

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056633.D
 Acq On : 10 Jul 2019 9:18
 Operator : JC/SP
 Sample : VSSTDICC0.1
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC0.1

Quant Time: Jul 11 04:53:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071019SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 04:48:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	59044	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	86564	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	65048	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	16143	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	955	0.13	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	2.60%#
5) Dibromofluoromethane	7.59	113	678	0.14	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	2.80%#
6) Toluene-d8	10.09	98	1652	0.15	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	3.00%#
7) 4-Bromofluorobenzene	12.40	95	1624	0.54	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	10.80%#

Target Compounds

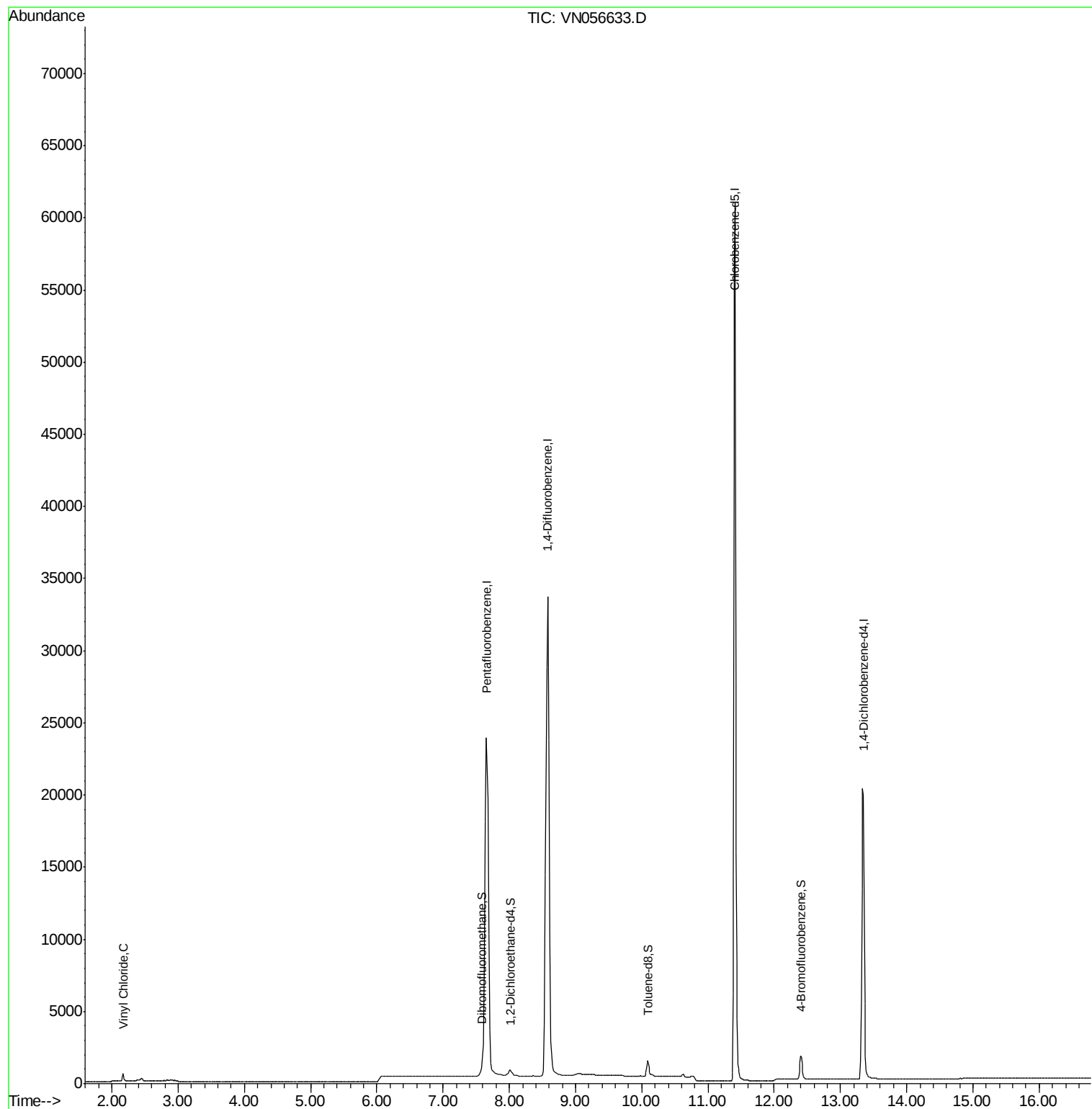
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	584	0.100	ug/l #	62

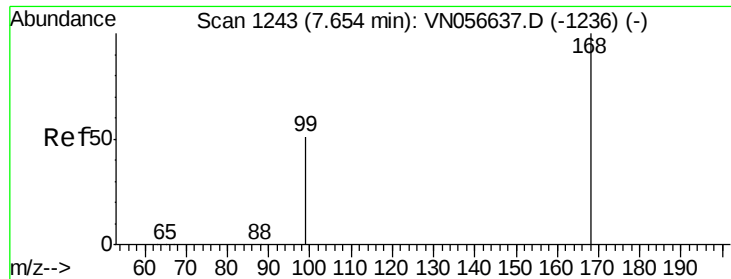
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056633.D

Acq: 10 Jul 2019 9:18

Instrument :

MSVOA_N

ClientSampleId :

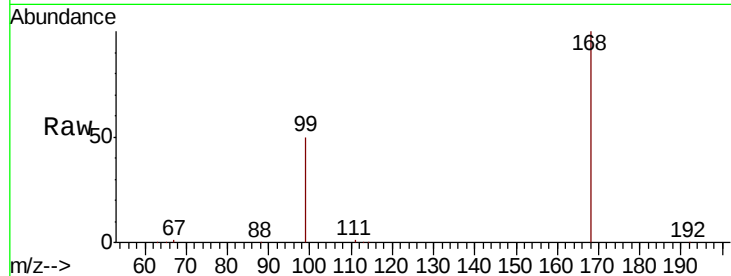
VSSTDIC0.1

Tot Ion:168 Resp: 59044

Ion Ratio Lower Upper

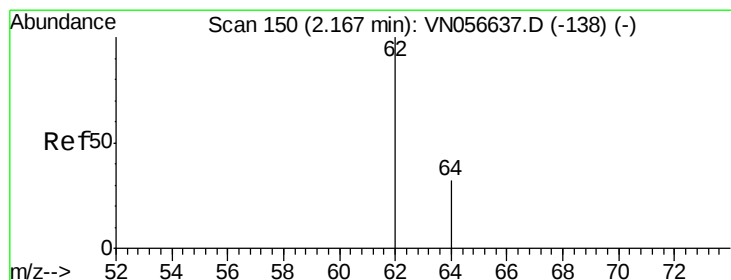
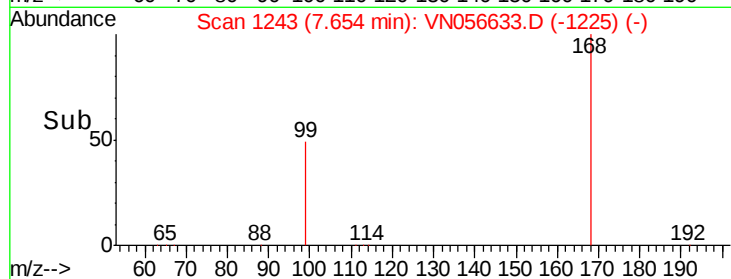
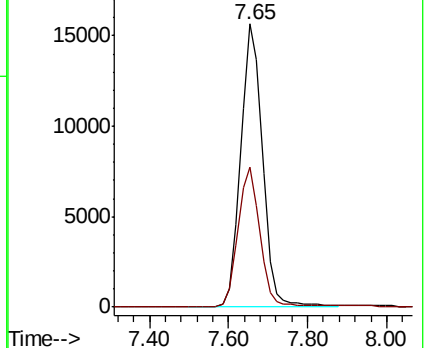
168 100

99 49.5 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#2

Vinyl Chloride

Concen: 0.100 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056633.D

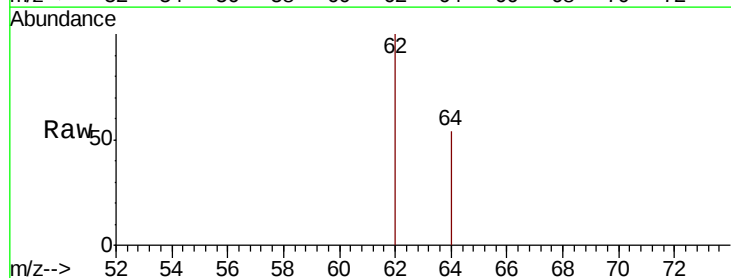
Acq: 10 Jul 2019 9:18

Tgt Ion: 62 Resp: 584

Ion Ratio Lower Upper

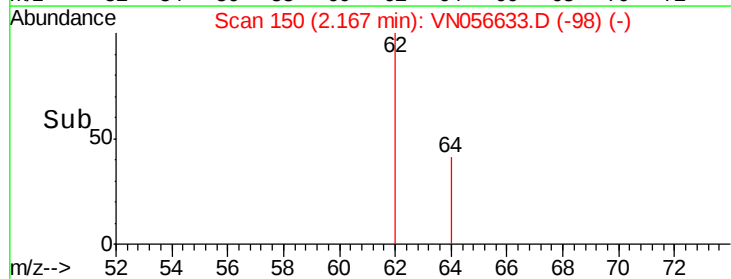
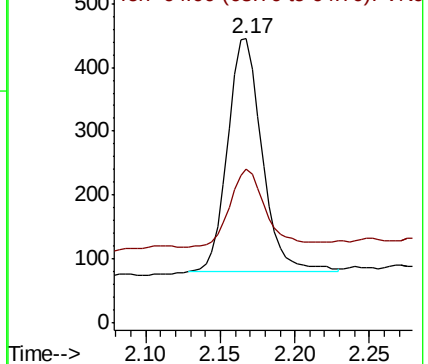
62 100

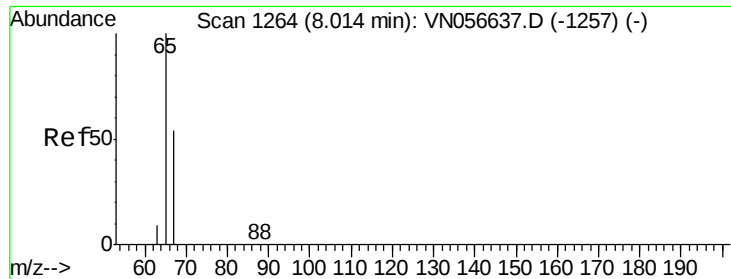
64 53.9 26.0 39.0#



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN





#3

1,2-Dichloroethane-d4

Concen: 0.133 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056633.D

Acq: 10 Jul 2019 9:18

Instrument :

MSVOA_N

ClientSampleId :

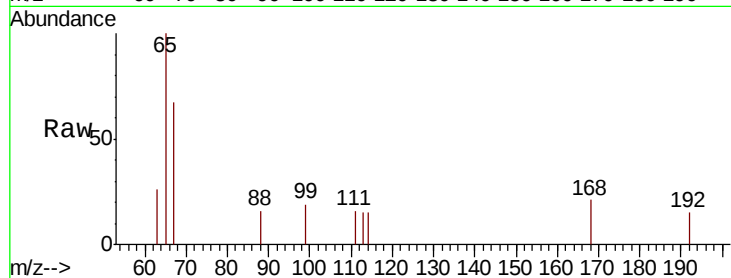
VSSTDIC0.1

Tot Ion: 65 Resp: 955

Ion Ratio Lower Upper

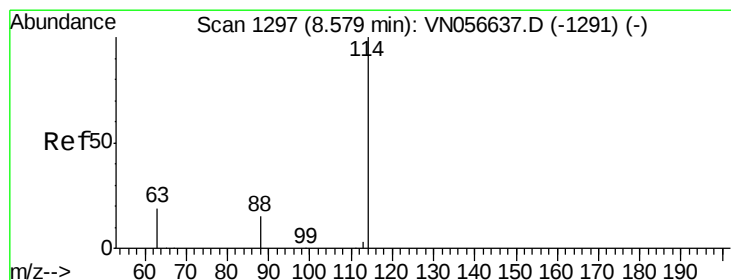
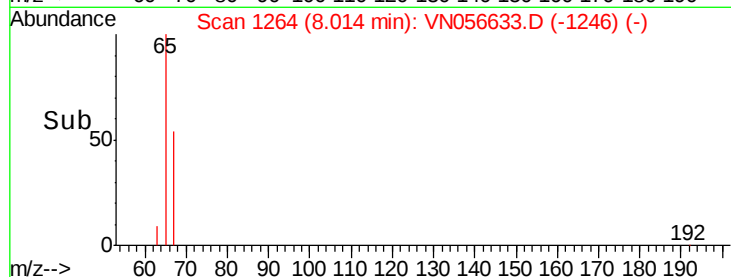
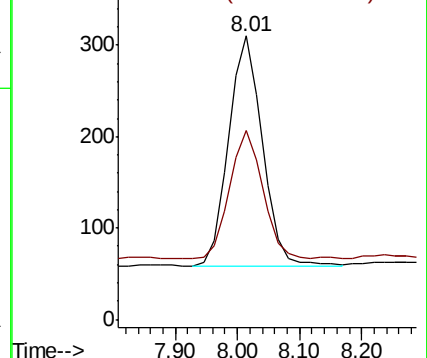
65 100

67 66.8 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: VN056633.D

Acq: 10 Jul 2019 9:18

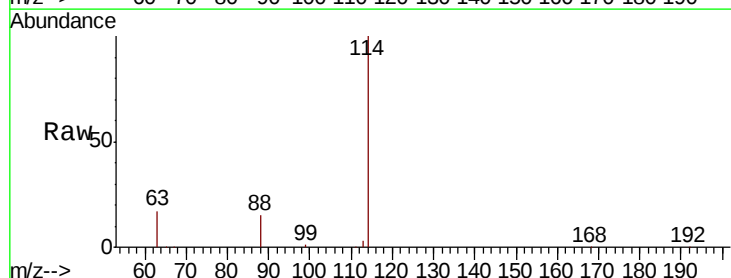
Tgt Ion: 114 Resp: 86564

Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.6

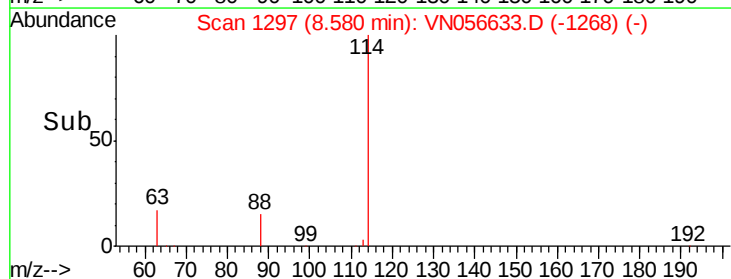
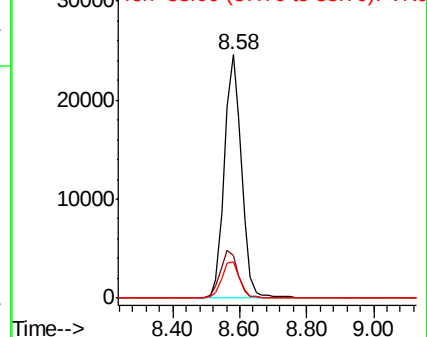
88 14.9 0.0 30.8

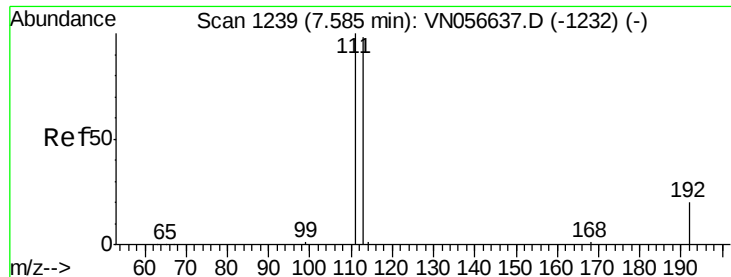


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#5

Dibromofluoromethane

Concen: 0.142 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056633.D

Acq: 10 Jul 2019 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

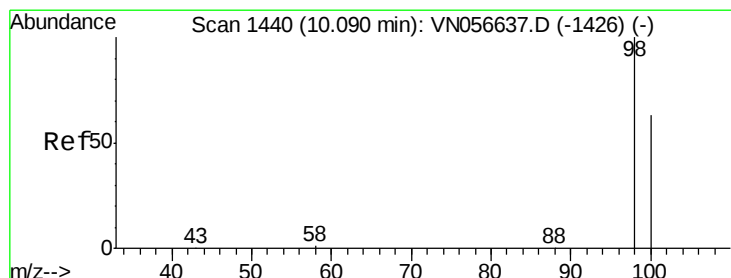
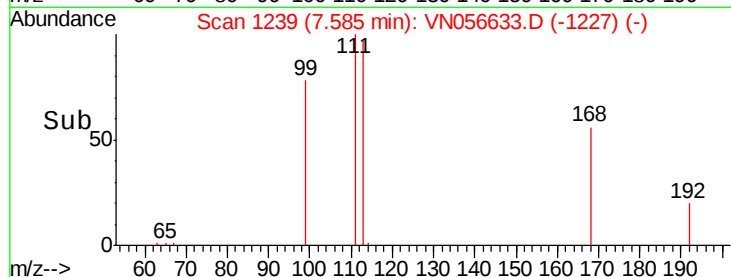
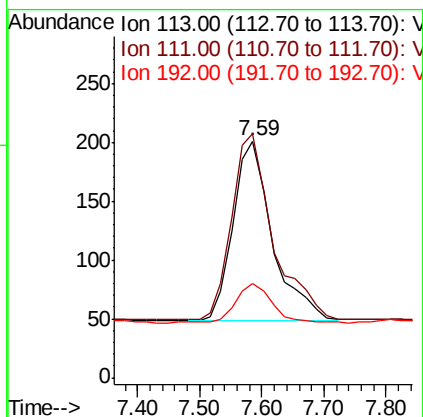
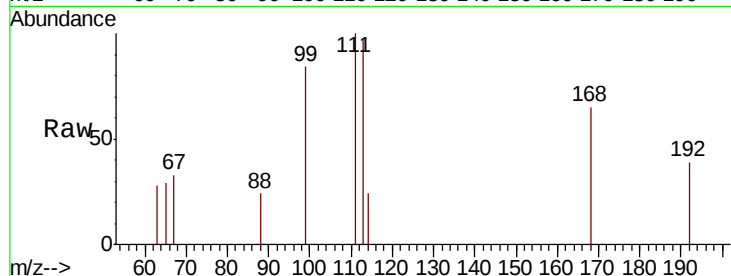
Tot Ion: 113 Resp: 678

Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 39.8 16.9 25.3#



#6

Toluene-d8

Concen: 0.151 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056633.D

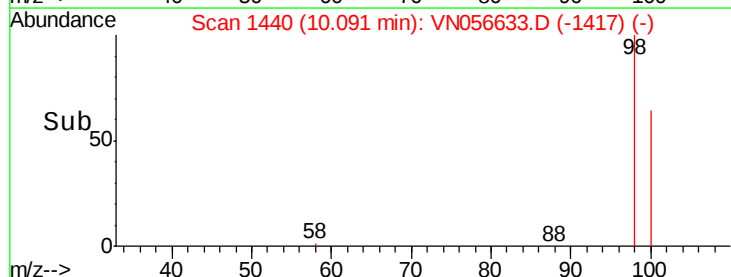
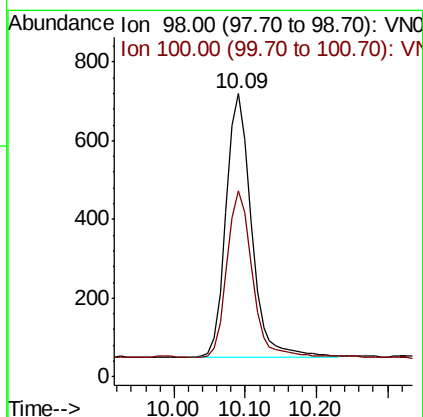
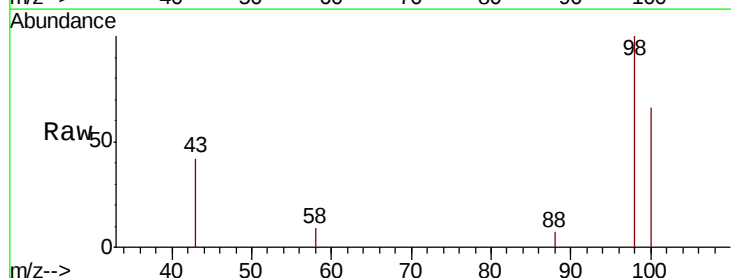
Acq: 10 Jul 2019 9:18

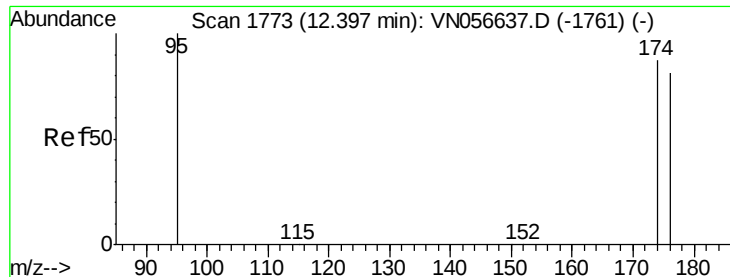
Tgt Ion: 98 Resp: 1652

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





#7

4-Bromofluorobenzene

Concen: 0.538 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056633.D

Acq: 10 Jul 2019 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

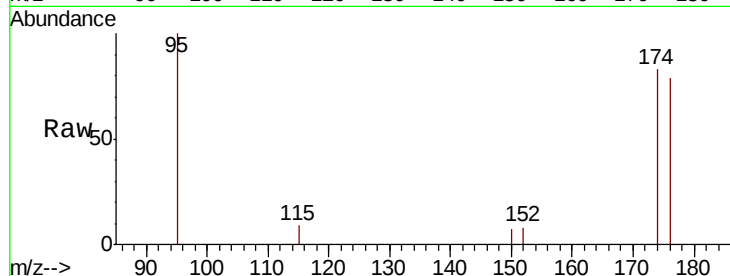
Tot Ion: 95 Resp: 1624

Ion Ratio Lower Upper

95 100

174 83.3 0.0 174.2

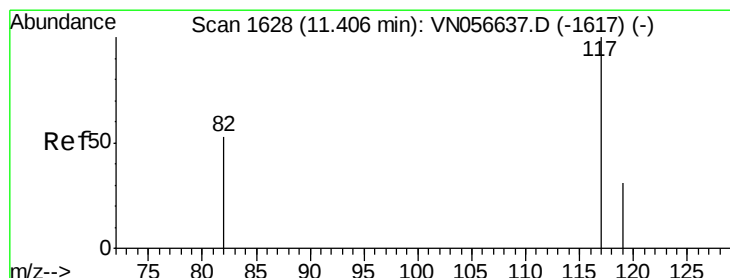
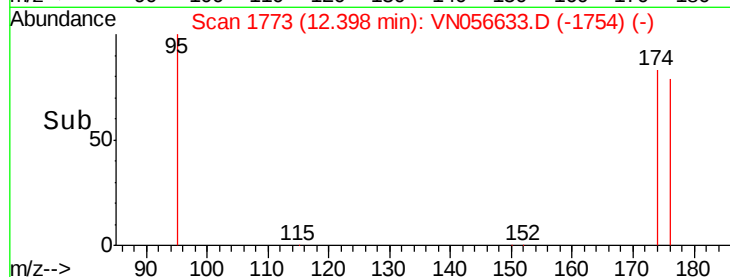
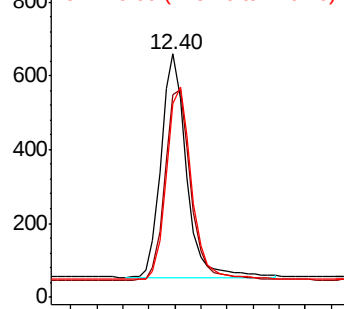
176 79.4 0.0 162.0



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN0

Ion 176.00 (175.70 to 176.70): VN0



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056633.D

Acq: 10 Jul 2019 9:18

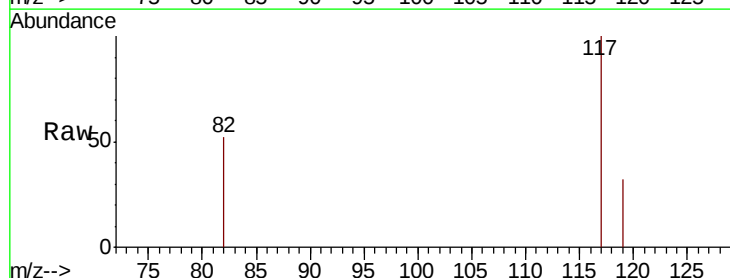
Tgt Ion: 117 Resp: 65048

Ion Ratio Lower Upper

117 100

82 52.4 42.6 63.8

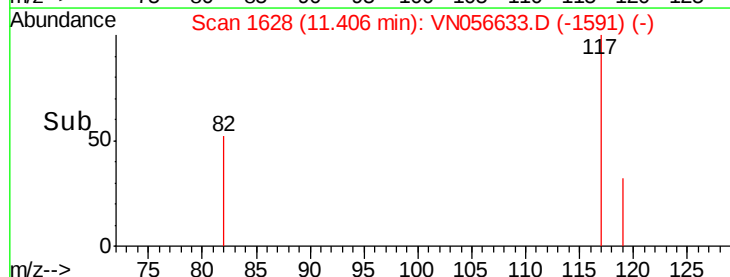
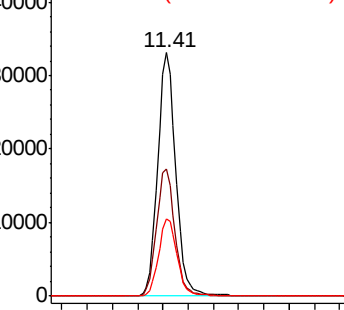
119 31.9 25.0 37.6

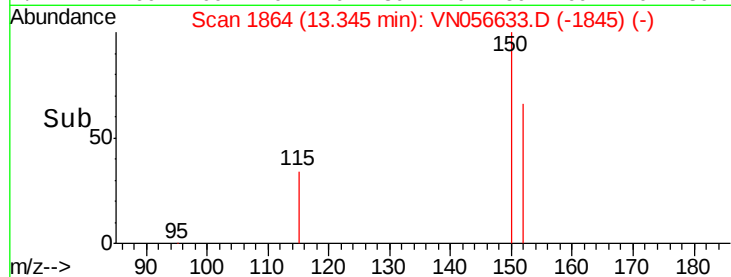
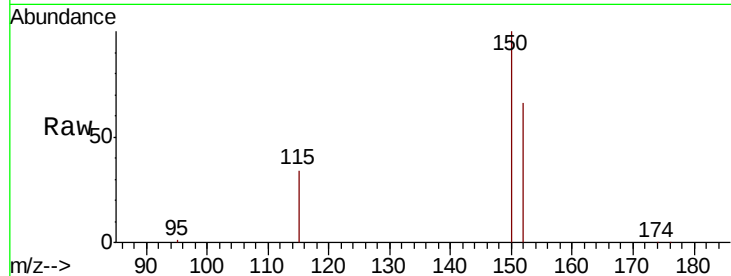
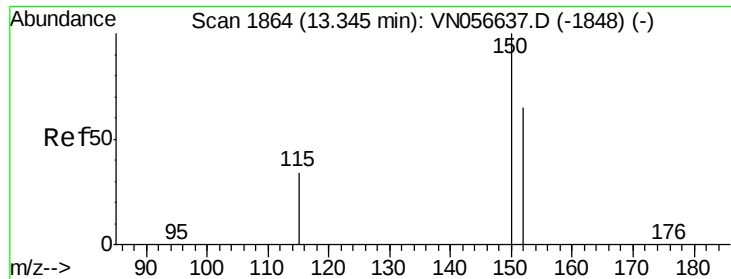


Abundance Ion 117.00 (116.70 to 117.70): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): VN0





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056633.D

Acq: 10 Jul 2019 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSSTDIC0.1

Tot Ion:152 Resp: 16143

Ion Ratio Lower Upper

152 100

115 52.2 26.5 79.4

150 152.1 0.0 306.0

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

