

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071119\
 Data File : VN056663.D
 Acq On : 11 Jul 2019 12:50
 Operator : JC/SP
 Sample : VN0711WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 12 04:27:25 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	45058	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	77945	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	51066	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	10535	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	28415	5.26	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	105.20%
5) Dibromofluoromethane	7.59	113	22060	5.36	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	107.20%
6) Toluene-d8	10.09	98	49110	4.93	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	98.60%
7) 4-Bromofluorobenzene	12.40	95	15686	4.40	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	88.00%

Target Compounds

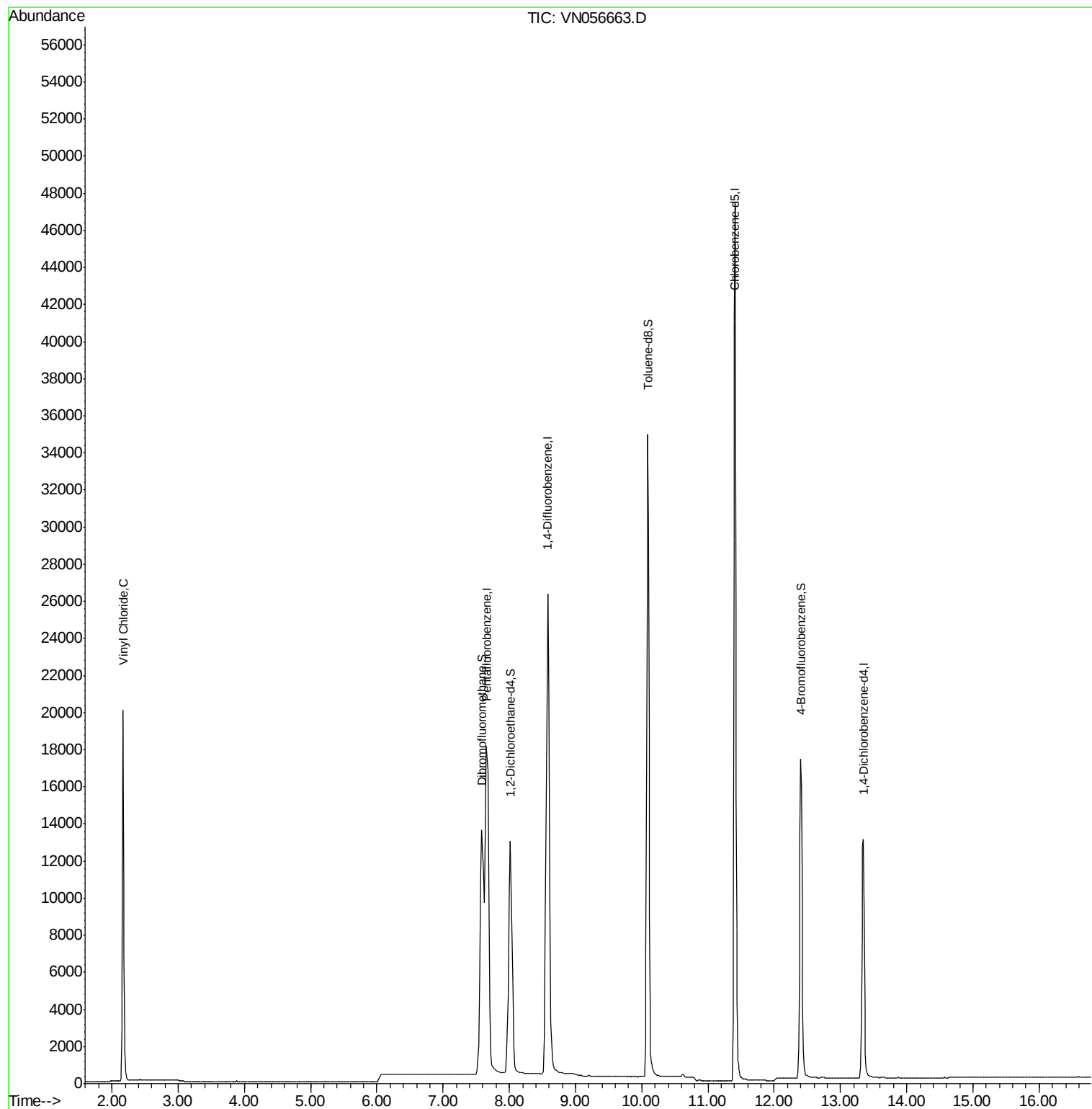
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	23835	5.623	ug/l	100

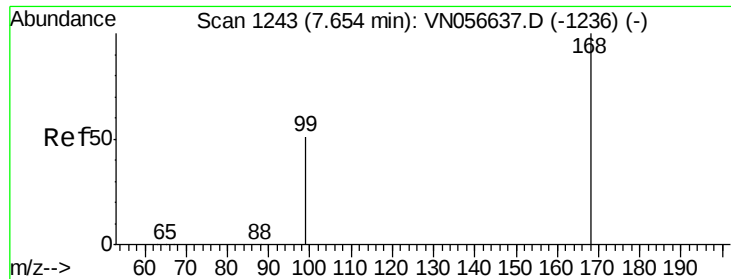
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN056663.D

Acq: 11 Jul 2019 12:50

Instrument :

MSVOA_N

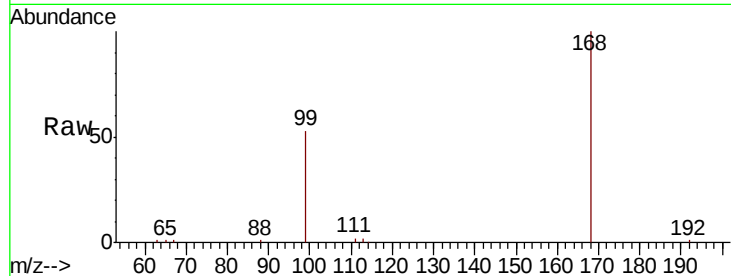
ClientSampleId :

Tot Ion:168 Resp: 45058

Ion Ratio Lower Upper

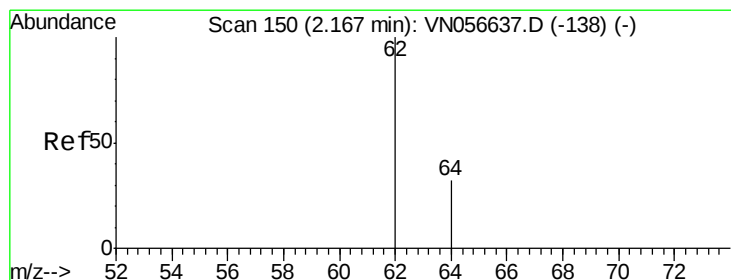
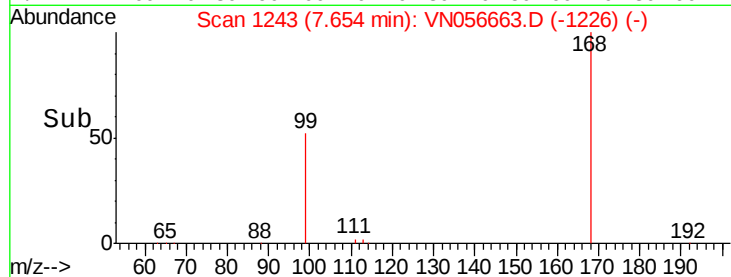
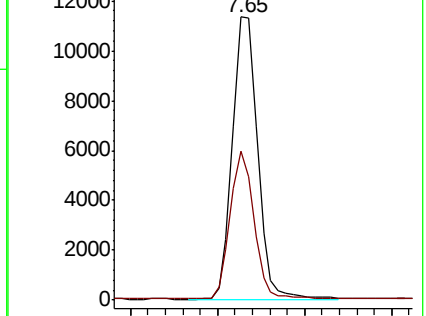
168 100

99 52.6 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: 5.623 ug/l

RT: 2.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: VN056663.D

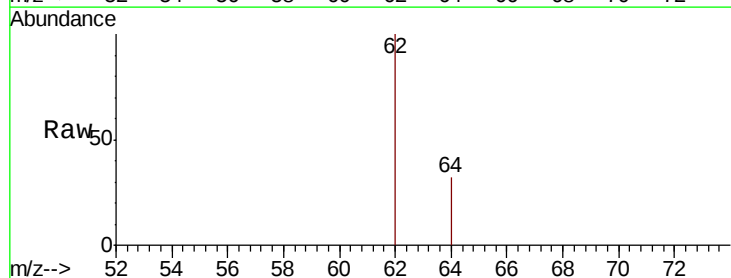
Acq: 11 Jul 2019 12:50

Tgt Ion: 62 Resp: 23835

Ion Ratio Lower Upper

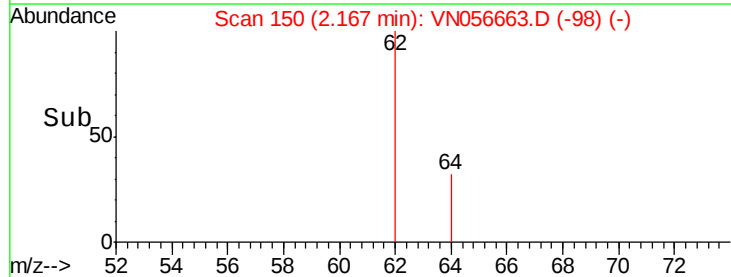
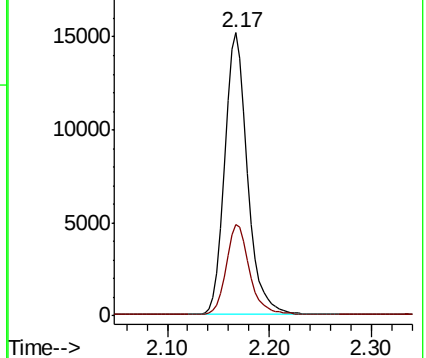
62 100

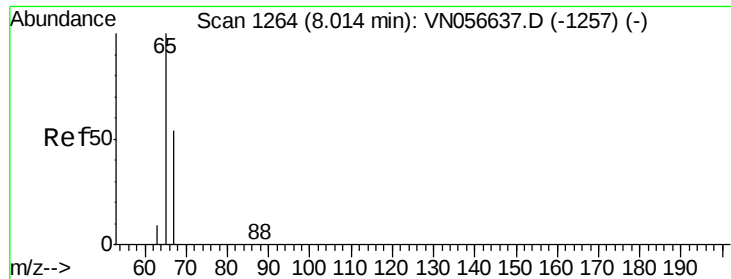
64 32.4 26.0 39.0



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: 5.258 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056663.D

Acq: 11 Jul 2019 12:50

Instrument :

MSVOA_N

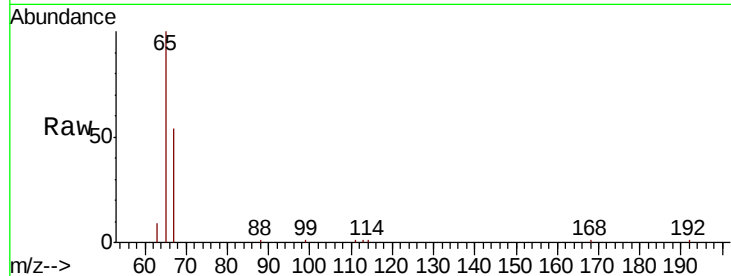
ClientSampleId :

Tot Ion: 65 Resp: 28415

Ion Ratio Lower Upper

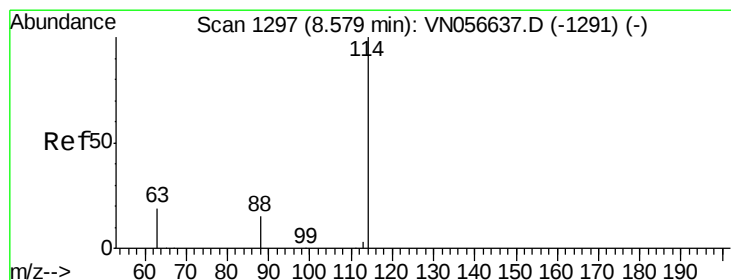
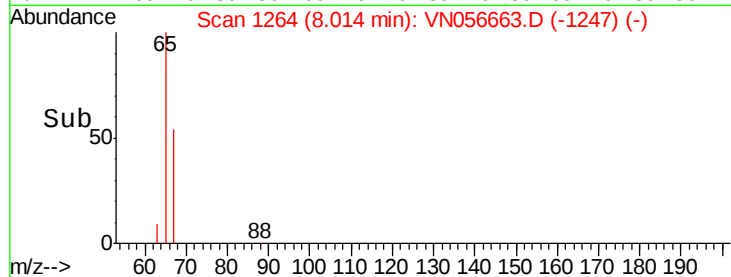
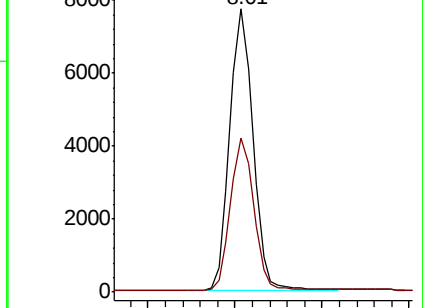
65 100

67 54.3 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN056663.D (-1257) (-)

Ion 67.00 (66.70 to 67.70): VN056663.D (-1257) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056663.D

Acq: 11 Jul 2019 12:50

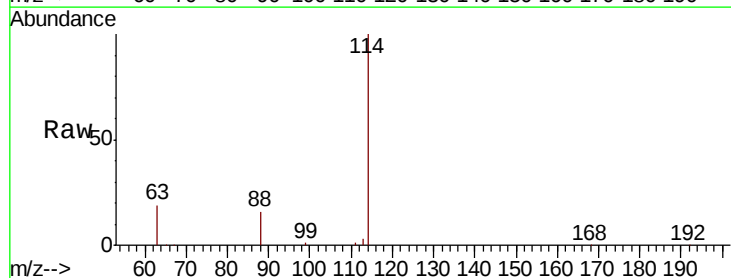
Tgt Ion: 114 Resp: 77945

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

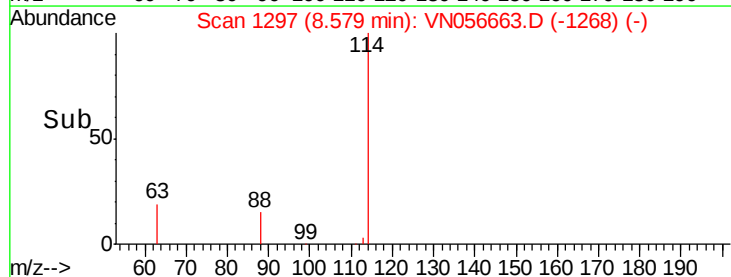
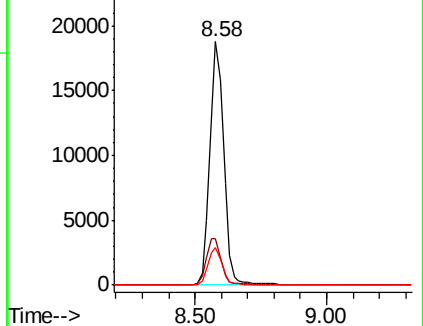
88 15.5 0.0 30.8

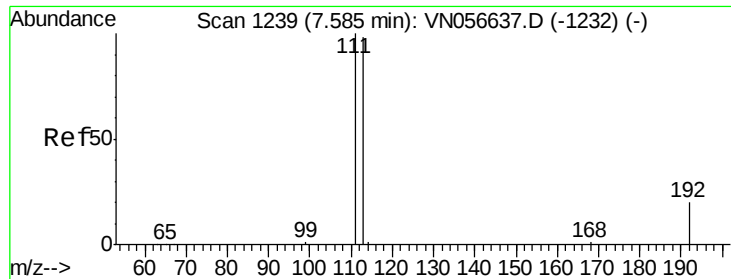


Abundance Ion 114.00 (113.70 to 114.70): VN056663.D (-1291) (-)

Ion 63.00 (62.70 to 63.70): VN056663.D (-1291) (-)

Ion 88.00 (87.70 to 88.70): VN056663.D (-1291) (-)

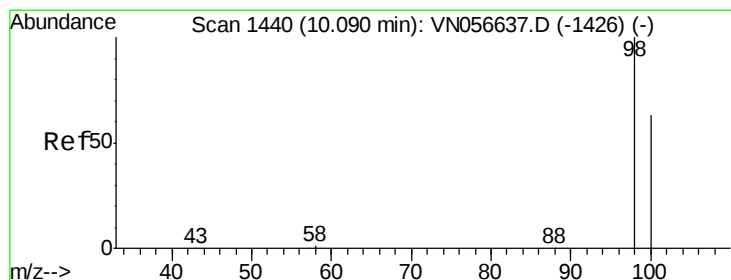
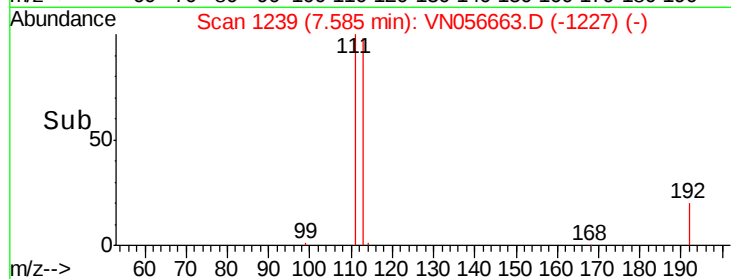
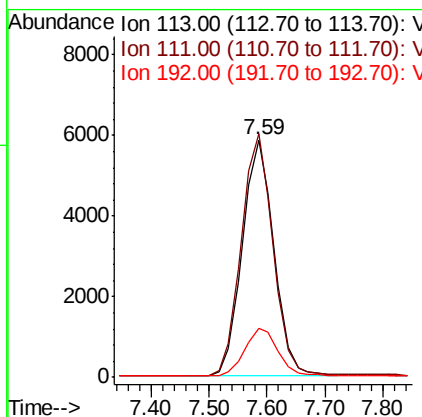
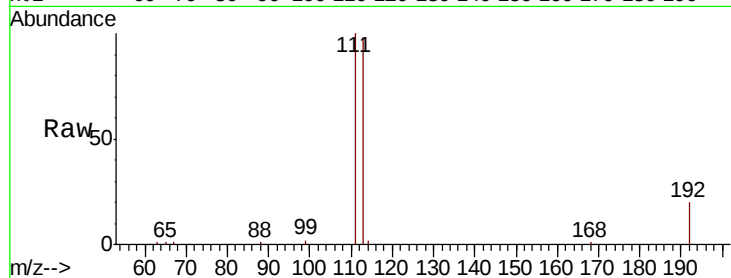




#5
Dibromofluoromethane
Concen: 5.360 ug/l
RT: 7.59 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VN056663.D
Acq: 11 Jul 2019 12:50

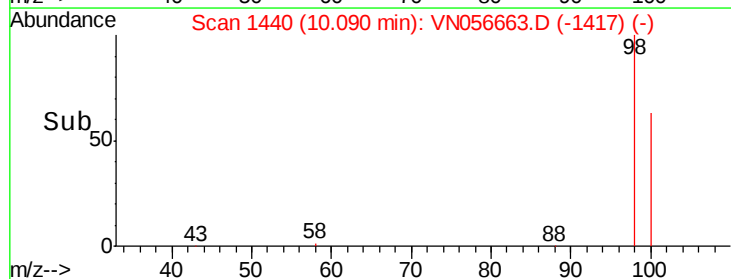
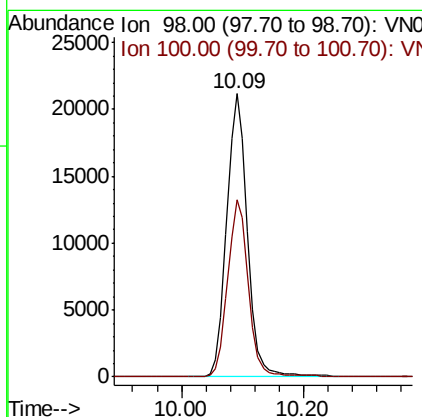
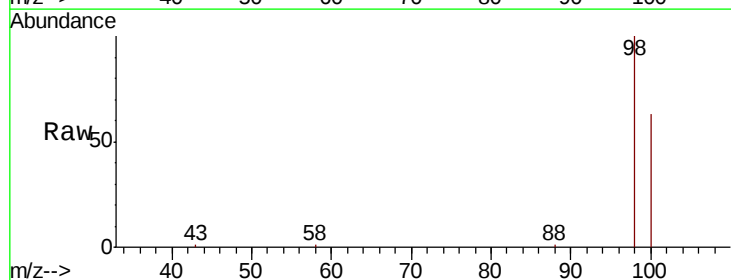
Instrument :
MSVOA_N
ClientSampleId :

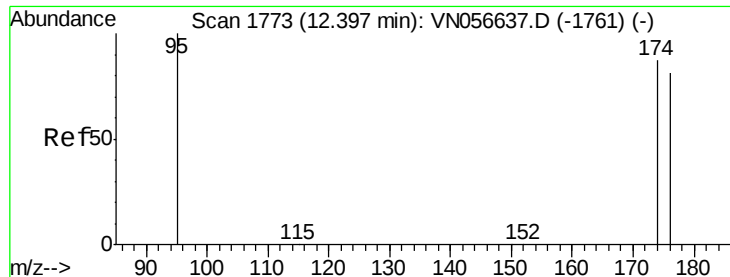
Tot Ion:113 Resp: 22060
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 20.9 16.9 25.3



#6
Toluene-d8
Concen: 4.935 ug/l
RT: 10.09 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VN056663.D
Acq: 11 Jul 2019 12:50

Tgt Ion: 98 Resp: 49110
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1





#7

4-Bromofluorobenzene

Concen: 4.400 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056663.D

Acq: 11 Jul 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

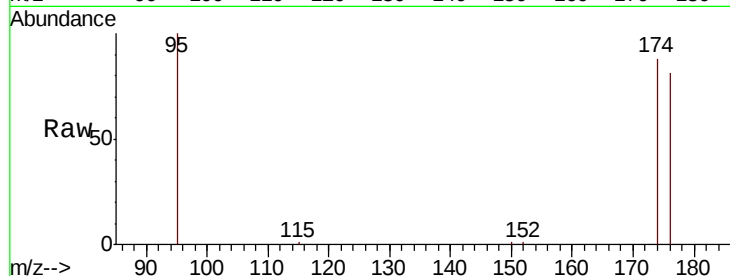
Tot Ion: 95 Resp: 15686

Ion Ratio Lower Upper

95 100

174 88.2 0.0 174.2

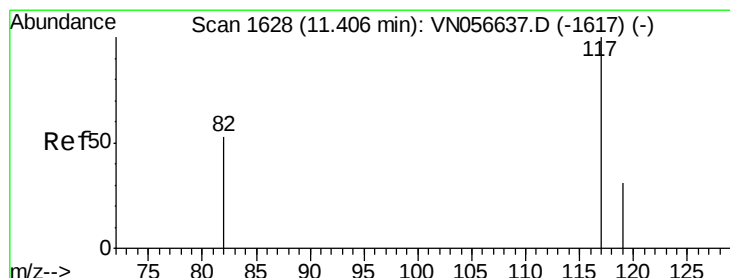
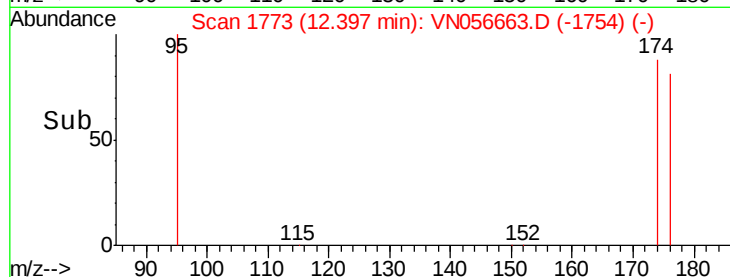
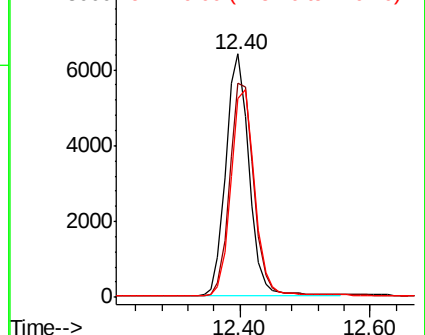
176 81.5 0.0 162.0



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: VN056663.D

Acq: 11 Jul 2019 12:50

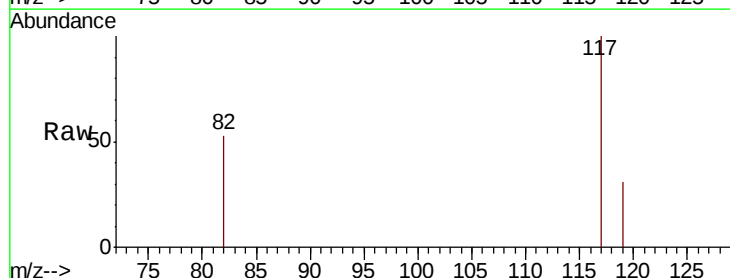
Tgt Ion: 117 Resp: 51066

Ion Ratio Lower Upper

117 100

82 53.2 42.6 63.8

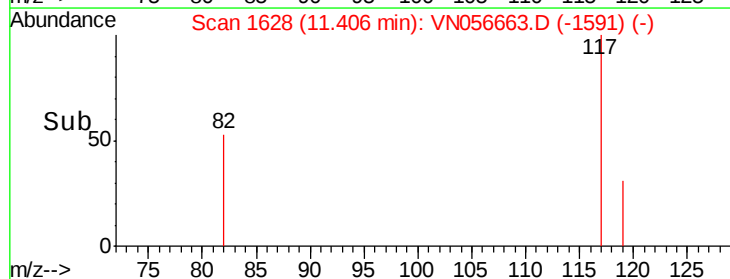
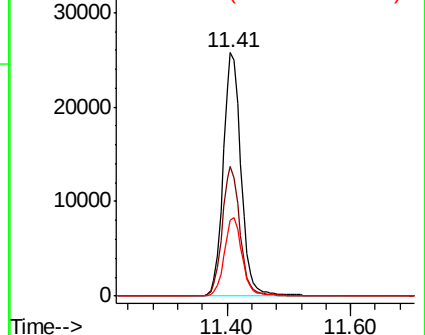
119 31.2 25.0 37.6

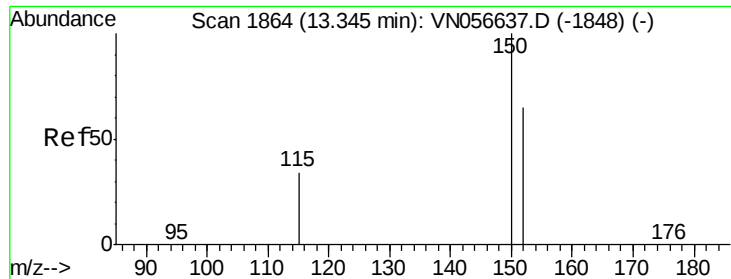


Abundance Ion 117.00 (116.70 to 117.70): VN0

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: VN056663.D
 Acq: 11 Jul 2019 12:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.3	26.5	79.4
150	151.5	0.0	306.0

