

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072519\
 Data File : VN056903.D
 Acq On : 24 Jul 2019 11:00
 Operator : JC/SP
 Sample : VSSTDICC0.5
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC0.5

Quant Time: Jul 25 01:13:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072519SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 25 01:08:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	56802	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	93363	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	53255	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	7777	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	3555	0.53	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	10.60%#
5) Dibromofluoromethane	7.59	113	2951	0.59	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	11.80%#
6) Toluene-d8	10.09	98	5888	0.50	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	10.00%#
7) 4-Bromofluorobenzene	12.40	95	1552	0.38	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	7.60%#

Target Compounds

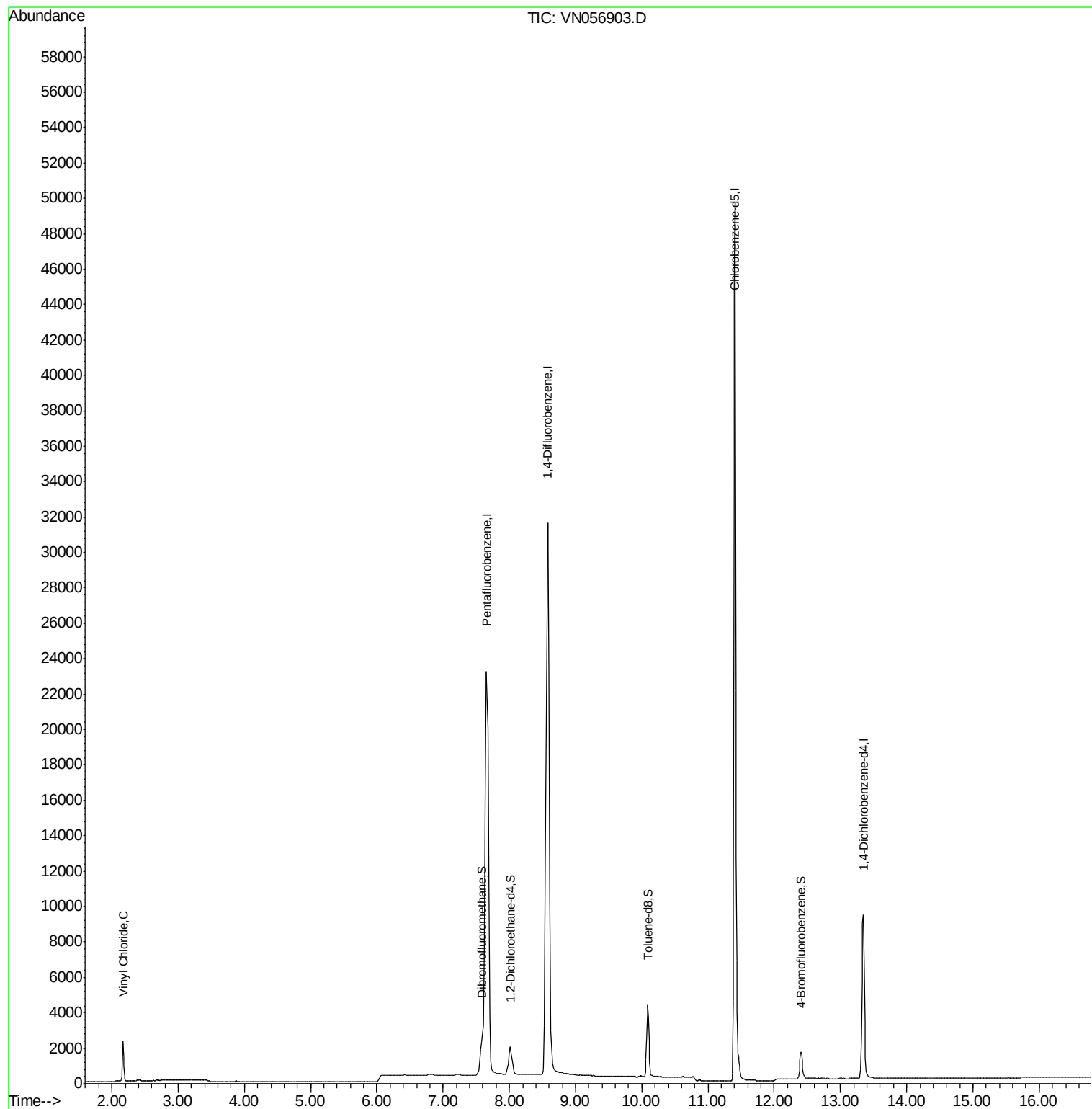
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	2558	0.479	ug/l	94

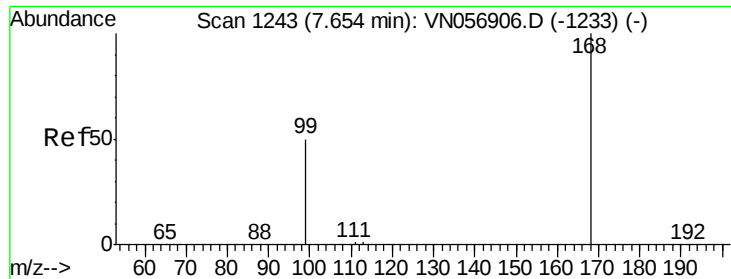
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056903.D

Acq: 24 Jul 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

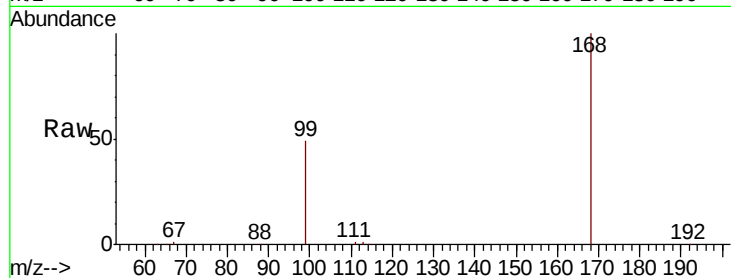
VSSTDIC0.5

Tot Ion:168 Resp: 56802

Ion Ratio Lower Upper

168 100

99 49.4 40.1 60.1



Abundance Ion 168.00 (167.70 to 168.70): VN056903.D (-1226) (-)

Ion 99.00 (98.70 to 99.70): VN056903.D (-1226) (-)

7.65

15000

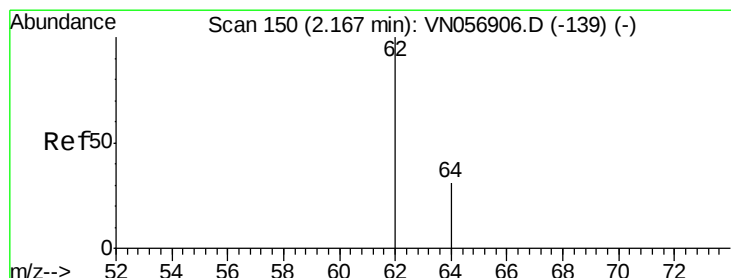
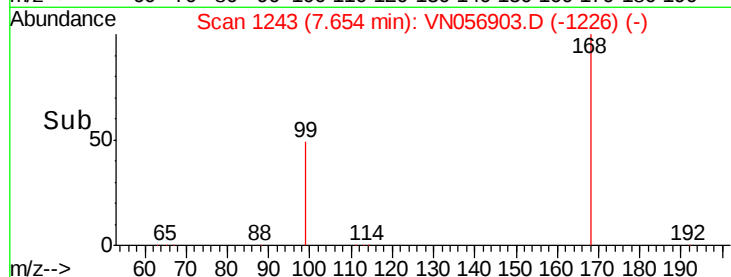
10000

5000

0

7.40 7.60 7.80 8.00

Time-->



#2

Vinyl Chloride

Concen: 0.479 ug/l

RT: 2.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: VN056903.D

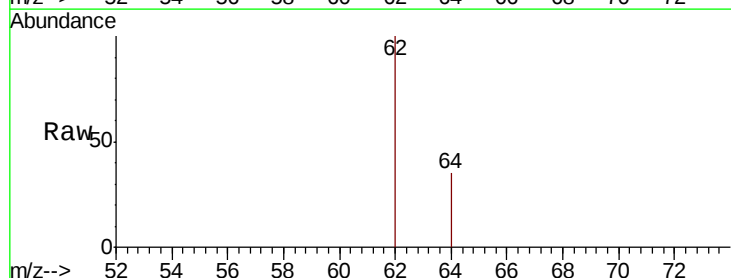
Acq: 24 Jul 2019 11:00

Tgt Ion: 62 Resp: 2558

Ion Ratio Lower Upper

62 100

64 34.7 25.1 37.7



Abundance Ion 62.00 (61.70 to 62.70): VN056903.D (-98) (-)

Ion 64.00 (63.70 to 64.70): VN056903.D (-98) (-)

2.17

2000

1500

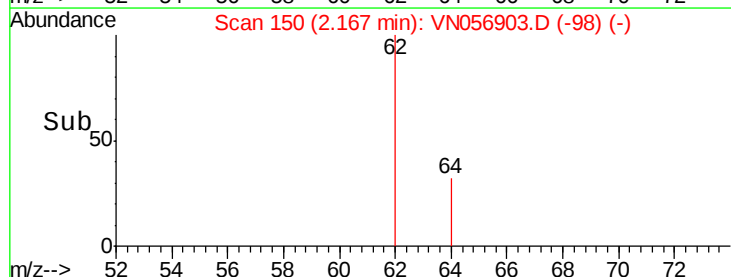
1000

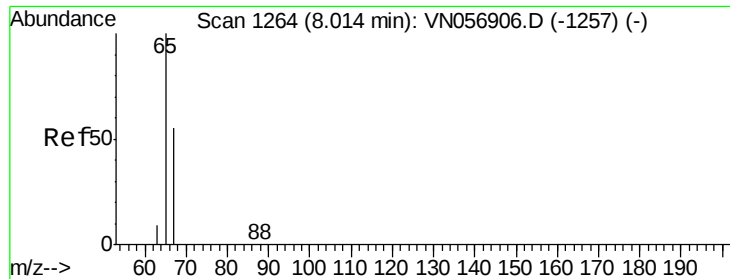
500

0

2.10 2.15 2.20 2.25

Time-->





#3

1,2-Dichloroethane-d4

Concen: 0.525 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056903.D

Acq: 24 Jul 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

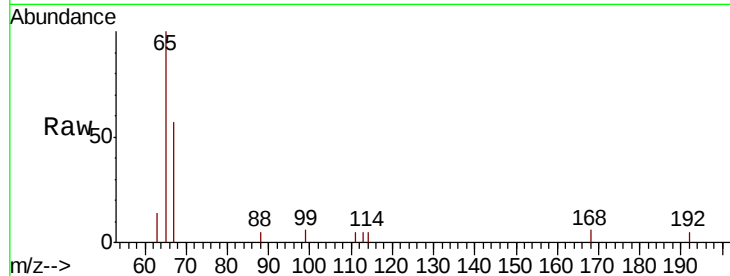
VSSTDIC0.5

Tot Ion: 65 Resp: 3555

Ion Ratio Lower Upper

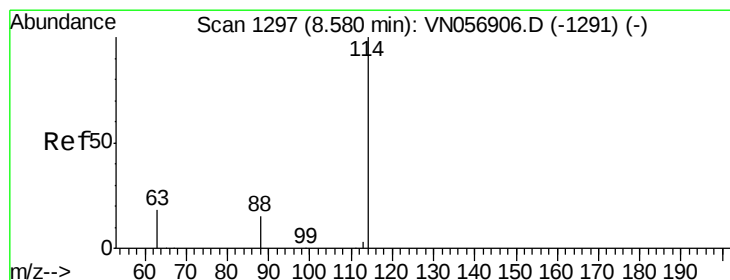
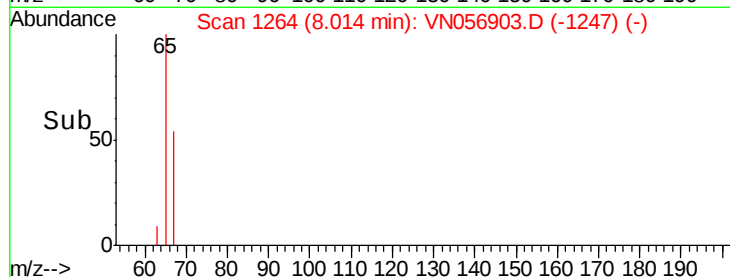
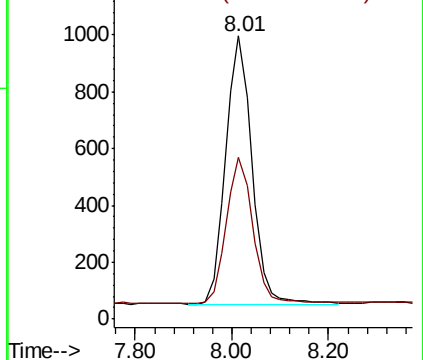
65 100

67 57.3 0.0 110.2



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: VN056903.D

Acq: 24 Jul 2019 11:00

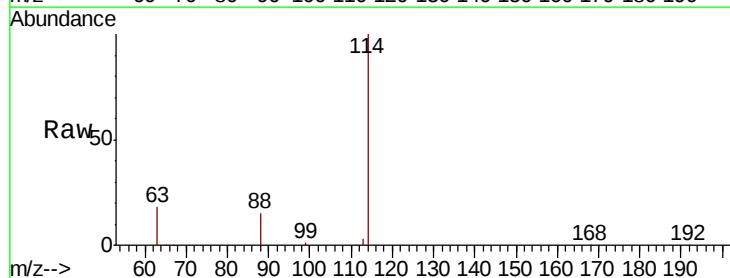
Tgt Ion: 114 Resp: 93363

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.2

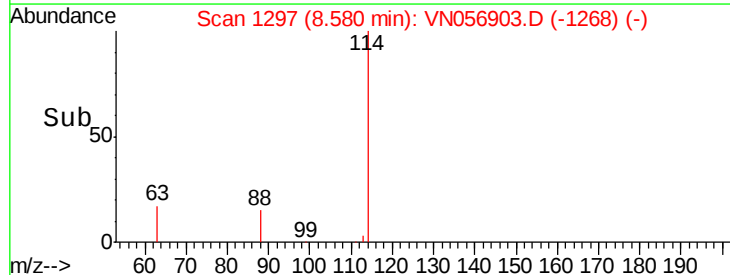
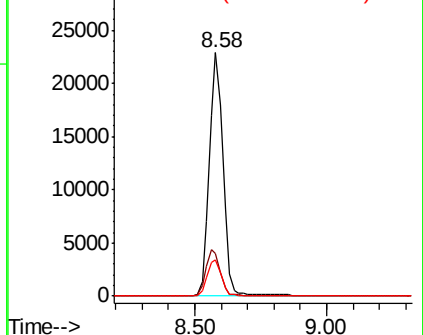
88 15.1 0.0 30.2

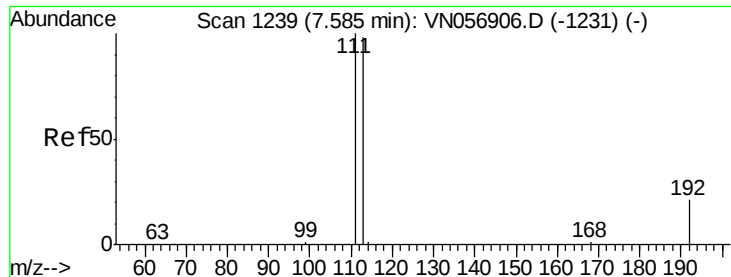


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#5

Dibromofluoromethane

Concen: 0.586 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056903.D

Acq: 24 Jul 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.5

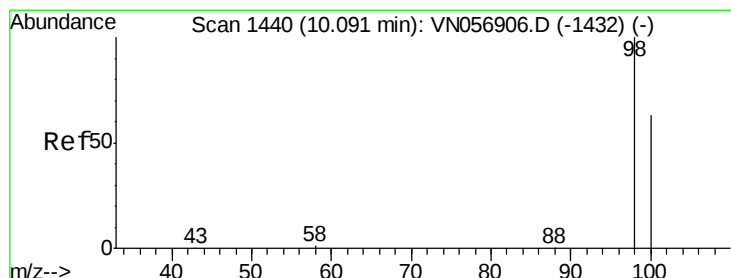
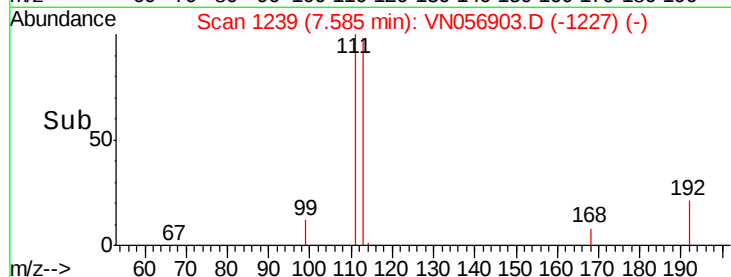
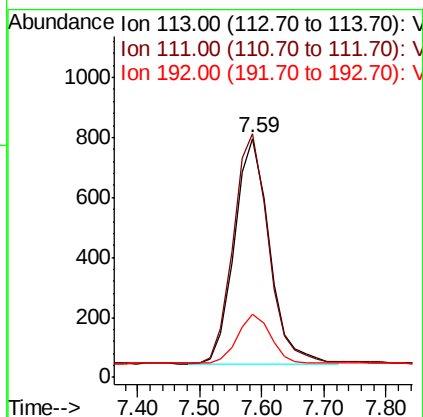
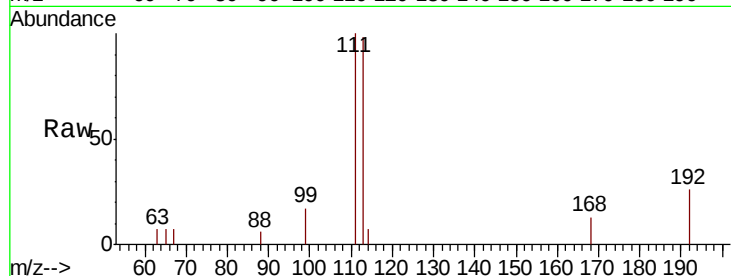
Tot Ion:113 Resp: 2951

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

192 26.3 17.4 26.0#



#6

Toluene-d8

Concen: 0.499 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056903.D

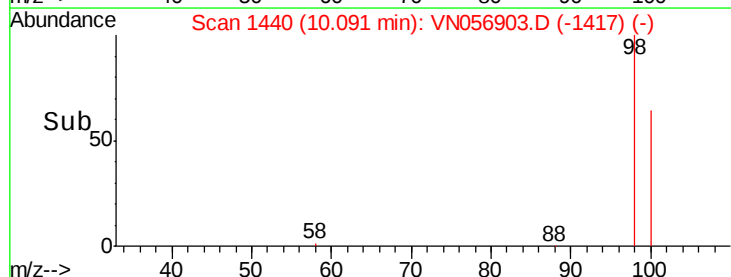
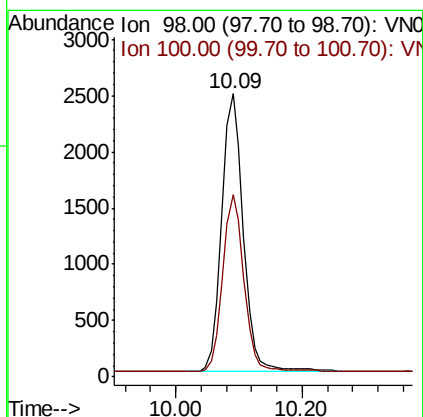
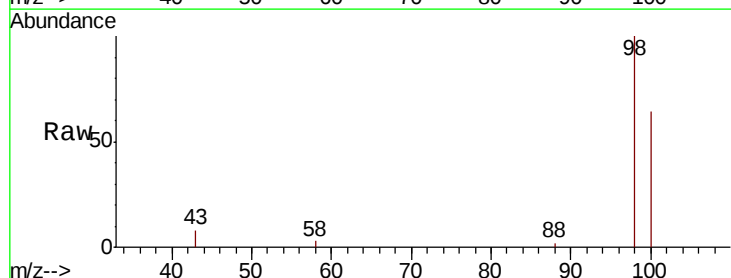
Acq: 24 Jul 2019 11:00

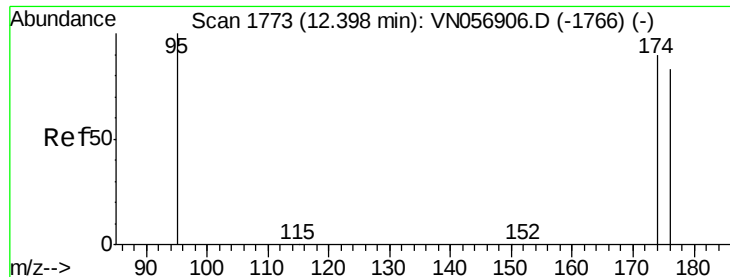
Tgt Ion: 98 Resp: 5888

Ion Ratio Lower Upper

98 100

100 64.4 50.5 75.7





#7

4-Bromofluorobenzene

Concen: 0.384 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056903.D

Acq: 24 Jul 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.5

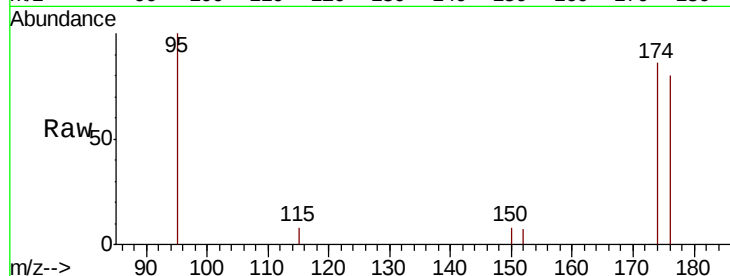
Tot Ion: 95 Resp: 1552

Ion Ratio Lower Upper

95 100

174 85.6 0.0 179.8

176 80.2 0.0 166.6



Abundance Ion 95.00 (94.70 to 95.70): VN056903.D (-1766) (-)

Ion 174.00 (173.70 to 174.70): VN056903.D (-1766) (-)

Ion 176.00 (175.70 to 176.70): VN056903.D (-1766) (-)

12.40

600

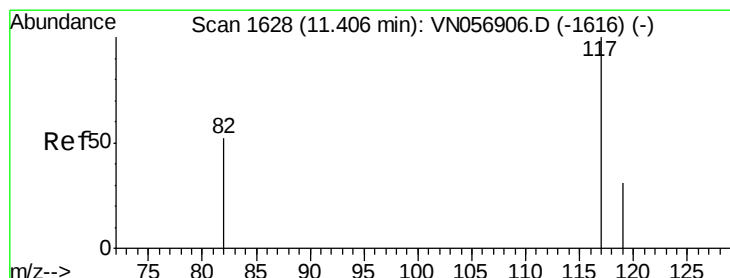
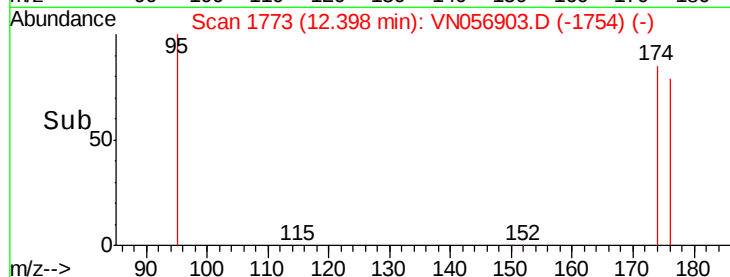
400

200

0

Time-->

12.20 12.40 12.60



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056903.D

Acq: 24 Jul 2019 11:00

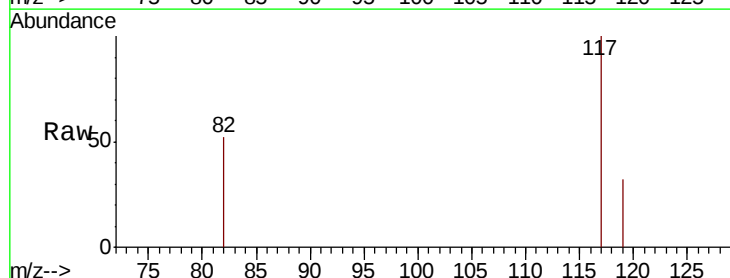
Tgt Ion: 117 Resp: 53255

Ion Ratio Lower Upper

117 100

82 51.9 42.0 63.0

119 31.8 25.1 37.7



Abundance Ion 117.00 (116.70 to 117.70): VN056903.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN056903.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN056903.D (-1591) (-)

11.41

30000

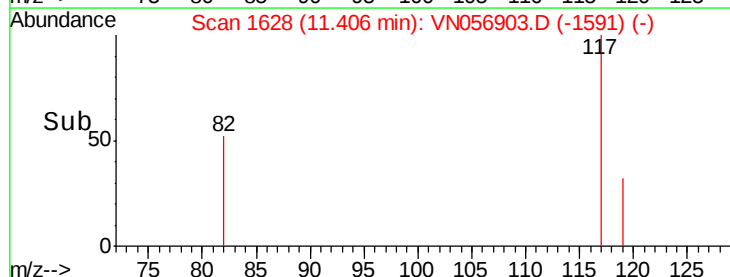
20000

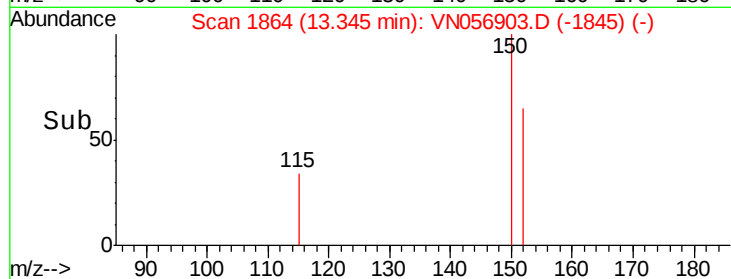
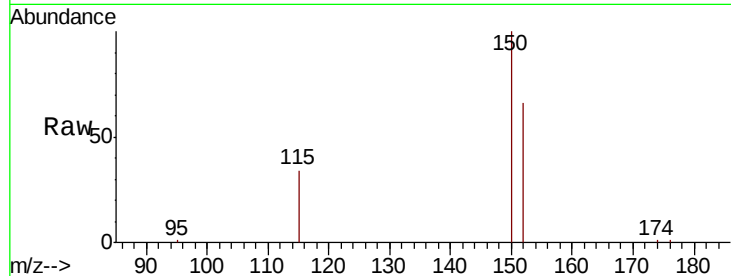
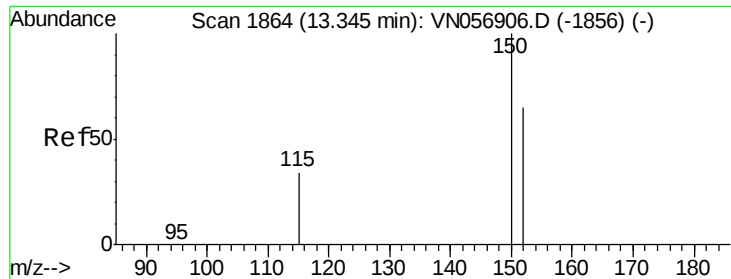
10000

0

Time-->

11.40 11.60





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN056903.D

Acq: 24 Jul 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC0.5

Tot Ion:152 Resp: 7777

Ion Ratio Lower Upper

152 100

115 52.2 26.5 79.4

150 152.0 0.0 306.2

Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

