

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056642.D
 Acq On : 10 Jul 2019 13:38
 Operator : JC/SP
 Sample : VN0710WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Quant Time: Jul 11 05:00:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071019SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 04:54:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	48380	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	71892	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	55478	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	13159	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	28743	4.95	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	99.00%
5) Dibromofluoromethane	7.59	113	22063	5.81	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	116.20%
6) Toluene-d8	10.09	98	52260	5.69	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	113.80%#
7) 4-Bromofluorobenzene	12.40	95	17684	5.38	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	107.60%

Target Compounds

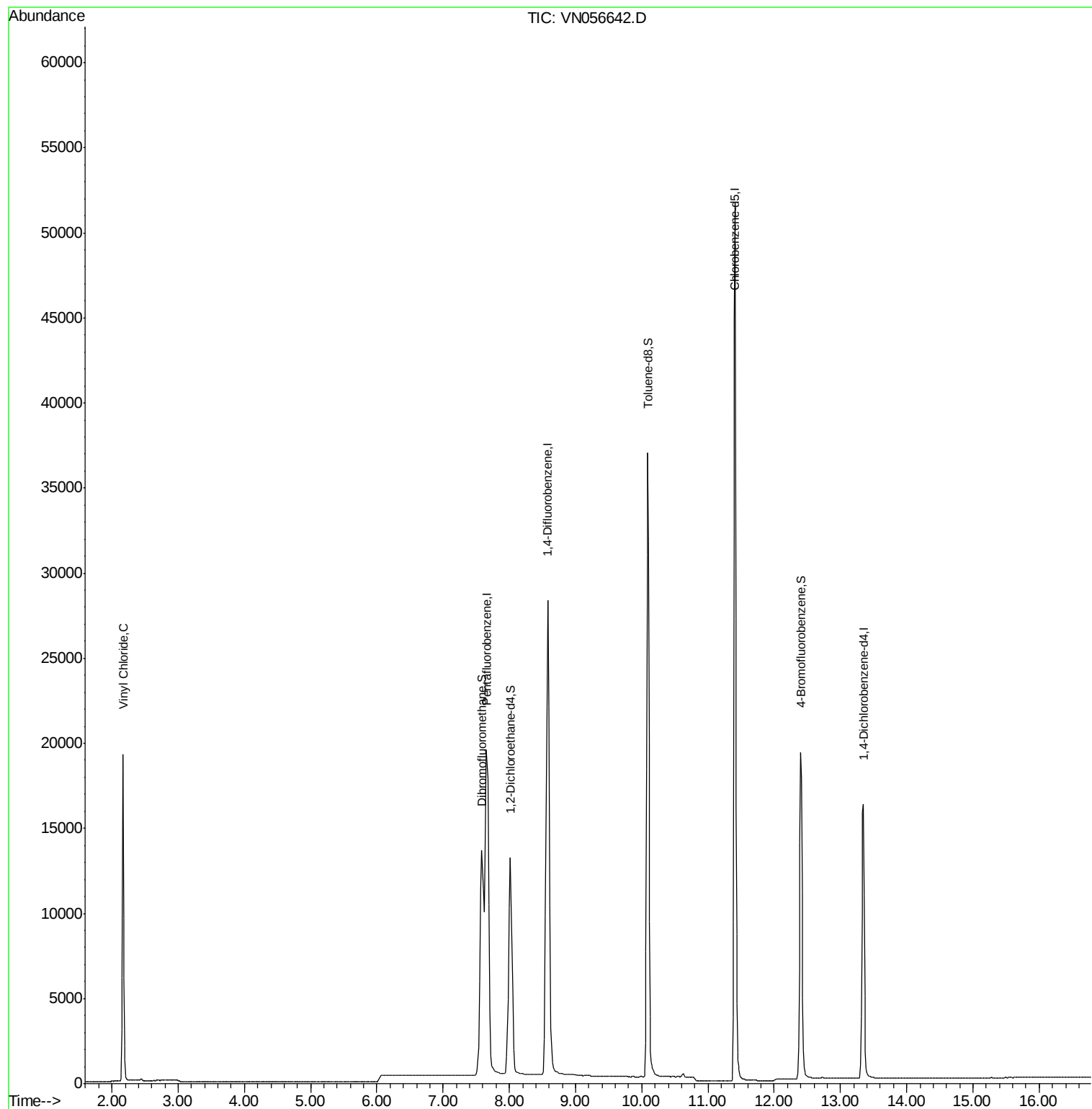
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	22631	4.972	ug/l	100

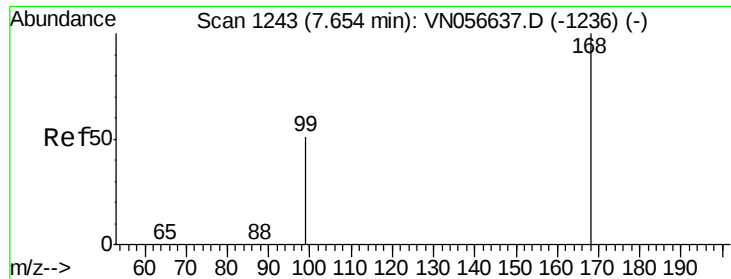
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

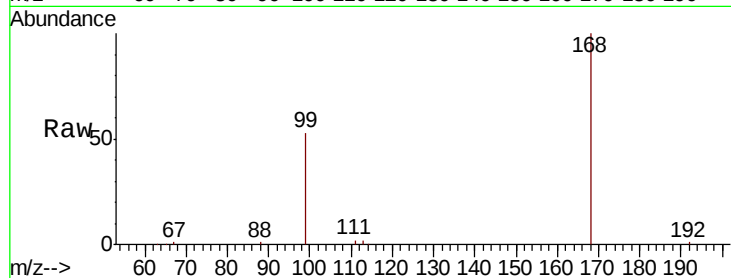
VN0710WBS01

Tot Ion:168 Resp: 48380

Ion Ratio Lower Upper

168 100

99 52.9 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

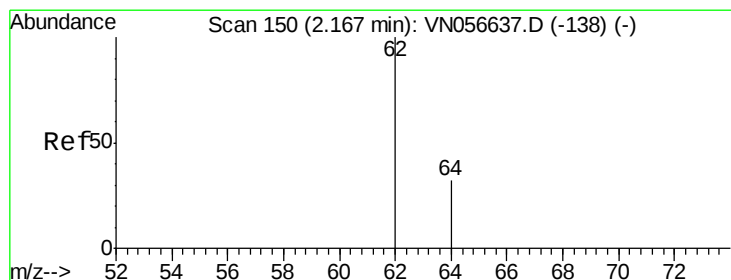
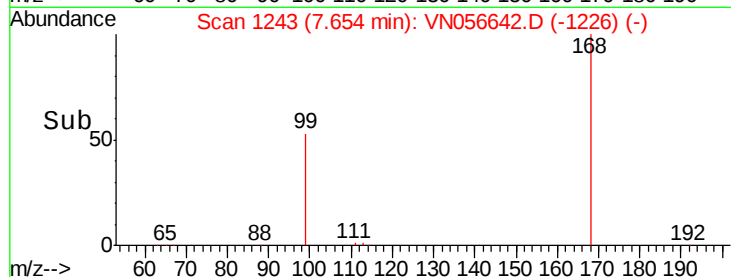
7.65

10000

5000

0

Time-->



#2

Vinyl Chloride

Concen: 4.972 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056642.D

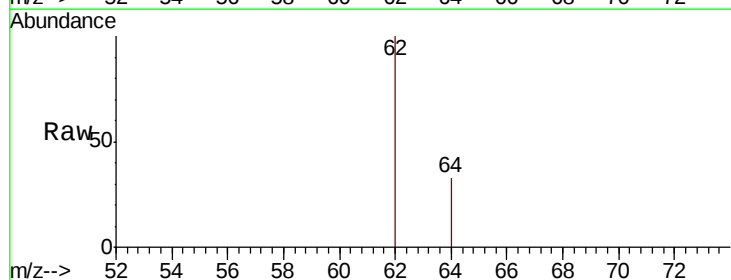
Acq: 10 Jul 2019 13:38

Tgt Ion: 62 Resp: 22631

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN

2.17

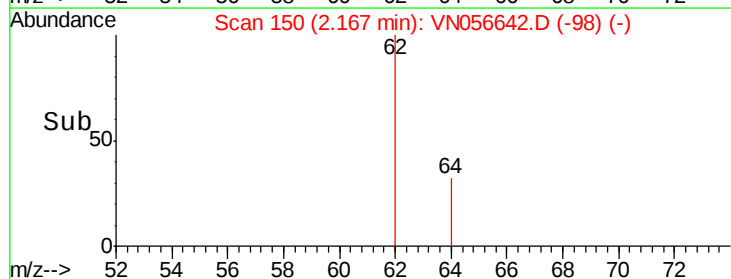
15000

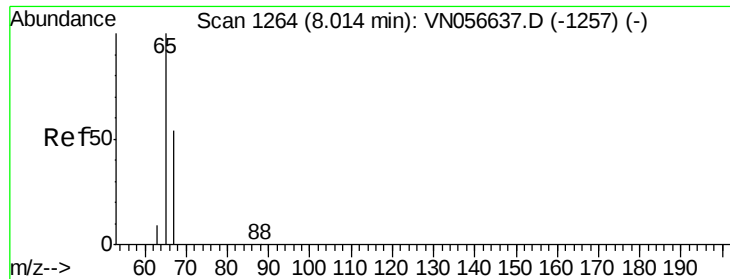
10000

5000

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 4.953 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056642.D

Acq: 10 Jul 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

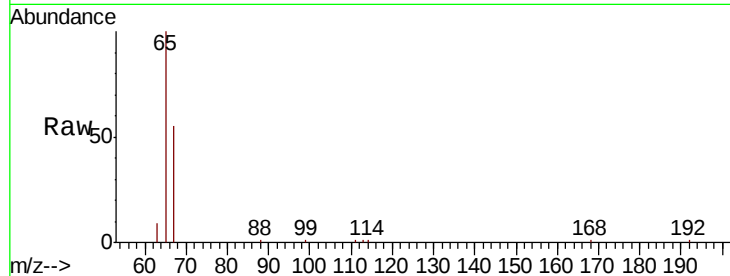
VN0710WBS01

Tot Ion: 65 Resp: 28743

Ion Ratio Lower Upper

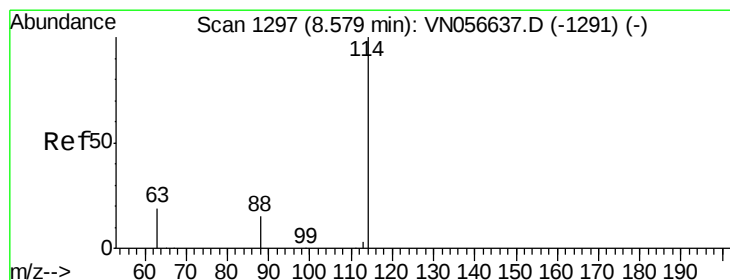
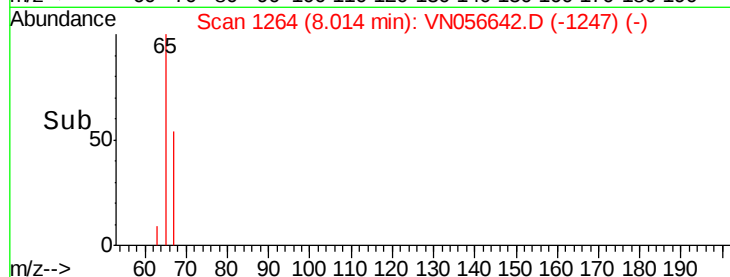
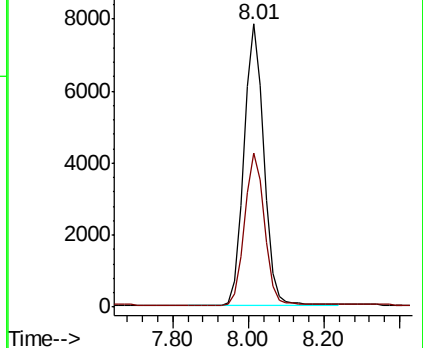
65 100

67 54.5 0.0 109.4



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: 8.58 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VN056642.D

Acq: 10 Jul 2019 13:38

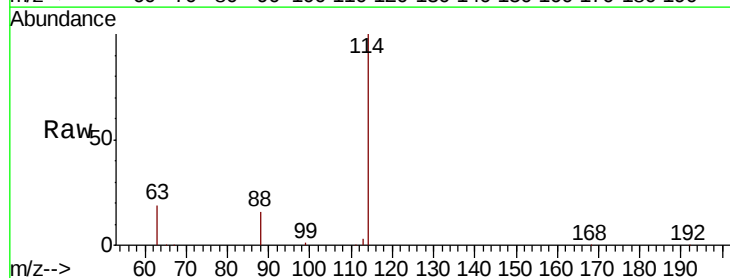
Tgt Ion: 114 Resp: 71892

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

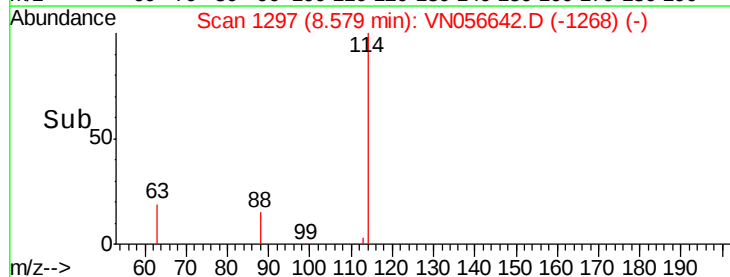
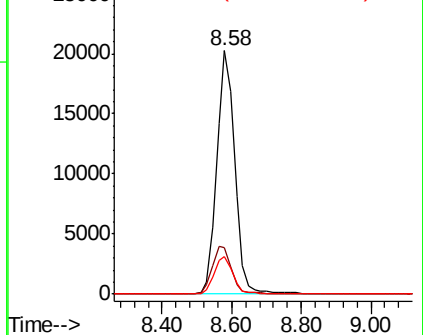
88 15.6 0.0 30.8

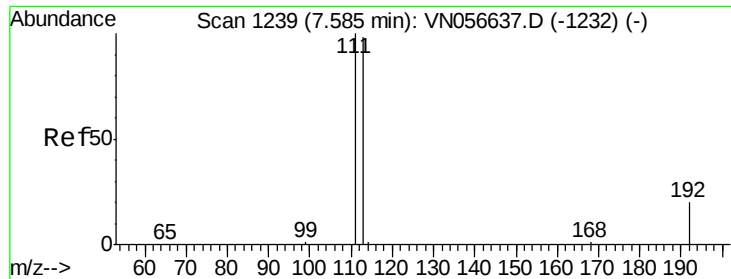


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#5

Dibromofluoromethane

Concen: 5.812 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056642.D

Acq: 10 Jul 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

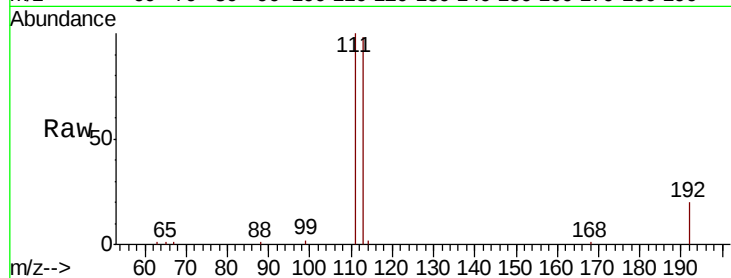
Tot Ion:113 Resp: 22063

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

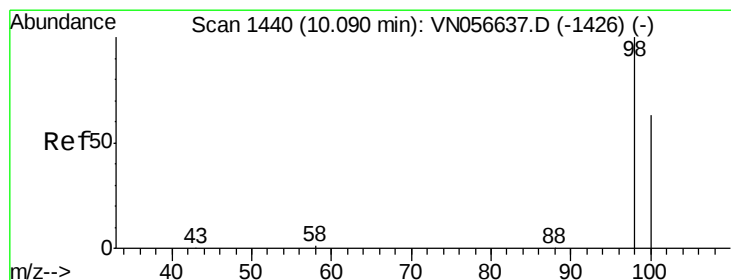
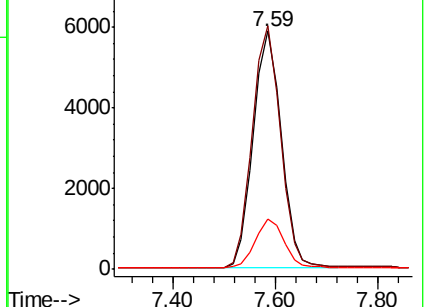
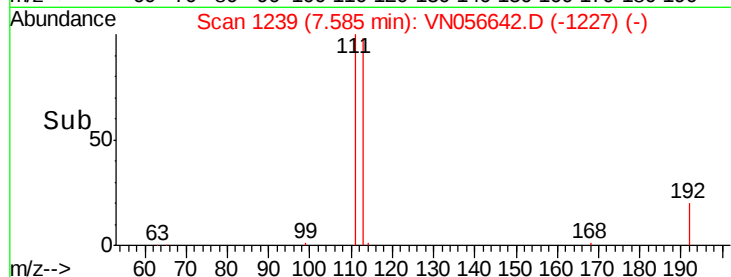
192 20.9 16.9 25.3



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: 5.694 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VN056642.D

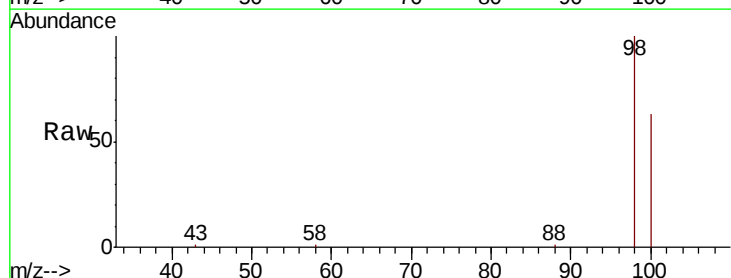
Acq: 10 Jul 2019 13:38

Tgt Ion: 98 Resp: 52260

Ion Ratio Lower Upper

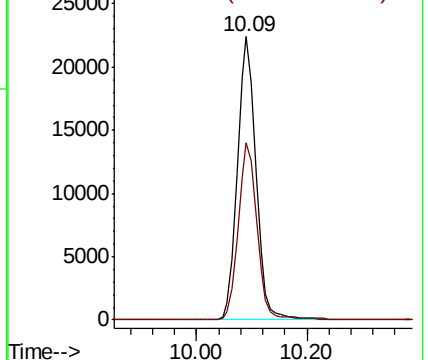
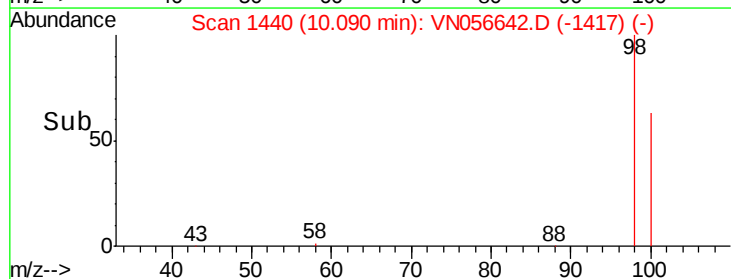
98 100

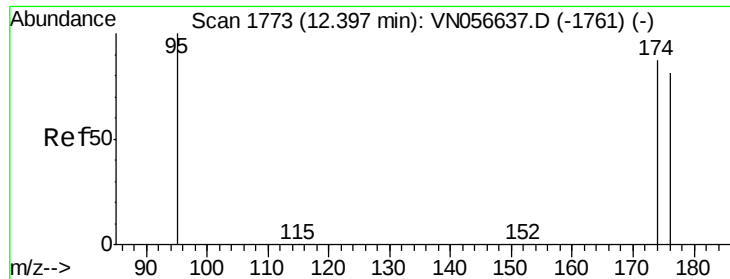
100 62.7 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 5.378 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN056642.D

Acq: 10 Jul 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

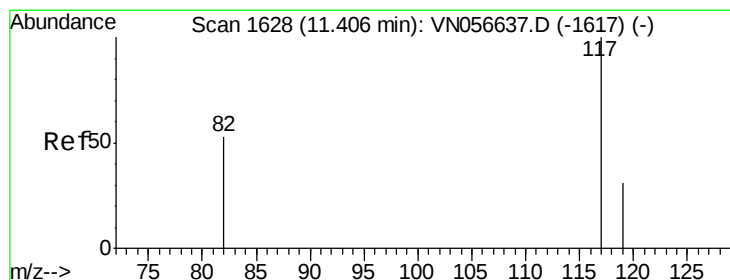
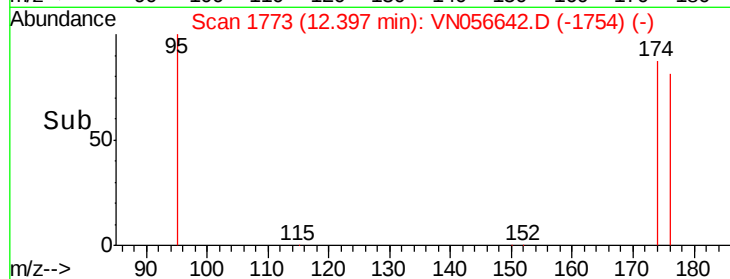
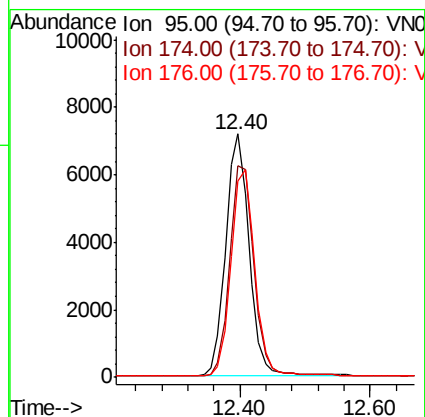
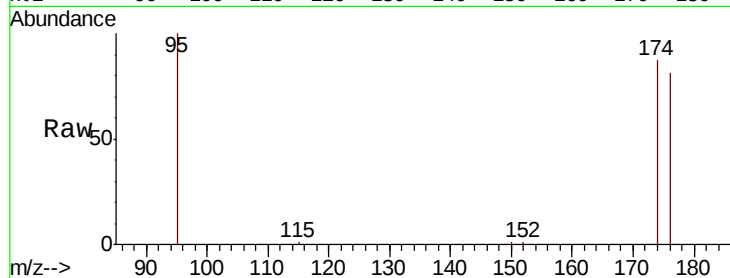
Tot Ion: 95 Resp: 17684

Ion Ratio Lower Upper

95 100

174 86.9 0.0 174.2

176 80.8 0.0 162.0



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056642.D

Acq: 10 Jul 2019 13:38

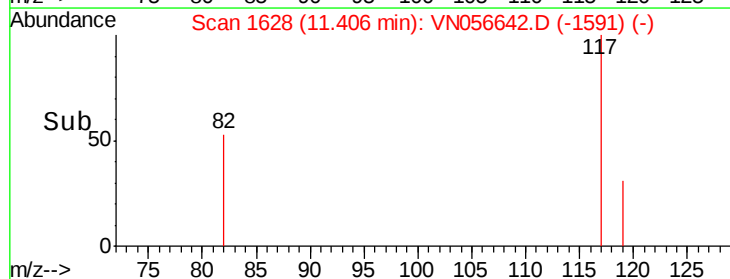
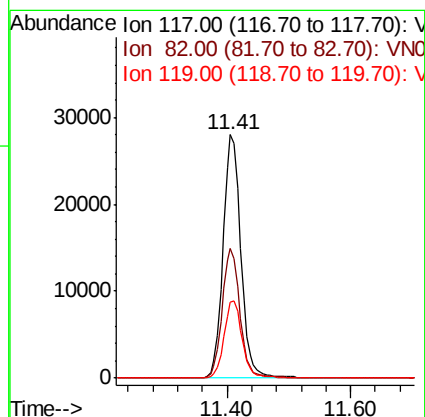
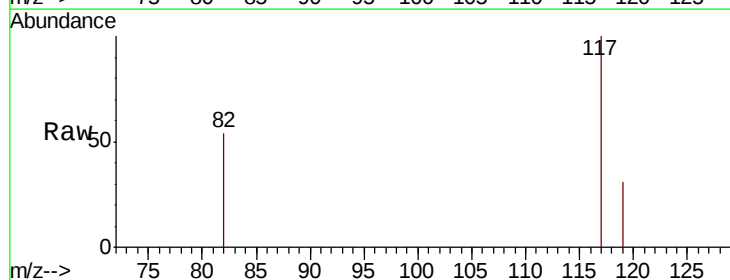
Tgt Ion: 117 Resp: 55478

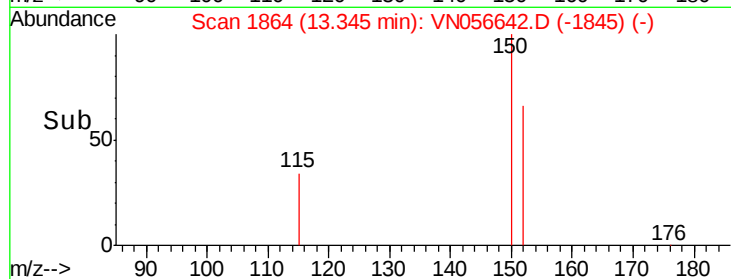
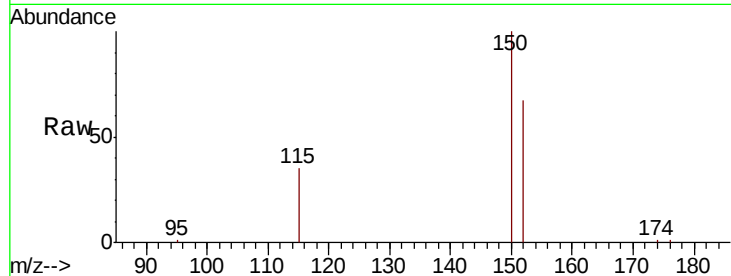
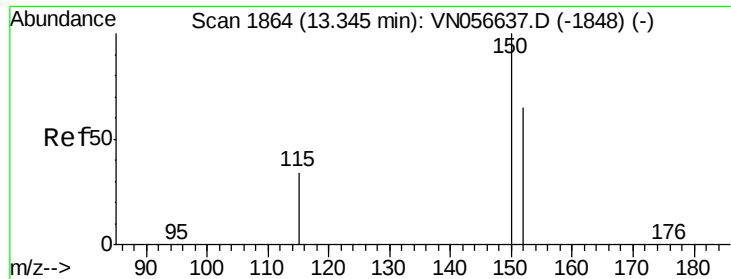
Ion Ratio Lower Upper

117 100

82 53.5 42.6 63.8

119 31.2 25.0 37.6





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056642.D

Acq: 10 Jul 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion:152 Resp: 13159

Ion Ratio Lower Upper

152 100

115 52.4 26.5 79.4

150 150.0 0.0 306.0

