

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056639.D
 Acq On : 10 Jul 2019 11:37
 Operator : JC/SP
 Sample : VSSTDICV005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071019

Quant Time: Jul 11 05:00:39 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	50242	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	86412	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	57913	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	14574	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	29369	4.87	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	97.40%
5) Dibromofluoromethane	7.59	113	22605	4.95	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	99.00%
6) Toluene-d8	10.09	98	55295	5.01	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	100.20%
7) 4-Bromofluorobenzene	12.40	95	19160	4.85	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	97.00%

Target Compounds

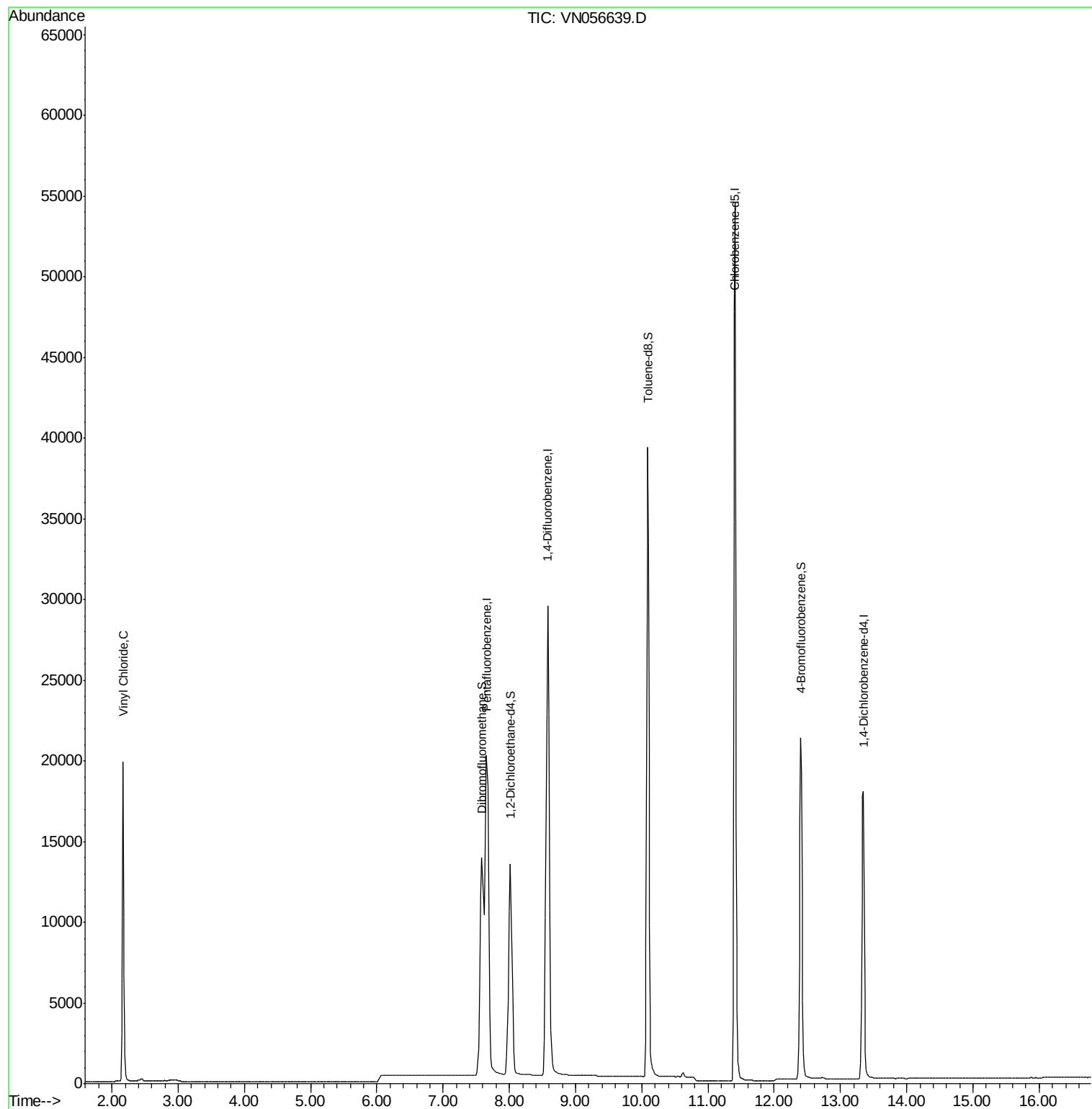
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	23815	5.038	ug/l	100

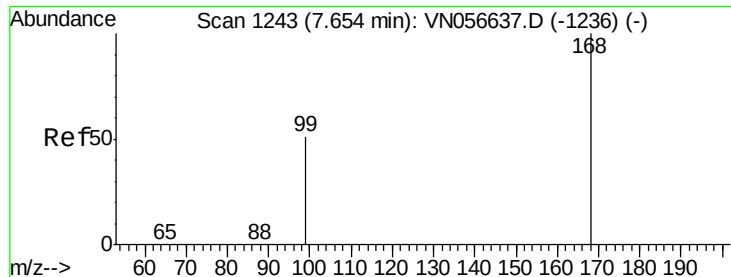
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056639.D

Acq: 10 Jul 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

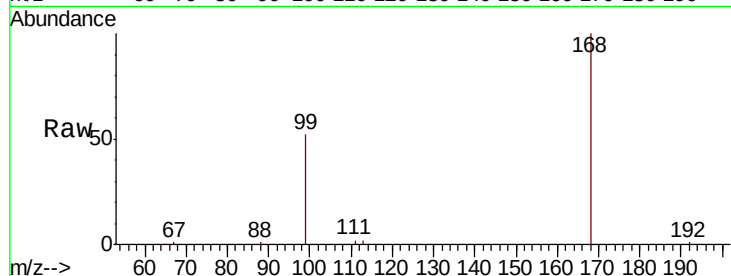
ICVVN071019

Tot Ion:168 Resp: 50242

Ion Ratio Lower Upper

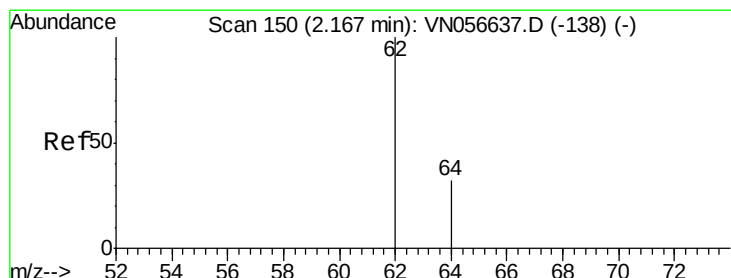
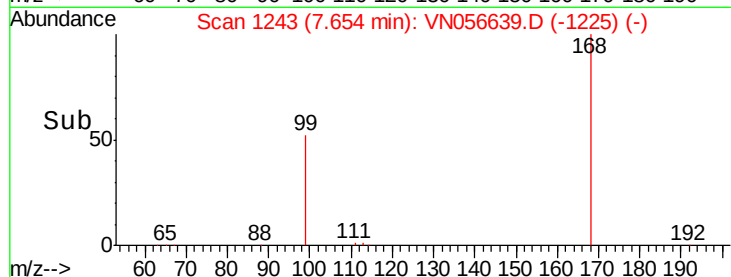
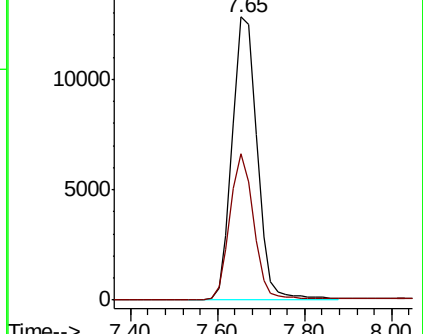
168 100

99 51.9 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: 5.038 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056639.D

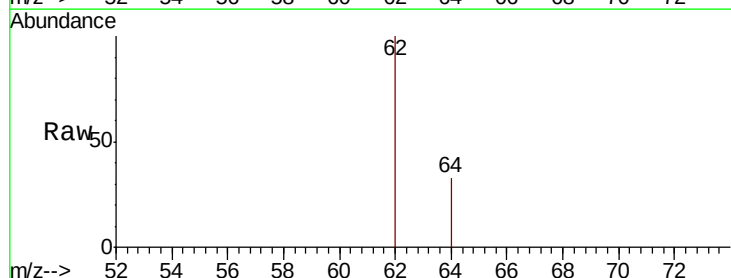
Acq: 10 Jul 2019 11:37

Tgt Ion: 62 Resp: 23815

Ion Ratio Lower Upper

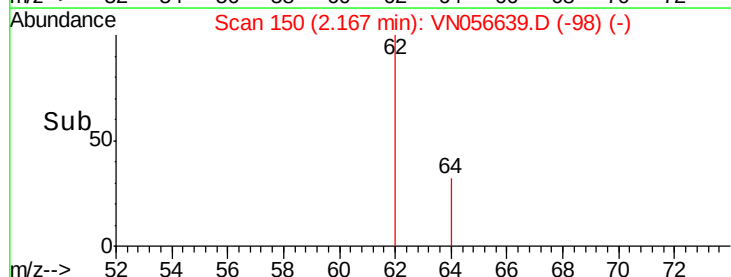
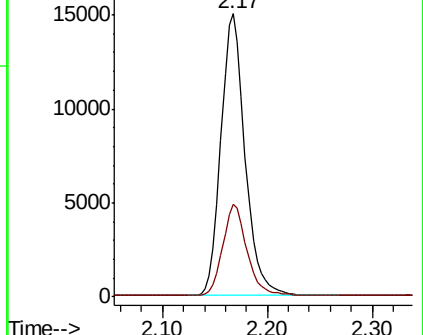
62 100

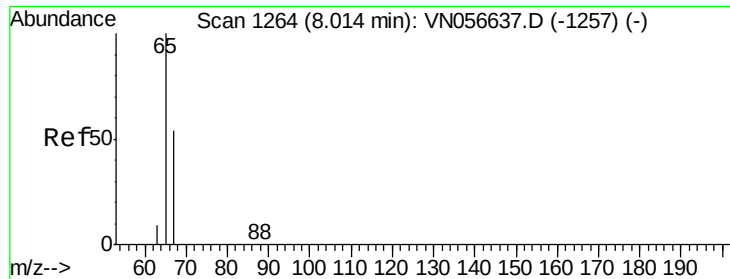
64 32.6 26.0 39.0



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: 4.874 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056639.D

Acq: 10 Jul 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

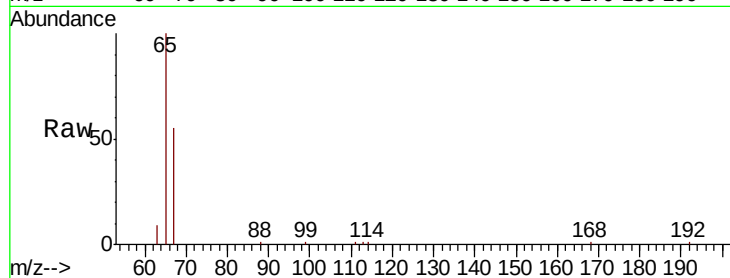
ICVVN071019

Tot Ion: 65 Resp: 29369

Ion Ratio Lower Upper

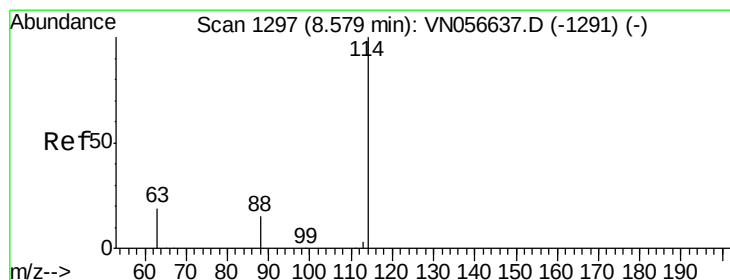
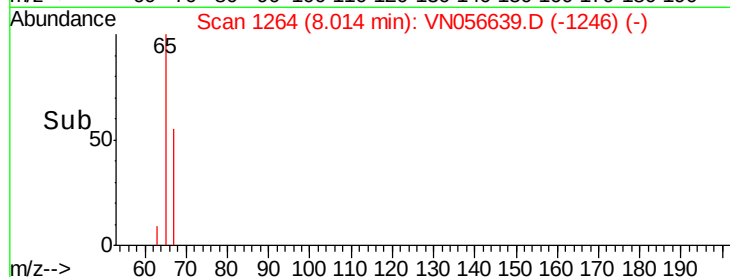
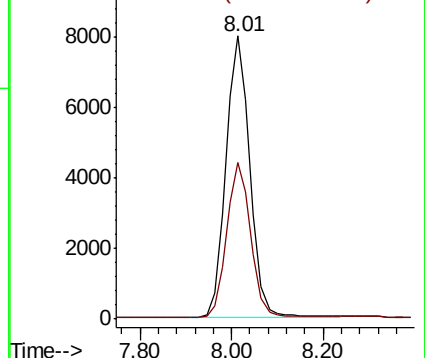
65 100

67 55.3 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: VN056639.D

Acq: 10 Jul 2019 11:37

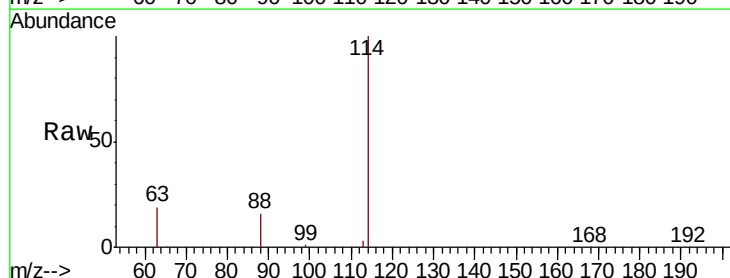
Tgt Ion: 114 Resp: 86412

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

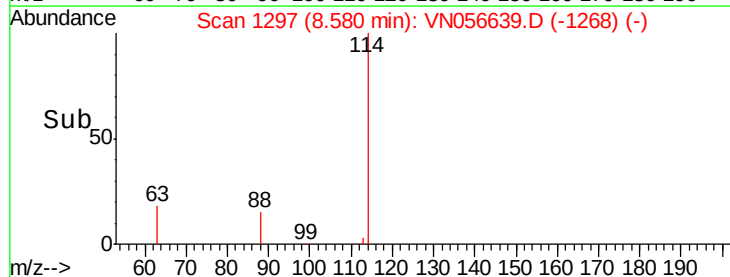
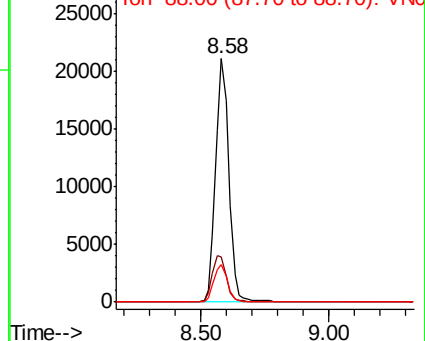
88 15.5 0.0 30.8

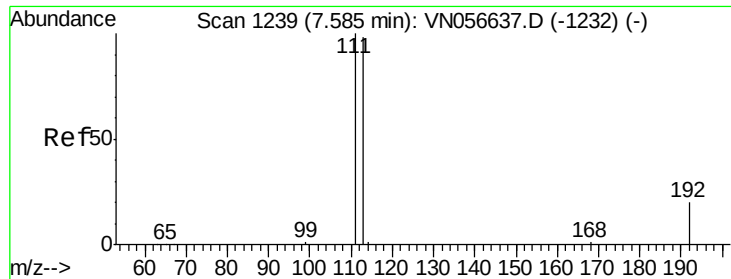


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#5

Dibromofluoromethane

Concen: 4.954 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056639.D

Acq: 10 Jul 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071019

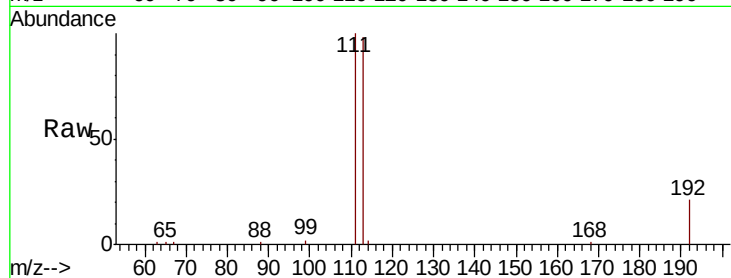
Tot Ion:113 Resp: 22605

Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

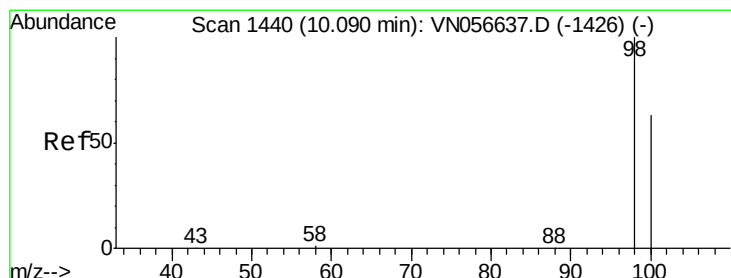
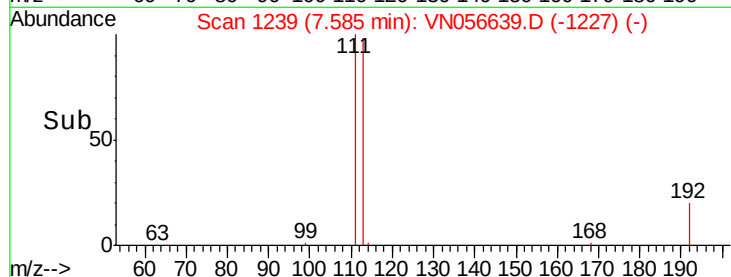
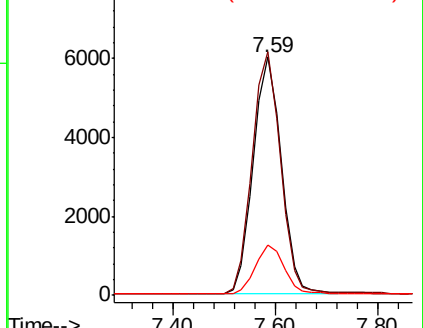
192 21.1 16.9 25.3



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: 5.012 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056639.D

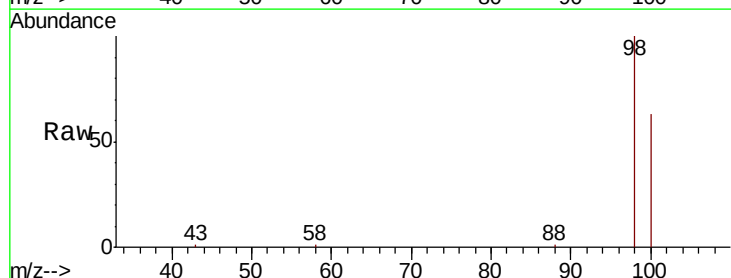
Acq: 10 Jul 2019 11:37

Tgt Ion: 98 Resp: 55295

Ion Ratio Lower Upper

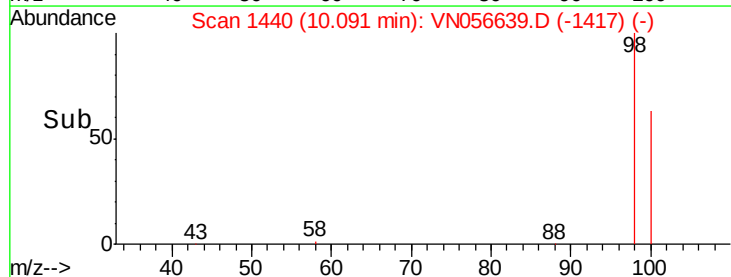
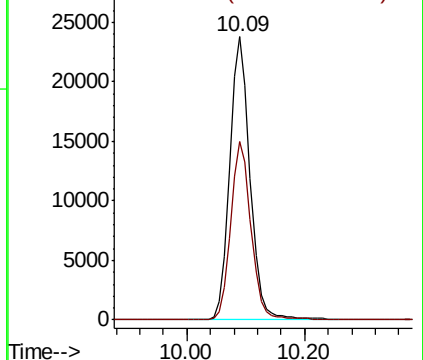
98 100

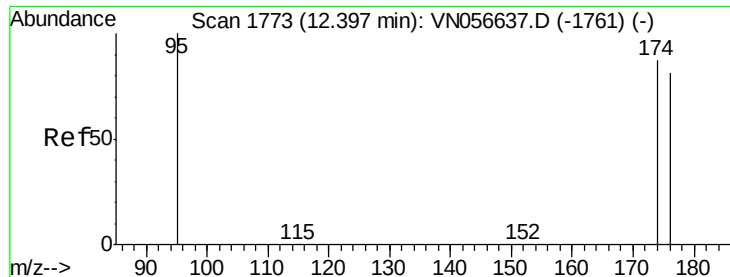
100 63.0 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.848 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056639.D

Acq: 10 Jul 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071019

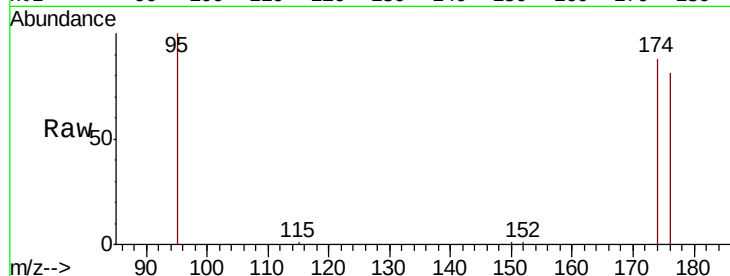
Tot Ion: 95 Resp: 19160

Ion Ratio Lower Upper

95 100

174 88.1 0.0 174.2

176 81.4 0.0 162.0

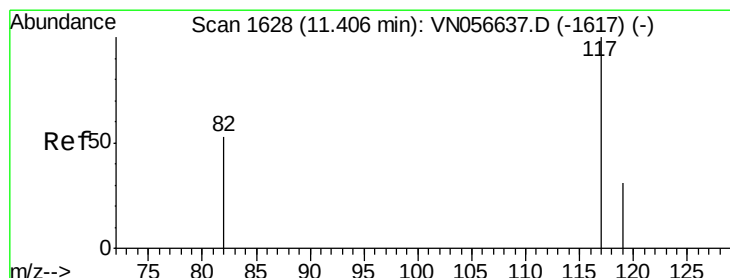
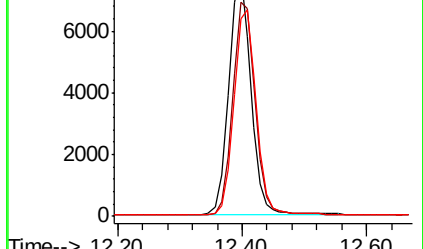
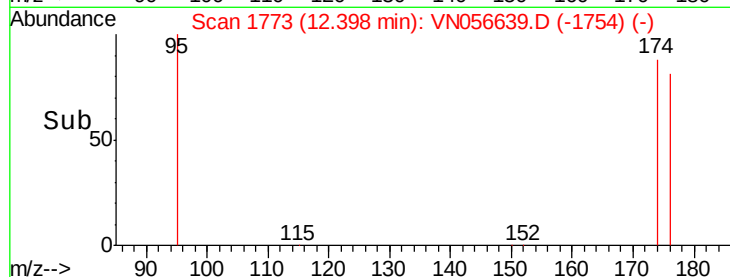


Abundance Ion 95.00 (94.70 to 95.70): VN056639.D (-1761) (-)

Ion 174.00 (173.70 to 174.70): VN056639.D (-1761) (-)

Ion 176.00 (175.70 to 176.70): VN056639.D (-1761) (-)

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: VN056639.D

Acq: 10 Jul 2019 11:37

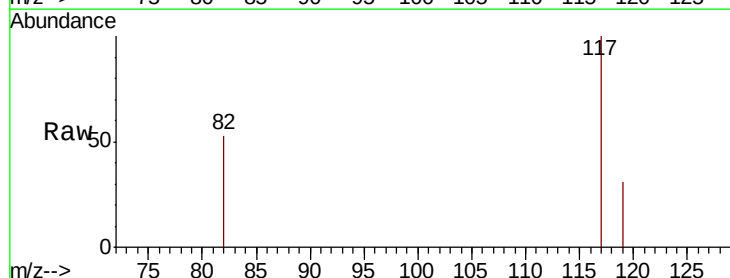
Tgt Ion: 117 Resp: 57913

Ion Ratio Lower Upper

117 100

82 52.9 42.6 63.8

119 31.4 25.0 37.6

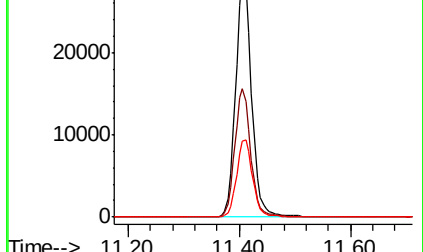
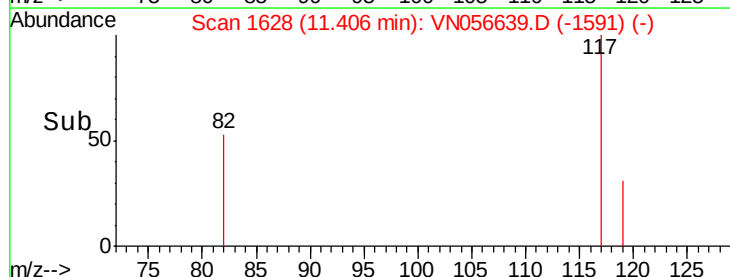


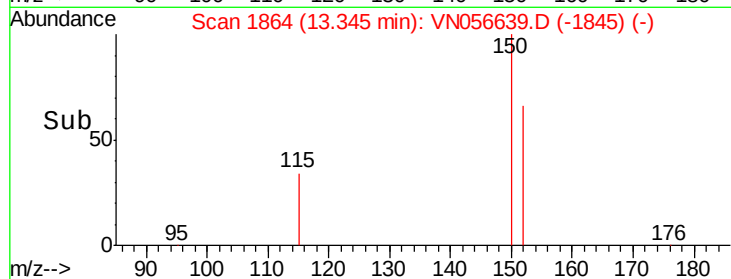
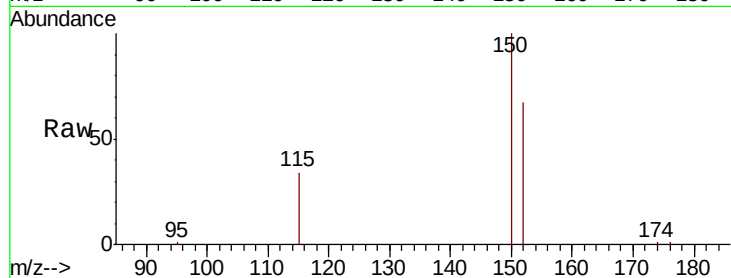
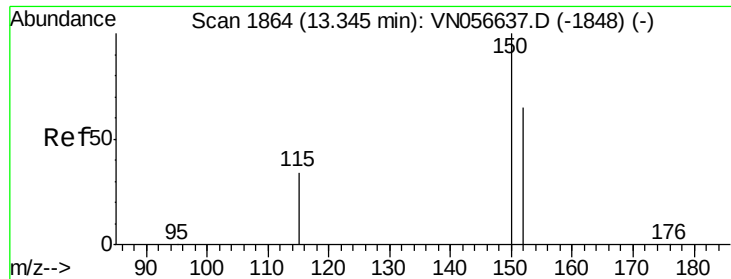
Abundance Ion 117.00 (116.70 to 117.70): VN056639.D (-1617) (-)

Ion 82.00 (81.70 to 82.70): VN056639.D (-1617) (-)

Ion 119.00 (118.70 to 119.70): VN056639.D (-1617) (-)

Time--> 11.20 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: VN056639.D

Acq: 10 Jul 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071019

Tot Ion:152 Resp: 14574

Ion Ratio Lower Upper

152 100

115 51.1 26.5 79.4

150 150.1 0.0 306.0

