

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071119\
 Data File : VN056661.D
 Acq On : 11 Jul 2019 11:40
 Operator : JC/SP
 Sample : VN0711WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

Quant Time: Jul 12 04:27:13 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	50250	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	83302	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	55145	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	11772	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	28742	4.77	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	95.40%
5) Dibromofluoromethane	7.59	113	22326	5.08	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	101.60%
6) Toluene-d8	10.09	98	50526	4.75	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	95.00%
7) 4-Bromofluorobenzene	12.40	95	16326	4.28	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	85.60%

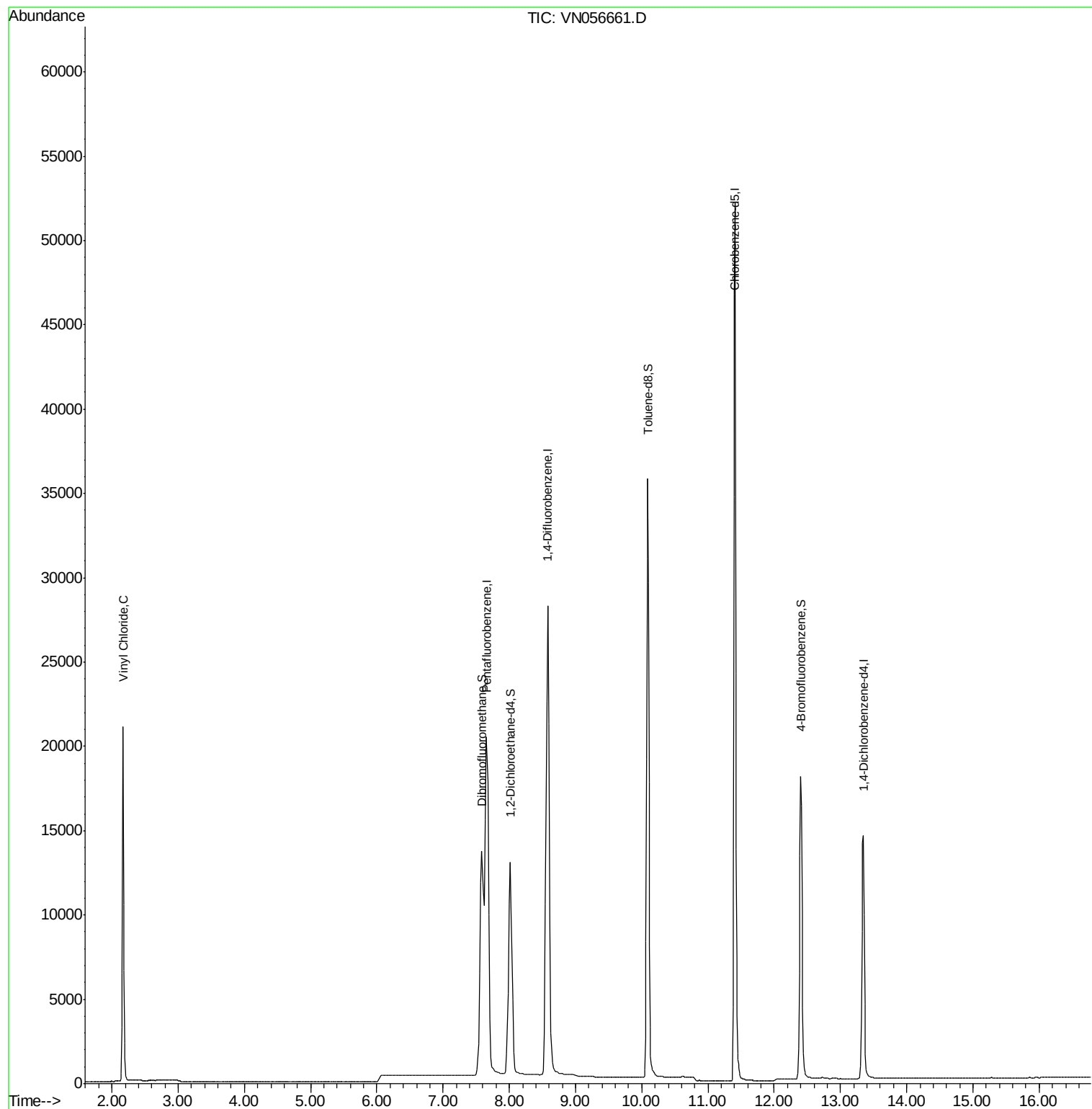
Target Compounds					Qvalue
2) Vinyl Chloride	2.17	62	24680	5.220	ug/l 100

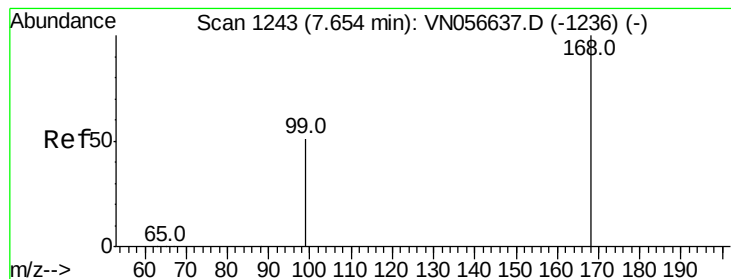
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056661.D

Acq: 11 Jul 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

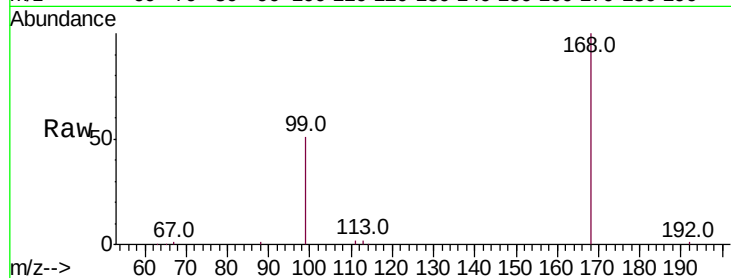
VN0711WBS01

Tot Ion:168 Resp: 50250

Ion Ratio Lower Upper

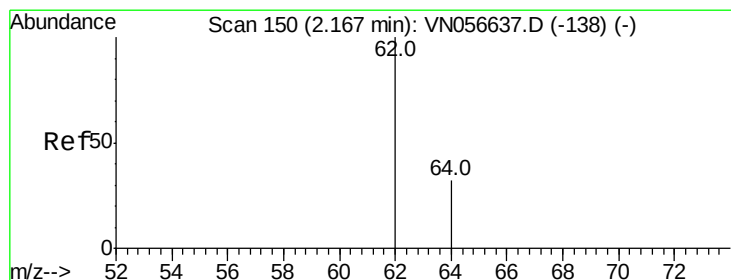
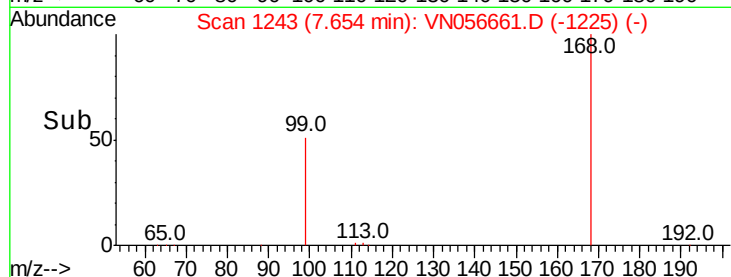
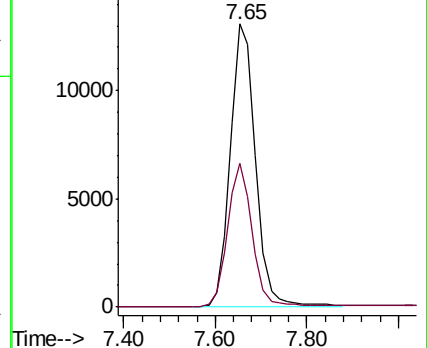
168 100

99 50.8 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: 5.220 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056661.D

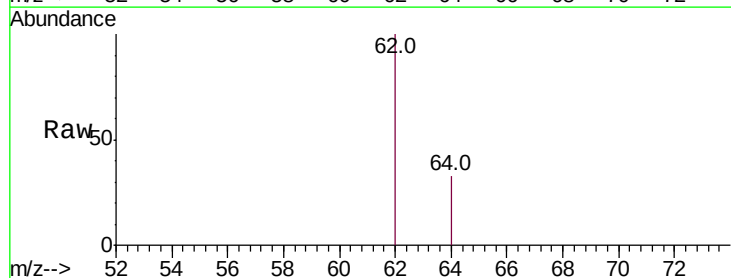
Acq: 11 Jul 2019 11:40

Tgt Ion: 62 Resp: 24680

Ion Ratio Lower Upper

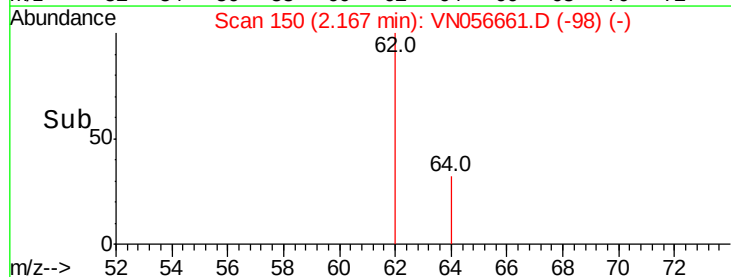
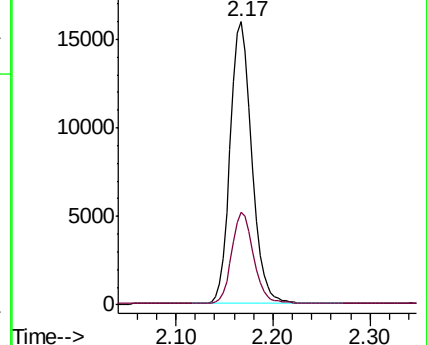
62 100

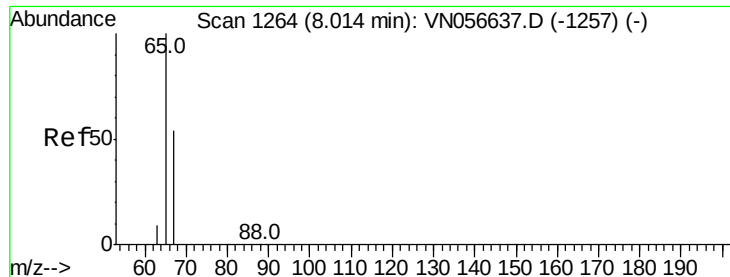
64 32.6 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN





#3

1,2-Dichloroethane-d4

Concen: 4.769 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056661.D

Acq: 11 Jul 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

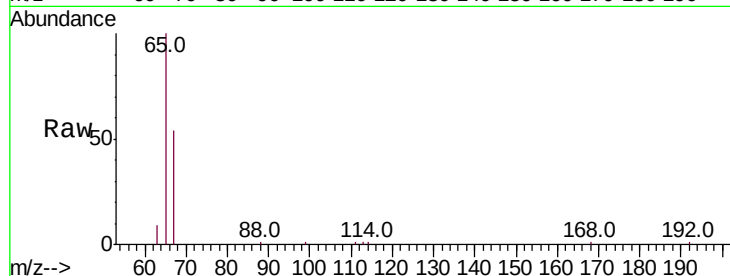
VN0711WBS01

Tot Ion: 65 Resp: 28742

Ion Ratio Lower Upper

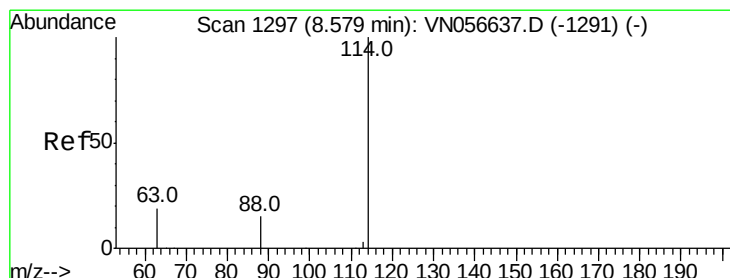
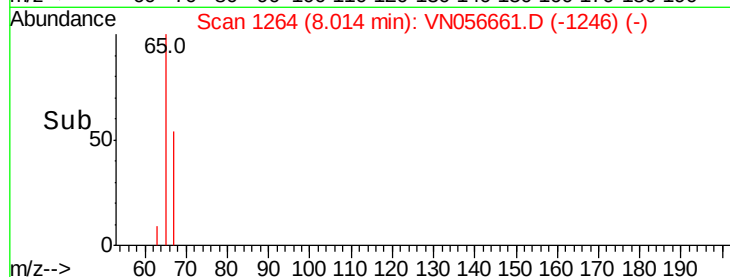
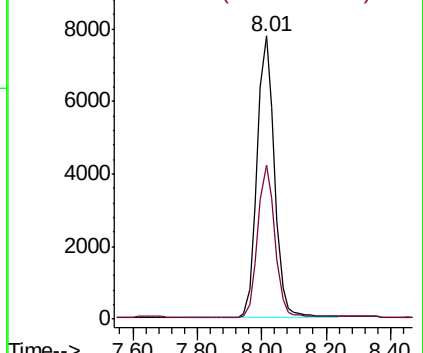
65 100

67 54.3 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: VN056661.D

Acq: 11 Jul 2019 11:40

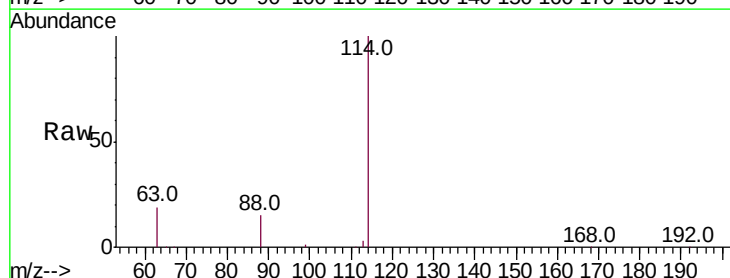
Tgt Ion: 114 Resp: 83302

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.6

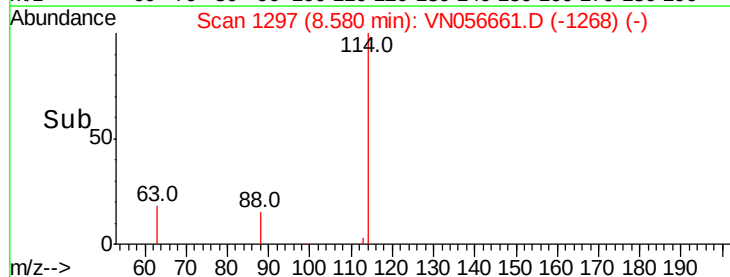
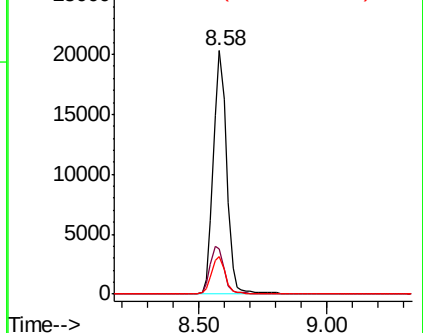
88 15.2 0.0 30.8

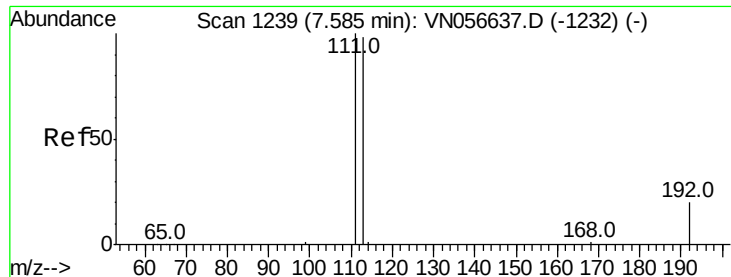


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#5

Dibromofluoromethane

Concen: 5.076 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056661.D

Acq: 11 Jul 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

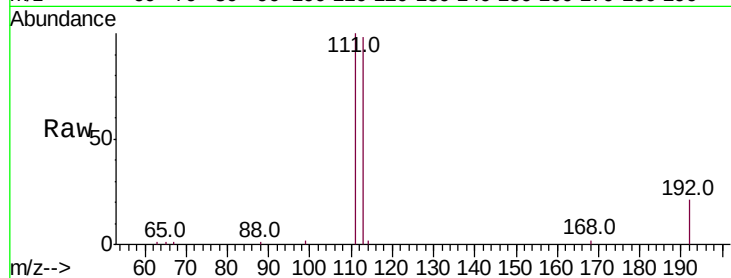
Tot Ion:113 Resp: 22326

Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

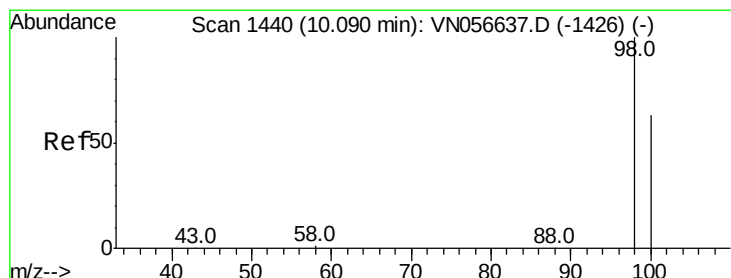
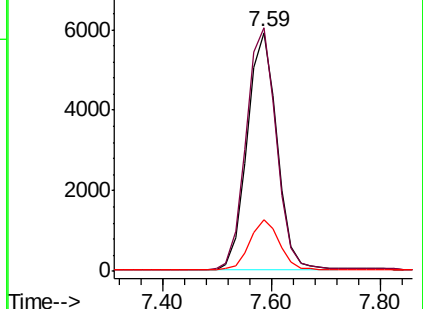
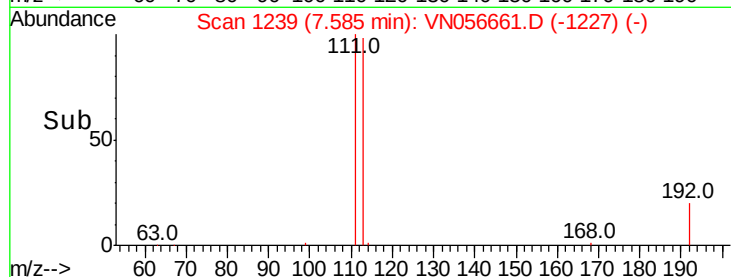
192 21.5 16.9 25.3



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: 4.751 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056661.D

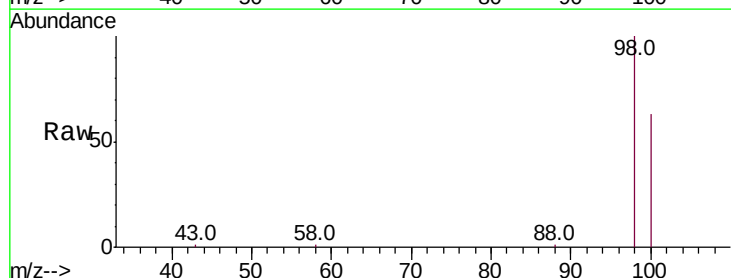
Acq: 11 Jul 2019 11:40

Tgt Ion: 98 Resp: 50526

Ion Ratio Lower Upper

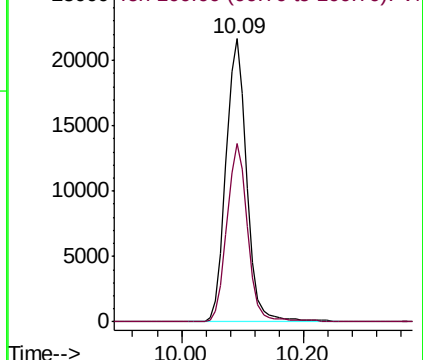
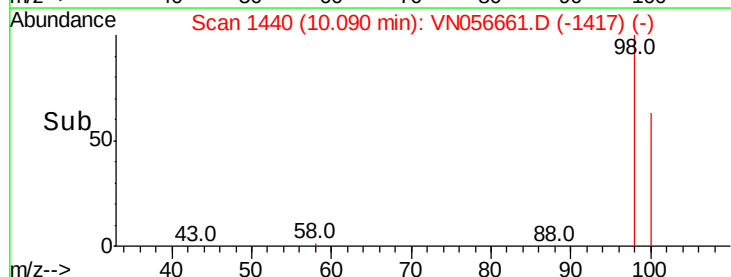
98 100

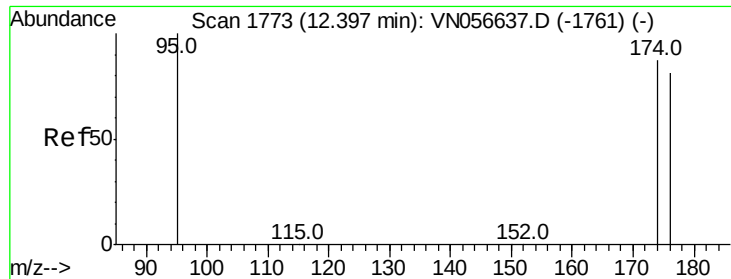
100 63.1 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.285 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056661.D

Acq: 11 Jul 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

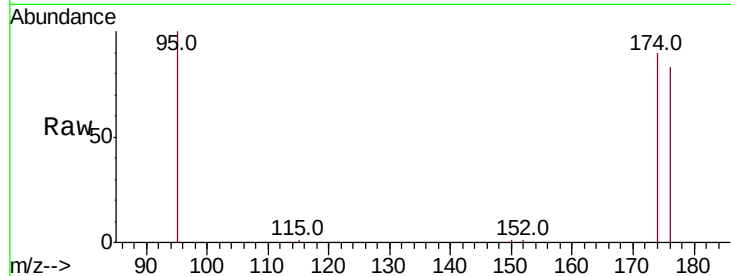
Tot Ion: 95 Resp: 16326

Ion Ratio Lower Upper

95 100

174 89.7 0.0 174.2

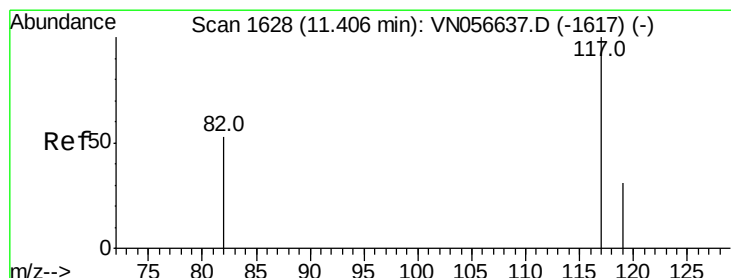
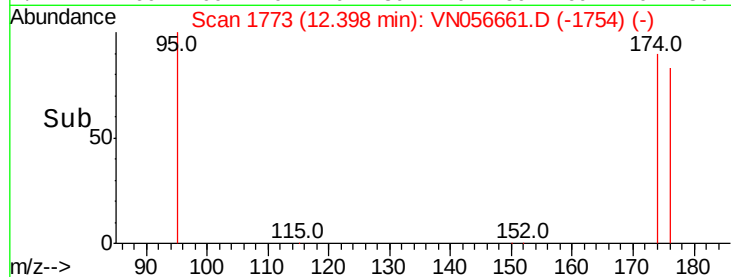
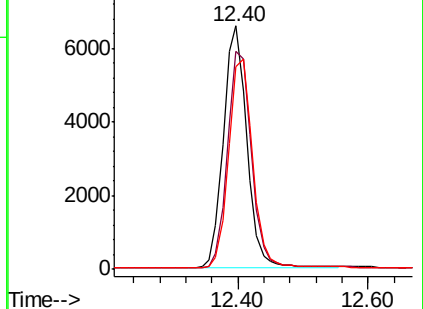
176 83.4 0.0 162.0



Abundance Ion 95.00 (94.70 to 95.70): VN056661.D (-1761) (-)

Ion 174.00 (173.70 to 174.70): VN056661.D (-1761) (-)

Ion 176.00 (175.70 to 176.70): VN056661.D (-1761) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056661.D

Acq: 11 Jul 2019 11:40

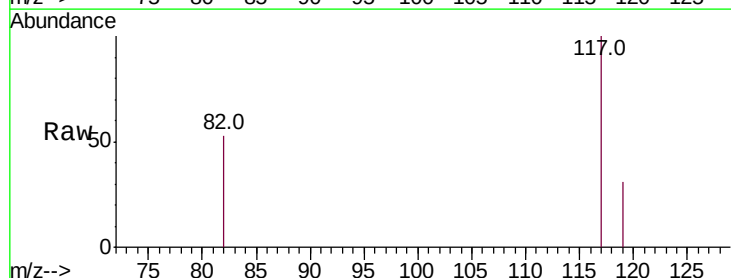
Tgt Ion: 117 Resp: 55145

Ion Ratio Lower Upper

117 100

82 53.1 42.6 63.8

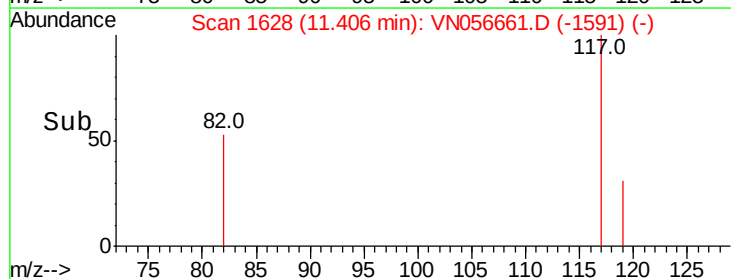
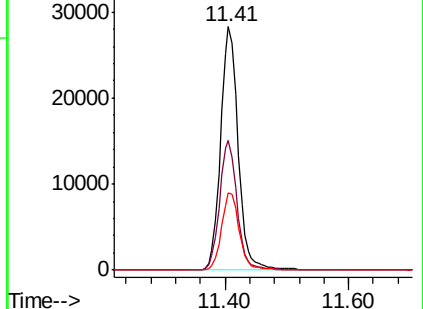
119 31.5 25.0 37.6

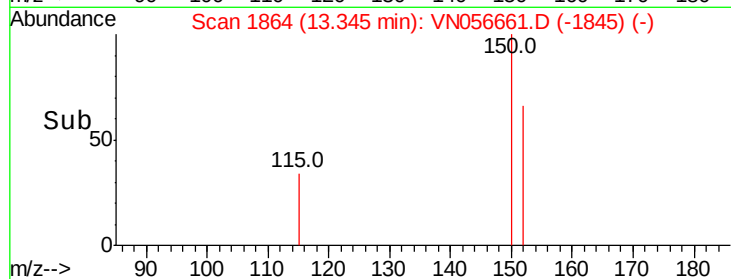
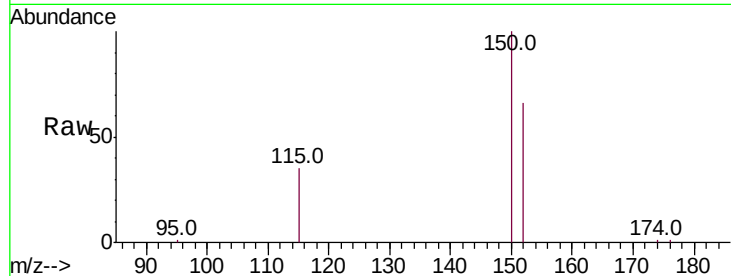
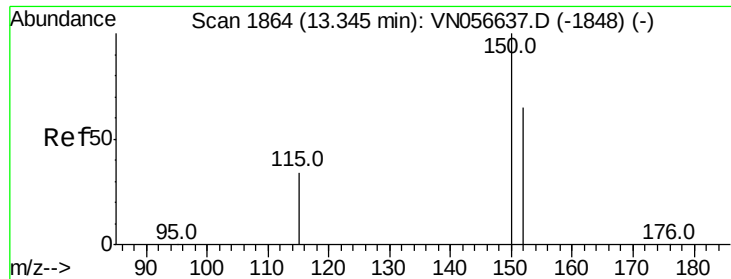


Abundance Ion 117.00 (116.70 to 117.70): VN056661.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN056661.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN056661.D (-1591) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056661.D

Acq: 11 Jul 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

Tot Ion:152 Resp: 11772

Ion Ratio Lower Upper

152 100

115 53.2 26.5 79.4

150 152.1 0.0 306.0

