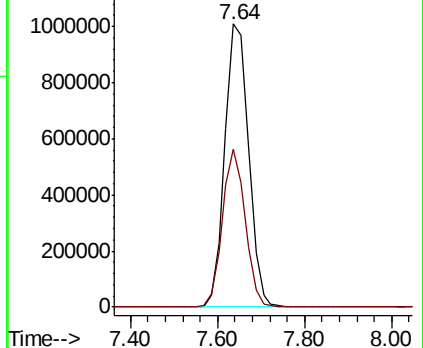
168 100

99 56.0 36.8 55.2#



Abundance Ion 168.00 (167.70 to 168.70): VN058596.D (-1229) (-)

Ion 99.00 (98.70 to 99.70): VN058596.D (-1229) (-)



#2

Vinyl Chloride

Concen: 0.095 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058596.D

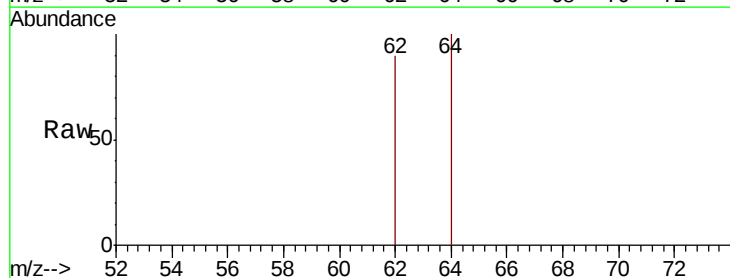
Acq: 8 Oct 2019 9:38

Tgt Ion: 62 Resp: 33864

Ion Ratio Lower Upper

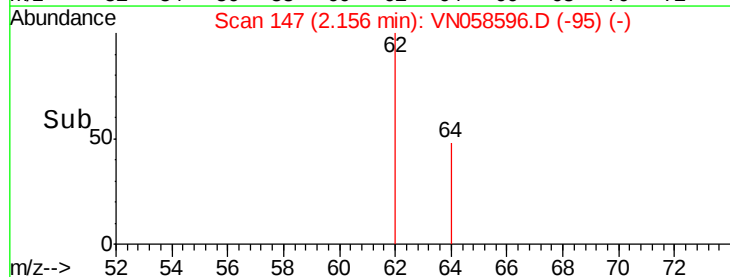
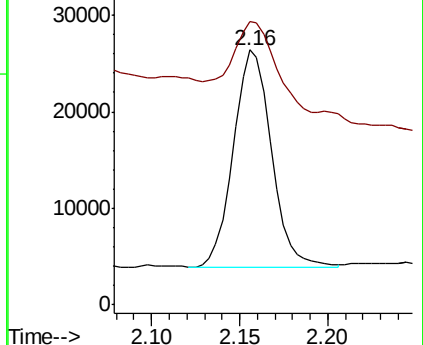
62 100

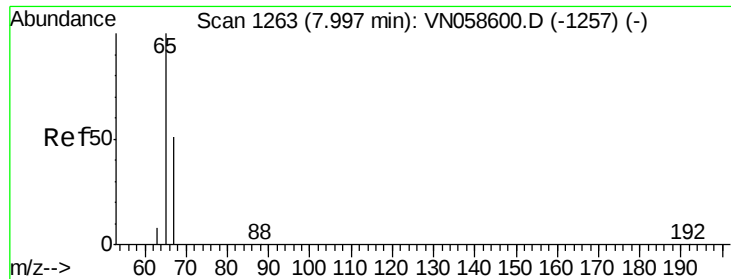
64 110.9 25.8 38.6#



Abundance Ion 62.00 (61.70 to 62.70): VN058596.D (-95) (-)

Ion 64.00 (63.70 to 64.70): VN058596.D (-95) (-)





#3

1,2-Dichloroethane-d4

Concen: 0.140 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058596.D

Acq: 8 Oct 2019 9:38

Instrument :

MSVOA_N

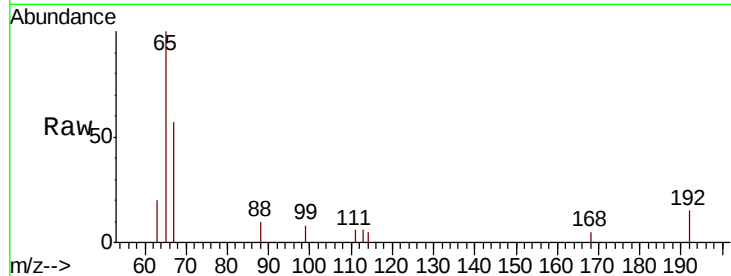
ClientSampleId :

Tot Ion: 65 Resp: 67066

Ion Ratio Lower Upper

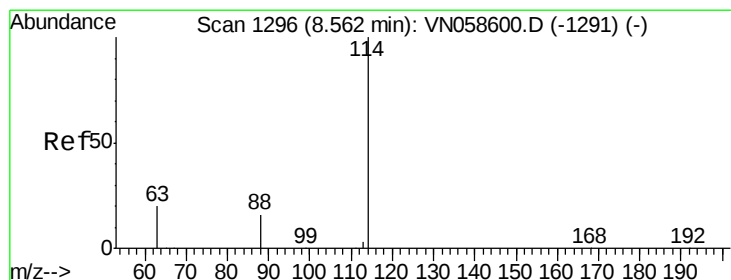
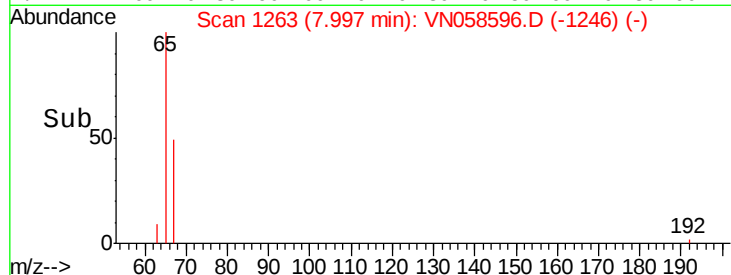
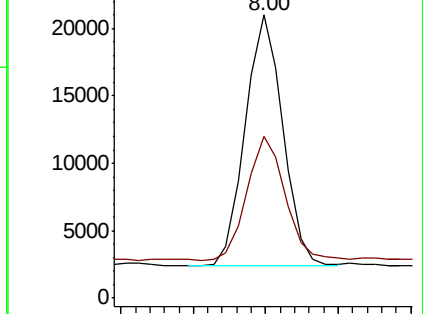
65 100

67 57.0 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058600.D (-1257) (-)

Ion 67.00 (66.70 to 67.70): VN058600.D (-1257) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058596.D

Acq: 8 Oct 2019 9:38

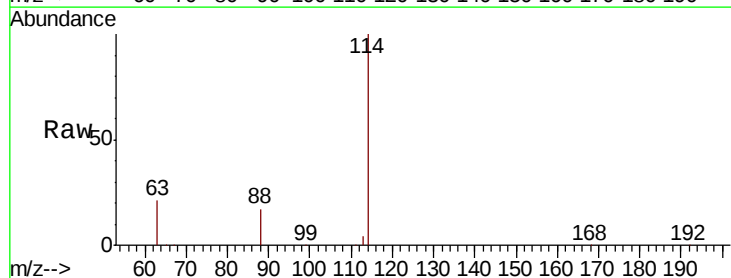
Tgt Ion: 114 Resp: 5385210

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

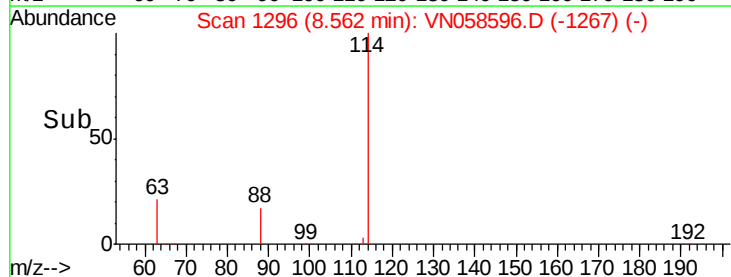
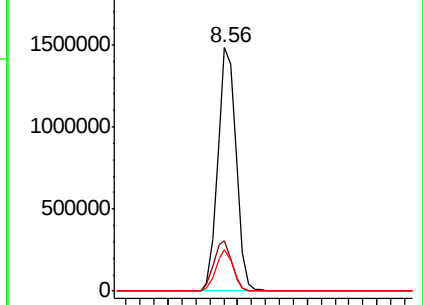
88 17.0 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058600.D (-1291) (-)

Ion 63.00 (62.70 to 63.70): VN058600.D (-1291) (-)

Ion 88.00 (87.70 to 88.70): VN058600.D (-1291) (-)





#5

Dibromofluoromethane

Concen: 0.132 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058596.D

Acq: 8 Oct 2019 9:38

Instrument :
MSVOA_N
ClientSampleId :

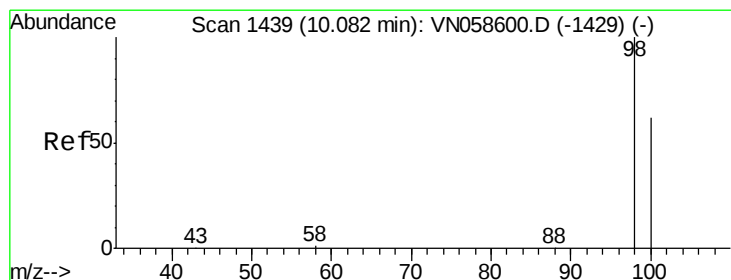
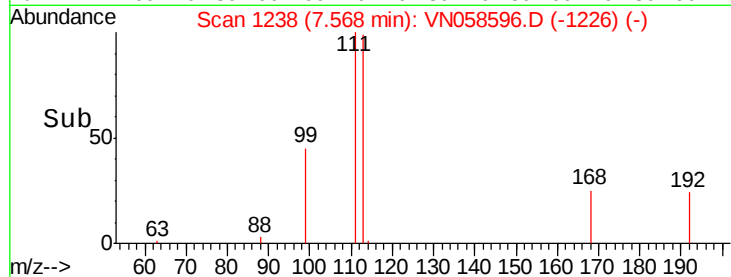
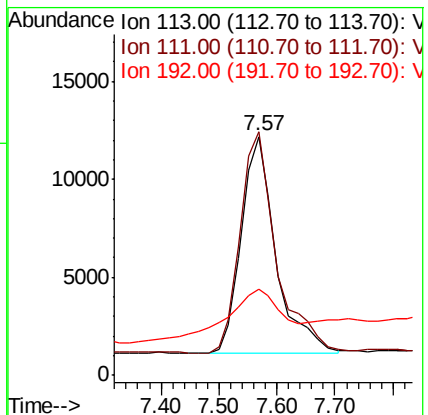
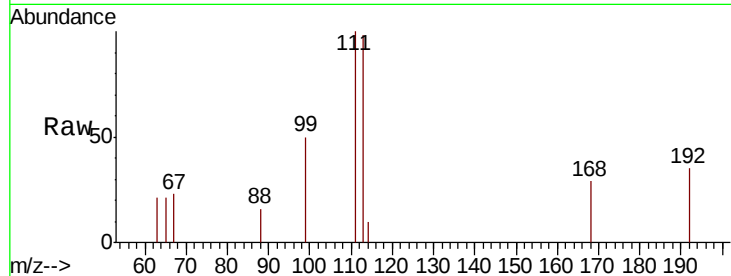
Tot Ion:113 Resp: 46381

Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

192 36.1 14.9 22.3#



#6

Toluene-d8

Concen: 0.165 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058596.D

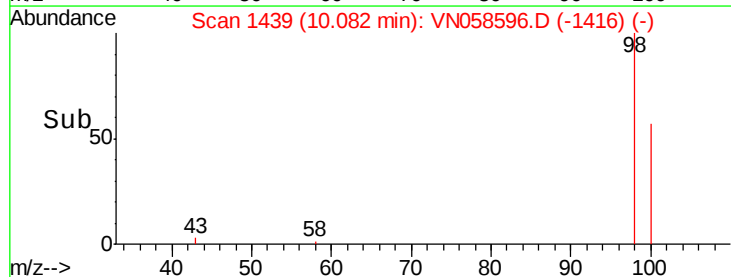
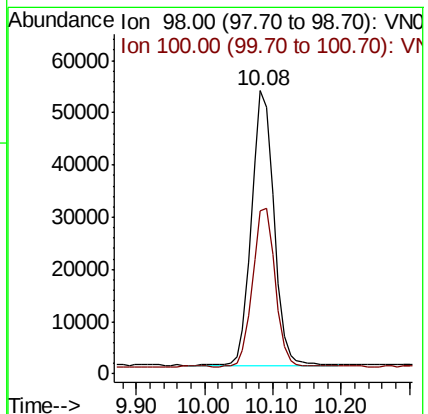
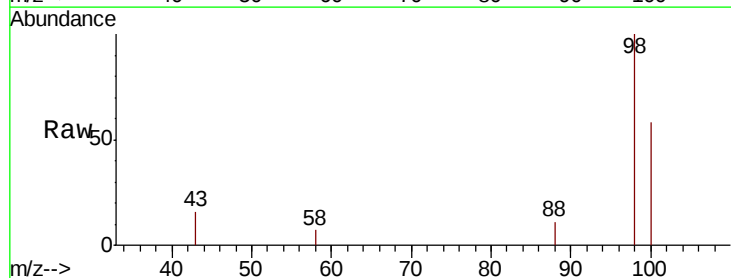
Acq: 8 Oct 2019 9:38

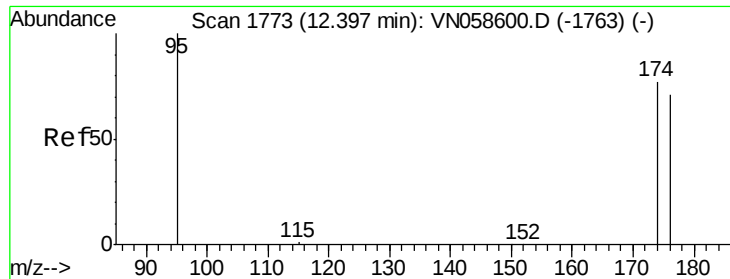
Tgt Ion: 98 Resp: 120407

Ion Ratio Lower Upper

98 100

100 57.5 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 0.585 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058596.D

Acq: 8 Oct 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

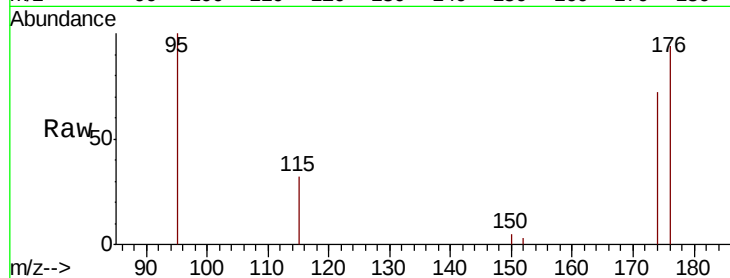
Tot Ion: 95 Resp: 118789

Ion Ratio Lower Upper

95 100

174 72.4 0.0 153.4

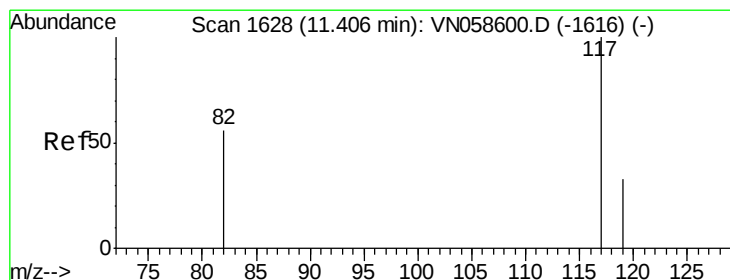
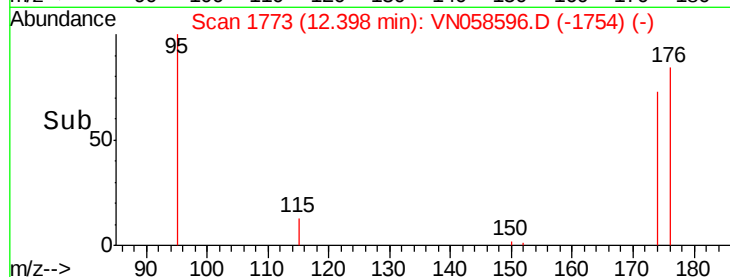
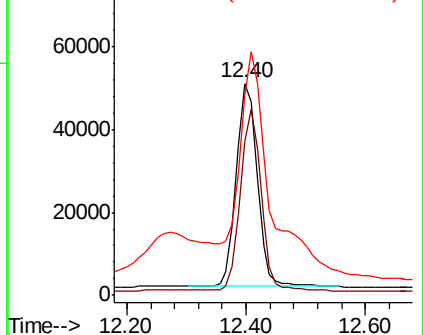
176 94.2 0.0 142.2



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) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058596.D

Acq: 8 Oct 2019 9:38

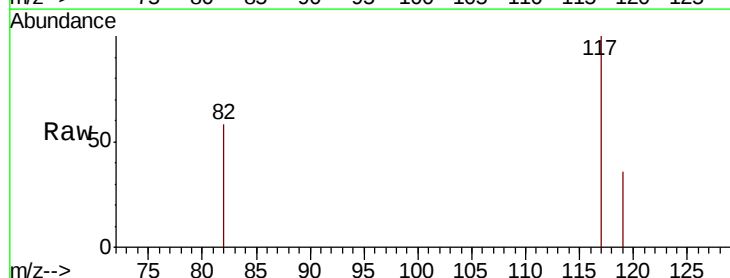
Tgt Ion: 117 Resp: 4617634

Ion Ratio Lower Upper

117 100

82 58.4 44.7 67.1

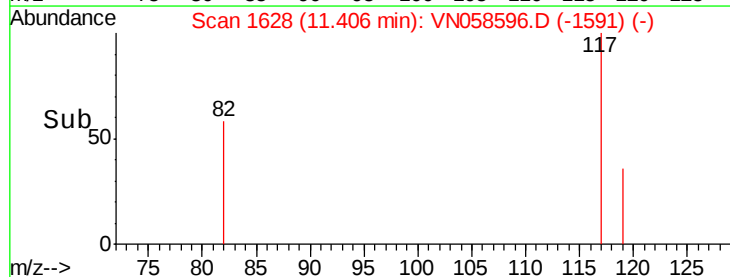
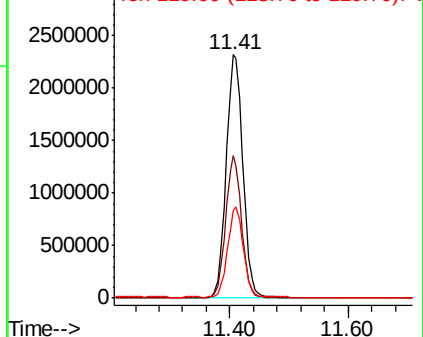
119 35.9 27.0 40.4

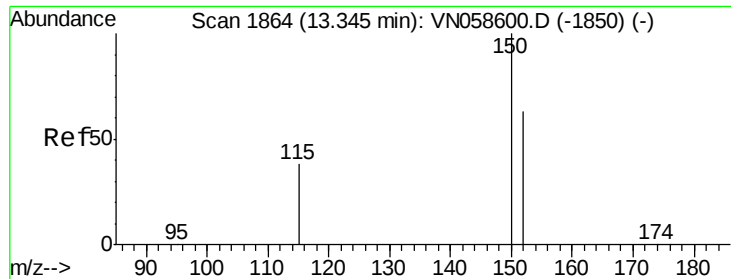


Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

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: VN058596.D
 Acq: 8 Oct 2019 9:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 1892496
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.9 89.8
 150 156.5 0.0 315.8

