

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072519\
 Data File : VN056904.D
 Acq On : 24 Jul 2019 11:24
 Operator : JC/SP
 Sample : VSSTDICC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC001

Quant Time: Jul 25 01:13:27 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	47849	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	79552	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	45491	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	6671	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	5486	0.96	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	19.20%#
5) Dibromofluoromethane	7.59	113	4477	1.04	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	20.80%#
6) Toluene-d8	10.09	98	9060	0.90	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	18.00%#
7) 4-Bromofluorobenzene	12.40	95	2262	0.66	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	13.20%#

Target Compounds

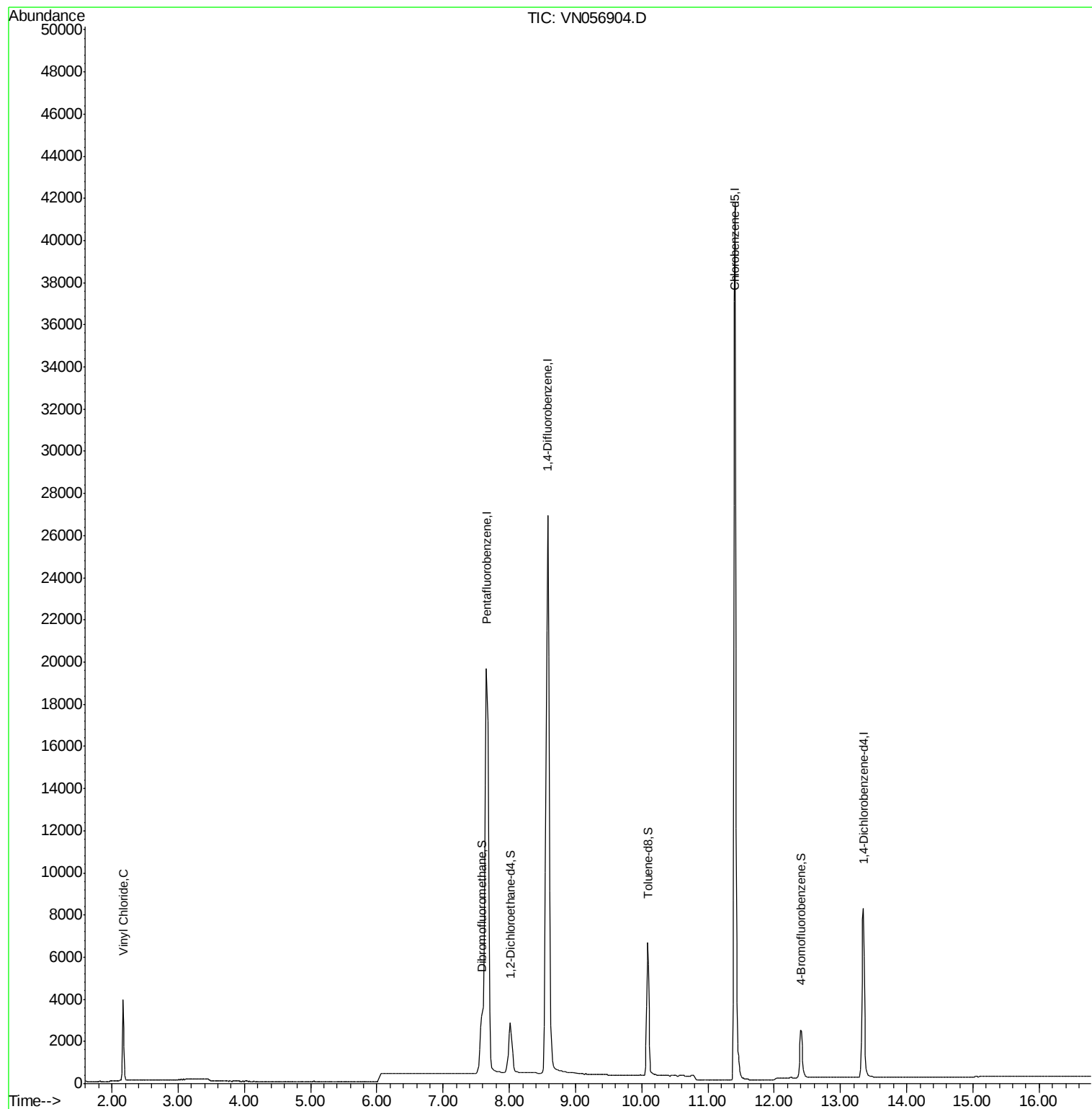
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	4420	0.982	ug/l	96

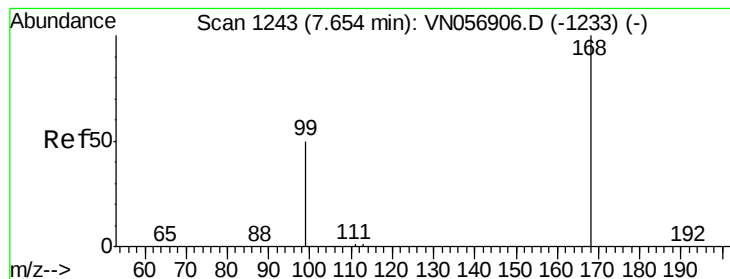
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056904.D

Acq: 24 Jul 2019 11:24

Instrument :

MSVOA_N

ClientSampleId :

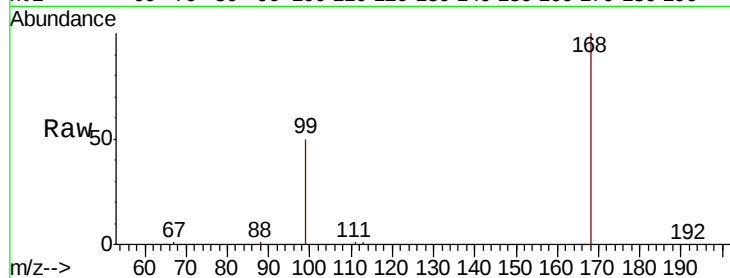
VSSTDICC001

Tot Ion:168 Resp: 47849

Ion Ratio Lower Upper

168 100

99 50.1 40.1 60.1



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

7.65

15000

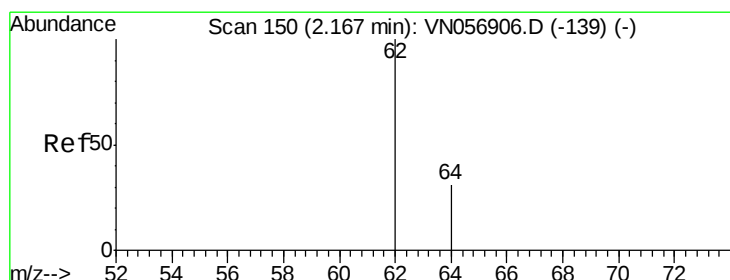
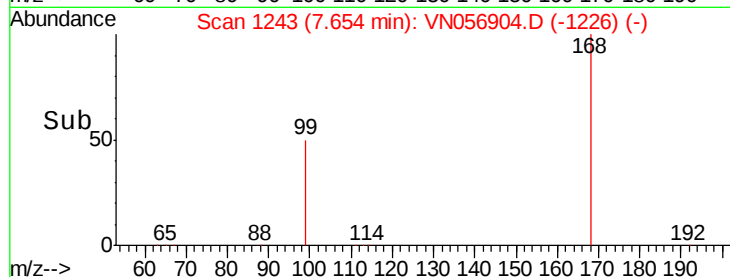
10000

5000

0

Time-->

7.40 7.60 7.80



#2

Vinyl Chloride

Concen: 0.982 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056904.D

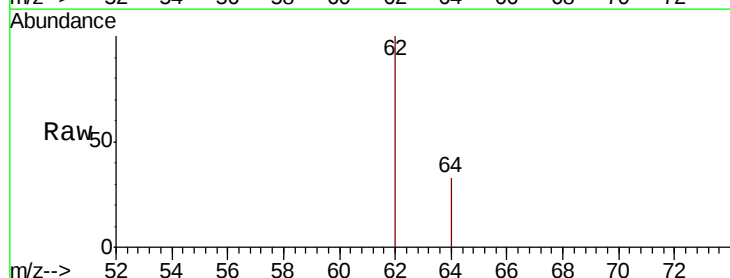
Acq: 24 Jul 2019 11:24

Tgt Ion: 62 Resp: 4420

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN

2.17

3000

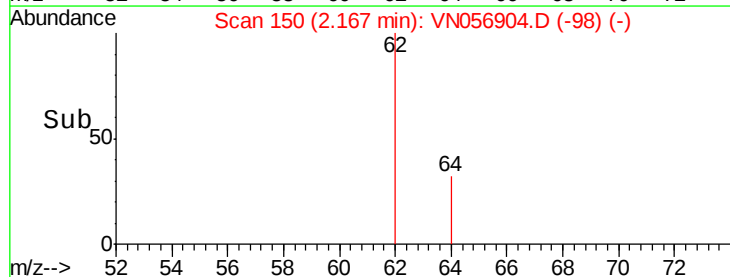
2000

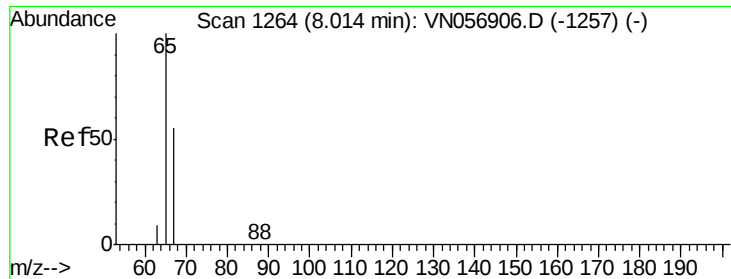
1000

0

Time-->

2.10 2.15 2.20 2.25





#3

1,2-Dichloroethane-d4

Concen: 0.962 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056904.D

Acq: 24 Jul 2019 11:24

Instrument :

MSVOA_N

ClientSampleId :

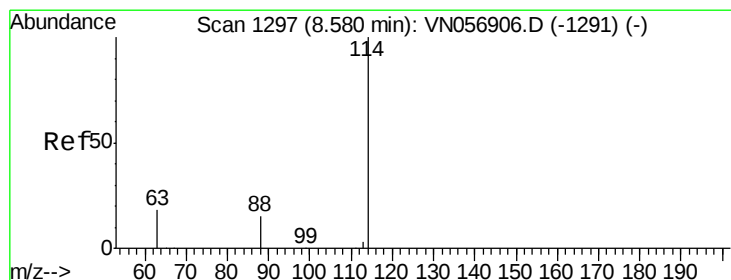
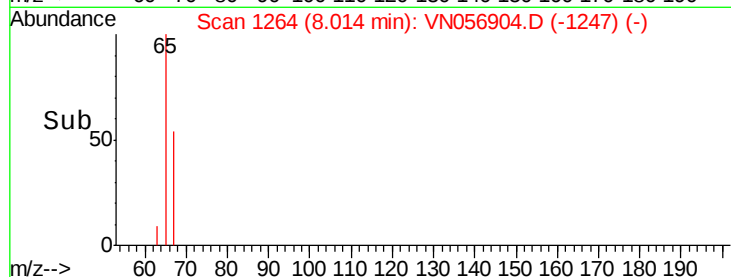
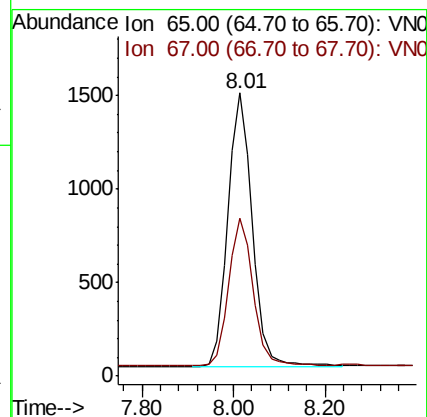
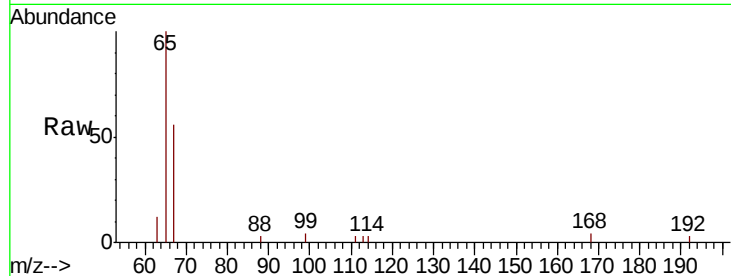
VSSTDICC001

Tot Ion: 65 Resp: 5486

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.2



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056904.D

Acq: 24 Jul 2019 11:24

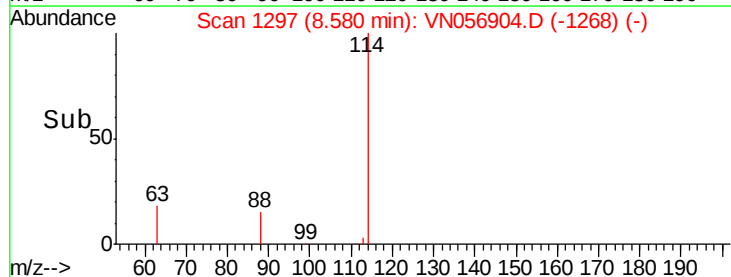
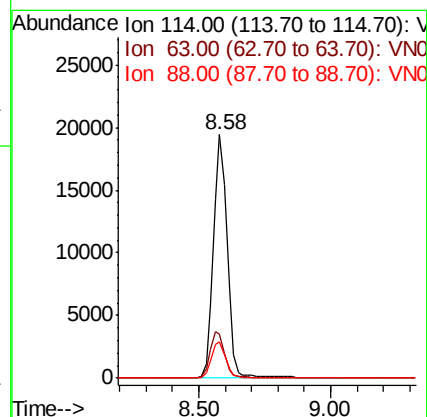
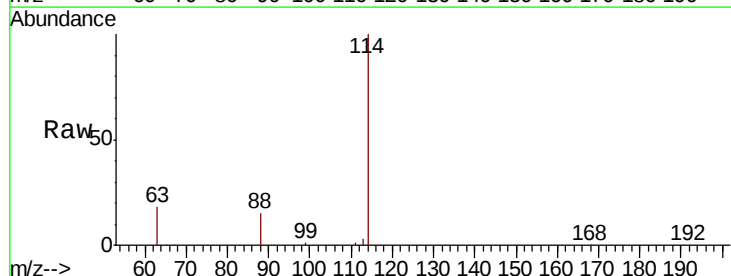
Tgt Ion: 114 Resp: 79552

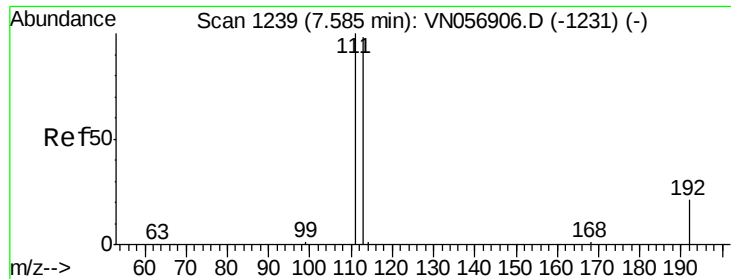
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.2

88 15.1 0.0 30.2

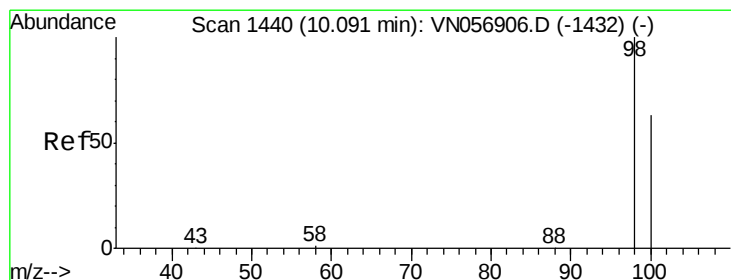
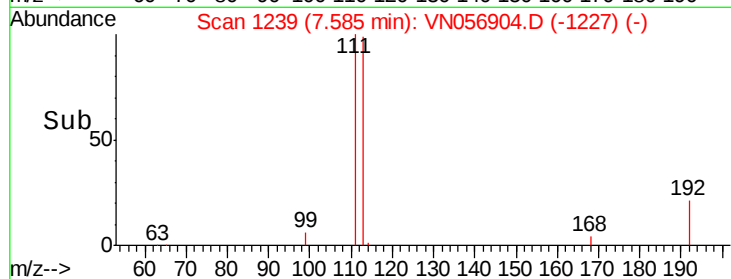
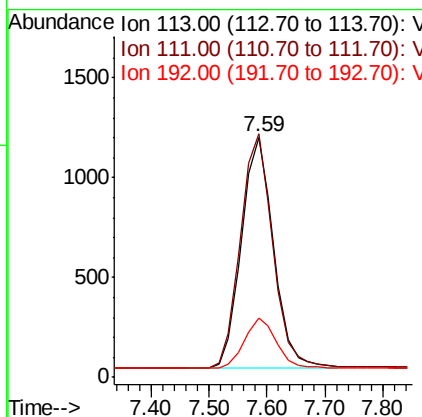
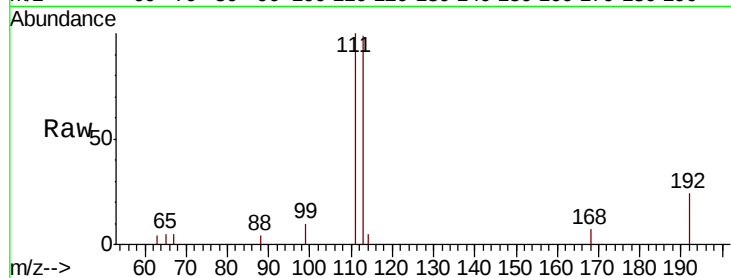




#5
 Dibromofluoromethane
 Concen: 1.044 ug/l
 RT: 7.59 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VN056904.D
 Acq: 24 Jul 2019 11:24

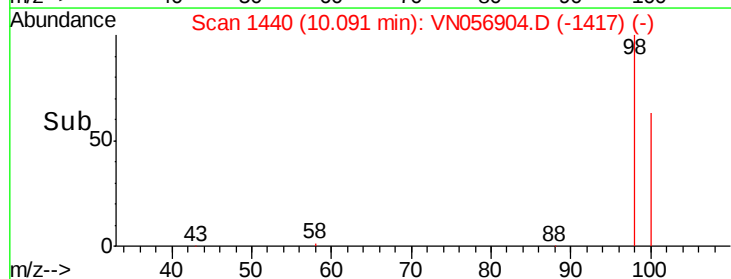
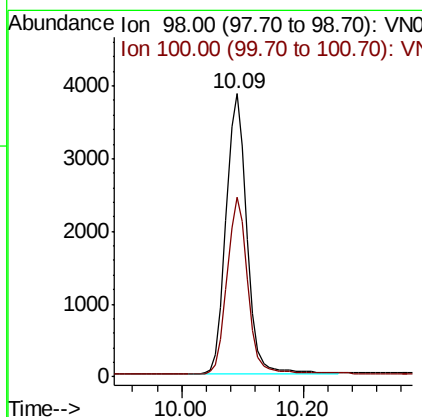
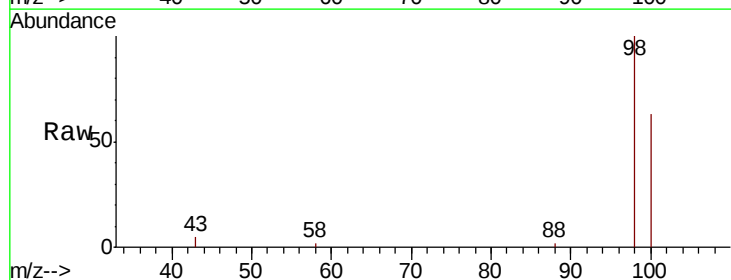
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

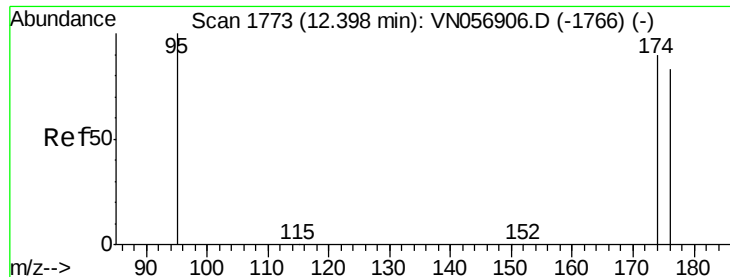
Tot Ion:113 Resp: 4477
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.5 122.3
 192 24.6 17.4 26.0



#6
 Toluene-d8
 Concen: 0.901 ug/l
 RT: 10.09 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VN056904.D
 Acq: 24 Jul 2019 11:24

Tgt Ion: 98 Resp: 9060
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.5 75.7





#7

4-Bromofluorobenzene

Concen: 0.657 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056904.D

Acq: 24 Jul 2019 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC001

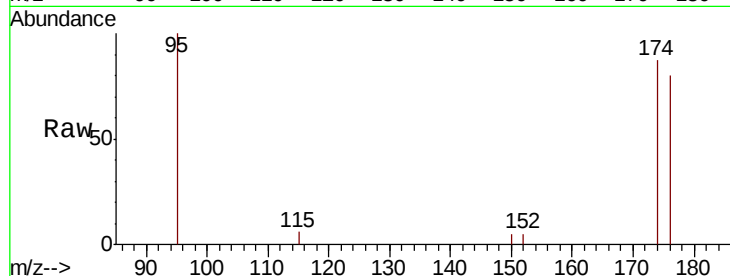
Tot Ion: 95 Resp: 2262

Ion Ratio Lower Upper

95 100

174 86.8 0.0 179.8

176 80.4 0.0 166.6

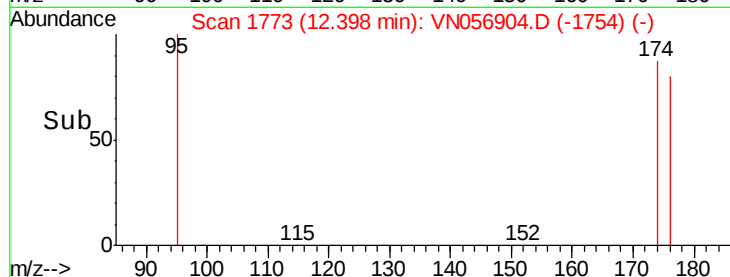


Abundance Ion 95.00 (94.70 to 95.70): VN056904.D (-1766) (-)

Ion 174.00 (173.70 to 174.70): VN056904.D (-1766) (-)

Ion 176.00 (175.70 to 176.70): VN056904.D (-1766) (-)

Time-->

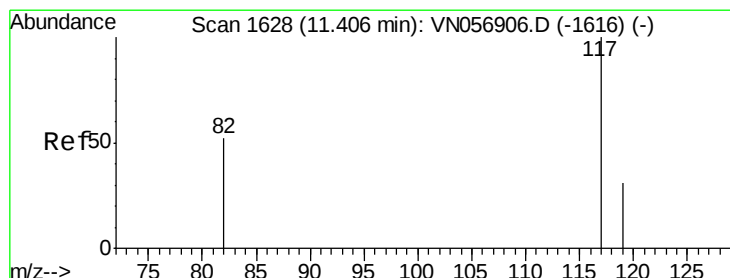


Abundance Ion 95.00 (94.70 to 95.70): VN056904.D (-1754) (-)

Ion 174.00 (173.70 to 174.70): VN056904.D (-1754) (-)

Ion 176.00 (175.70 to 176.70): VN056904.D (-1754) (-)

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056904.D

Acq: 24 Jul 2019 11:24

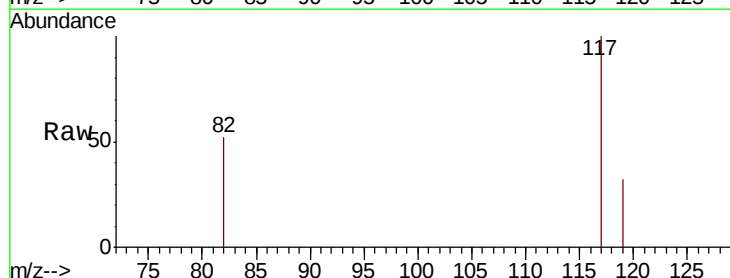
Tgt Ion: 117 Resp: 45491

Ion Ratio Lower Upper

117 100

82 52.4 42.0 63.0

119 31.5 25.1 37.7

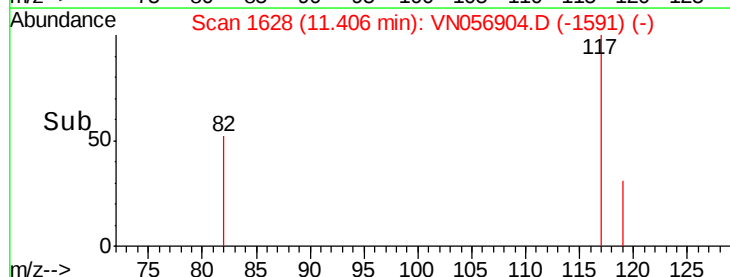


Abundance Ion 117.00 (116.70 to 117.70): VN056904.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN056904.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN056904.D (-1616) (-)

Time-->

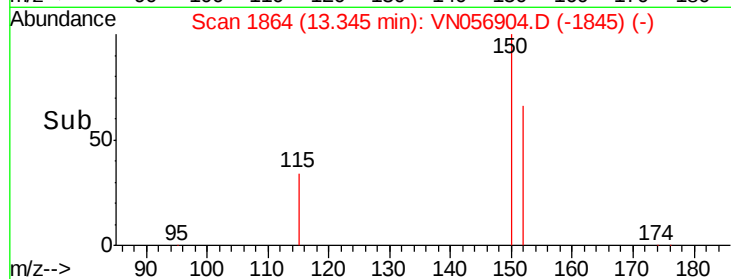
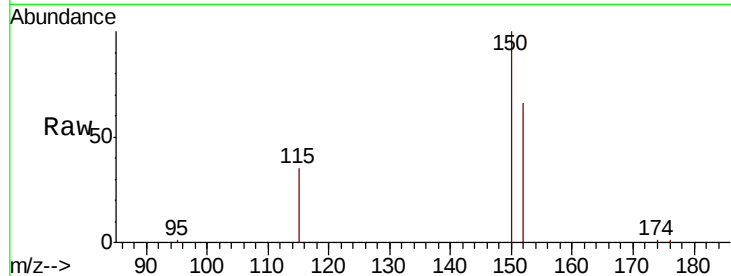
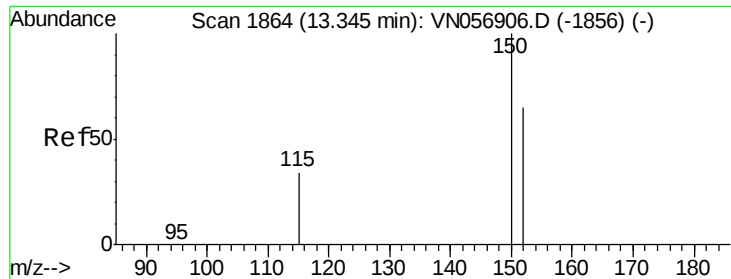


Abundance Ion 117.00 (116.70 to 117.70): VN056904.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN056904.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN056904.D (-1591) (-)

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: VN056904.D

Acq: 24 Jul 2019 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC001

Tot Ion:152 Resp: 6671

Ion Ratio Lower Upper

152 100

115 52.7 26.5 79.4

150 150.9 0.0 306.2

