

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056656.D
 Acq On : 10 Jul 2019 19:29
 Operator : JC/SP
 Sample : VN0710WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS03

Quant Time: Jul 11 05:02:26 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	7.66	168	45689	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.59	114	79560	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	52394	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	12557	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	27597	5.04	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	100.80%
5) Dibromofluoromethane	7.58	113	21227	5.05	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	101.00%
6) Toluene-d8	10.09	98	49318	4.86	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	97.20%
7) 4-Bromofluorobenzene	12.39	95	16723	4.60	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	92.00%

Target Compounds

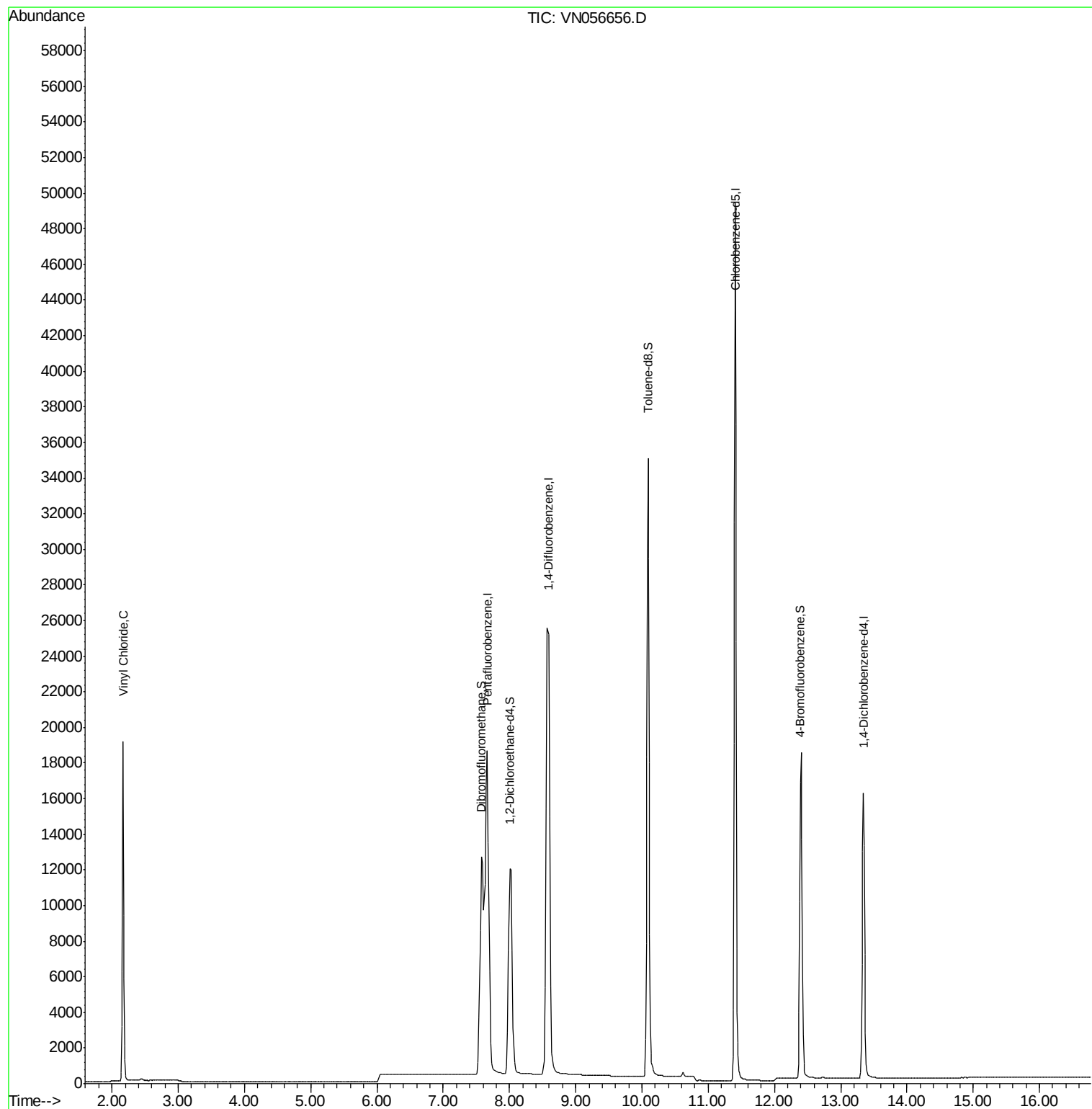
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	22554	5.247	ug/l	99

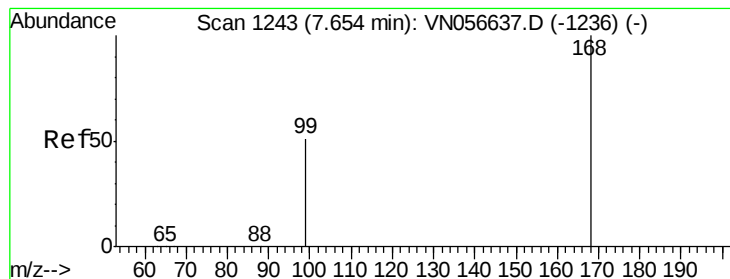
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071019\
Data File : VN056656.D
Acq On : 10 Jul 2019 19:29
Operator : JC/SP
Sample : VN0710WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS03

Quant Time: Jul 11 05:02:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071019SIM-VINYL.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 04:54:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.66 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VN056656.D

Acq: 10 Jul 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

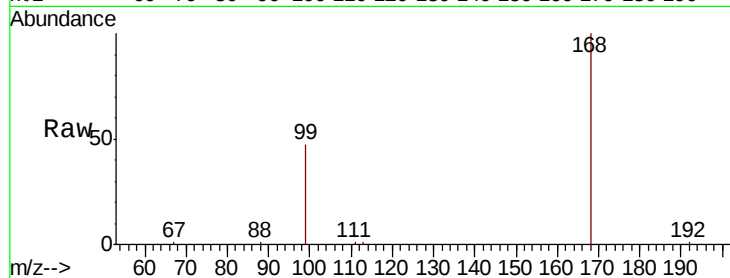
VN0710WBS03

Tot Ion:168 Resp: 45689

Ion Ratio Lower Upper

168 100

99 47.2 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): VN056637.D (-1236) (-)

Ion 99.00 (98.70 to 99.70): VN056637.D (-1236) (-)

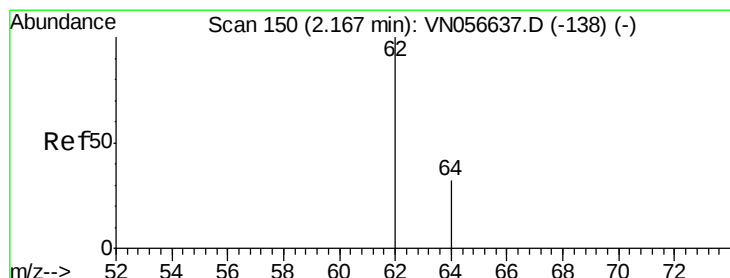
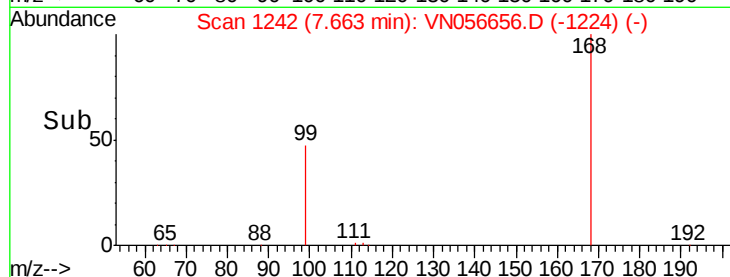
7.66

10000

5000

0

Time--> 7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 5.247 ug/l

RT: 2.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: VN056656.D

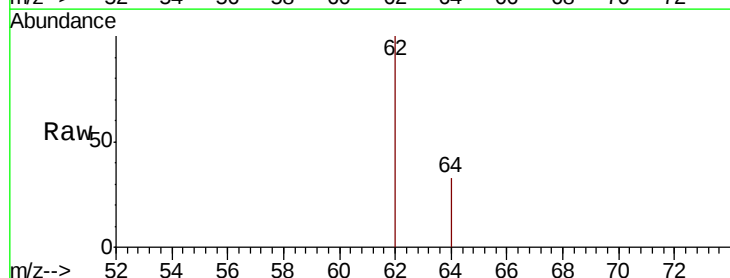
Acq: 10 Jul 2019 19:29

Tgt Ion: 62 Resp: 22554

Ion Ratio Lower Upper

62 100

64 32.9 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VN056637.D (-138) (-)

Ion 64.00 (63.70 to 64.70): VN056637.D (-138) (-)

2.17

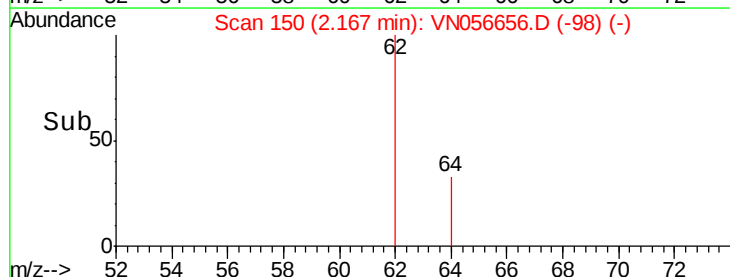
15000

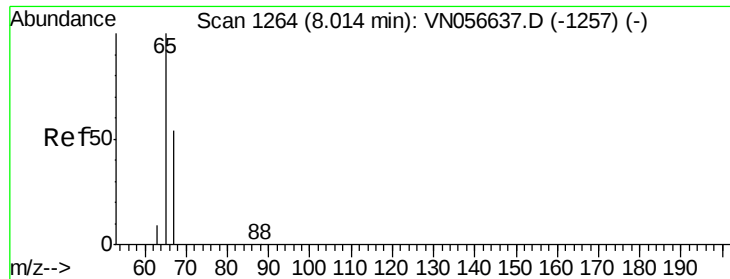
10000

5000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

1,2-Dichloroethane-d4

Concen: 5.036 ug/l

RT: 8.01 min Scan# 1262

Delta R.T. -0.01 min

Lab File: VN056656.D

Acq: 10 Jul 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

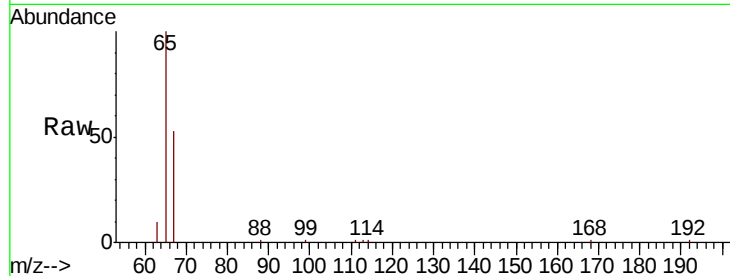
VN0710WBS03

Tot Ion: 65 Resp: 27597

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

8.01

8000

6000

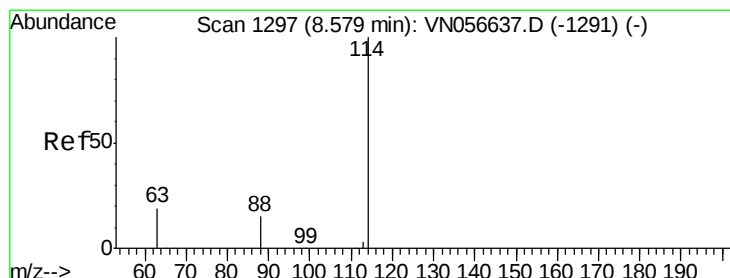
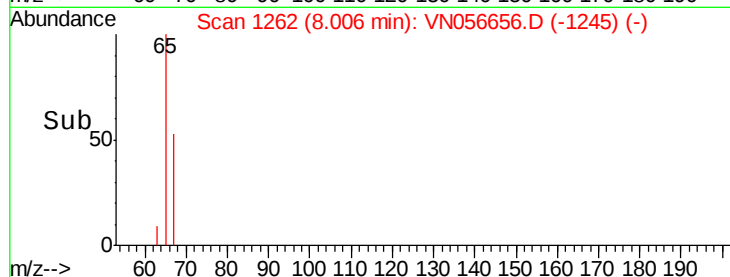
4000

2000

0

Time-->

7.80 8.00 8.20 8.40



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.59 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VN056656.D

Acq: 10 Jul 2019 19:29

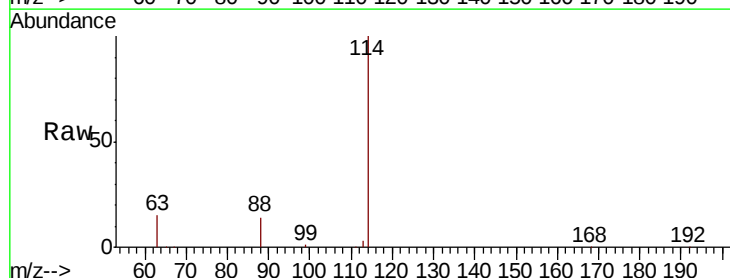
Tgt Ion: 114 Resp: 79560

Ion Ratio Lower Upper

114 100

63 15.5 0.0 37.6

88 13.8 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

25000

20000

15000

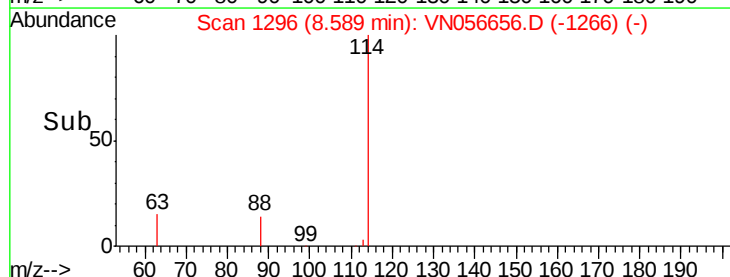
10000

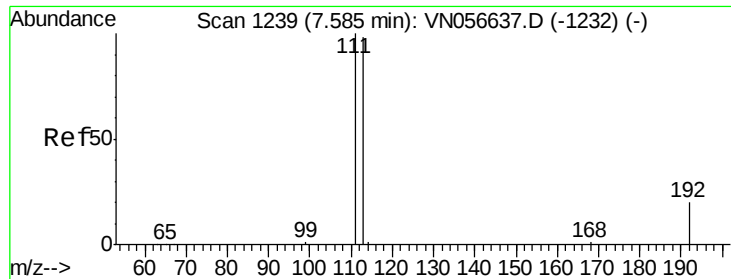
5000

0

Time-->

8.50 9.00





#5

Dibromofluoromethane

Concen: 5.053 ug/l

RT: 7.58 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VN056656.D

Acq: 10 Jul 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS03

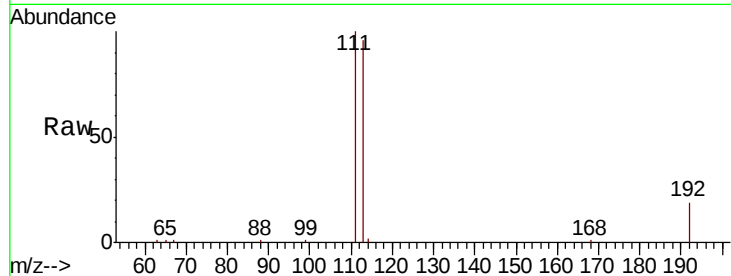
Tot Ion:113 Resp: 21227

Ion Ratio Lower Upper

113 100

111 104.0 81.3 121.9

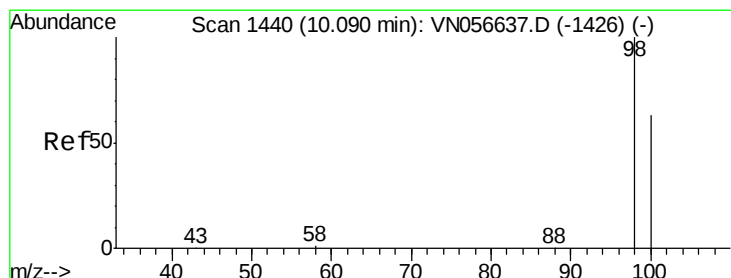
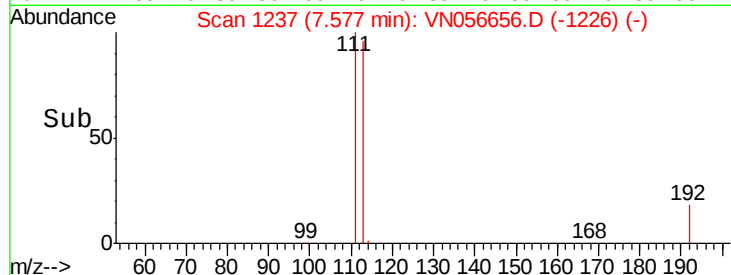
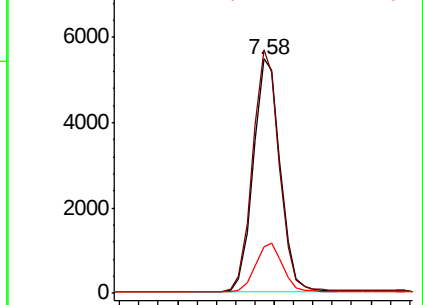
192 19.8 16.9 25.3



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: 4.855 ug/l

RT: 10.09 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VN056656.D

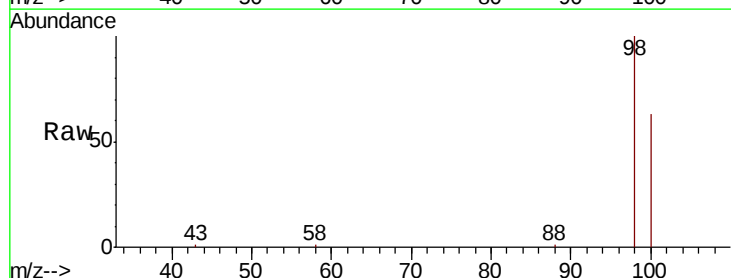
Acq: 10 Jul 2019 19:29

Tgt Ion: 98 Resp: 49318

Ion Ratio Lower Upper

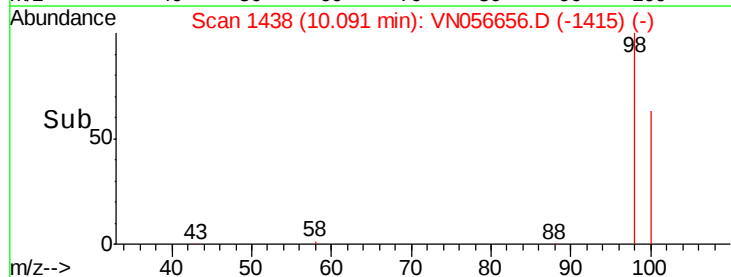
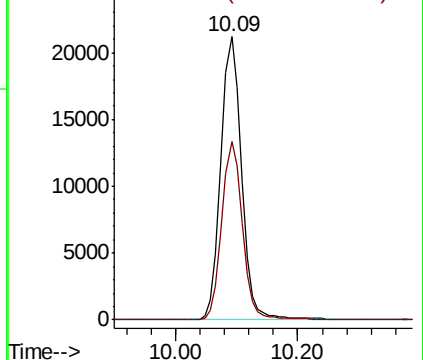
98 100

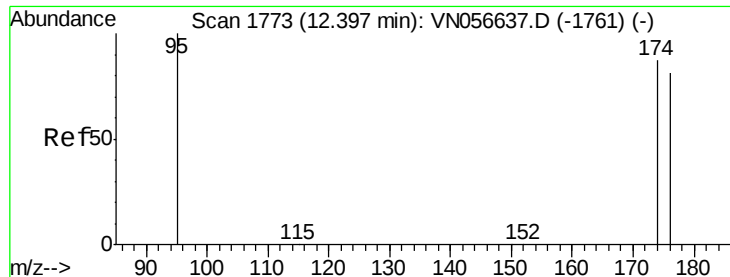
100 62.8 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.596 ug/l

RT: 12.39 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VN056656.D

Acq: 10 Jul 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS03

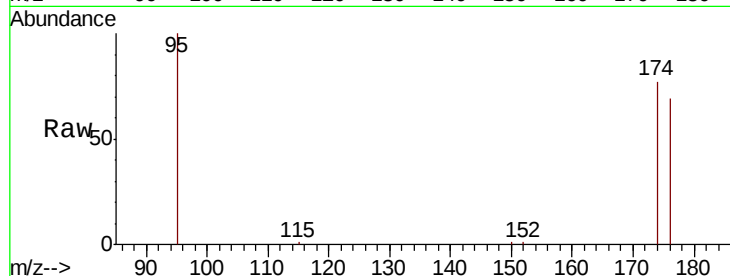
Tot Ion: 95 Resp: 16723

Ion Ratio Lower Upper

95 100

174 77.2 0.0 174.2

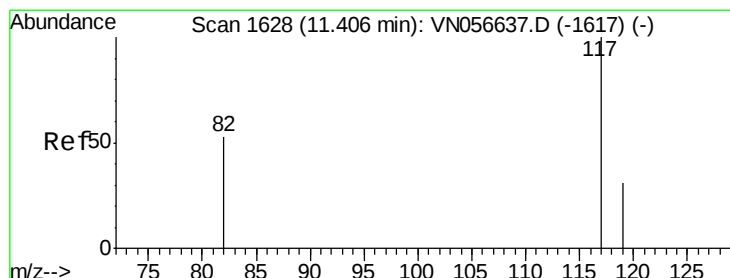
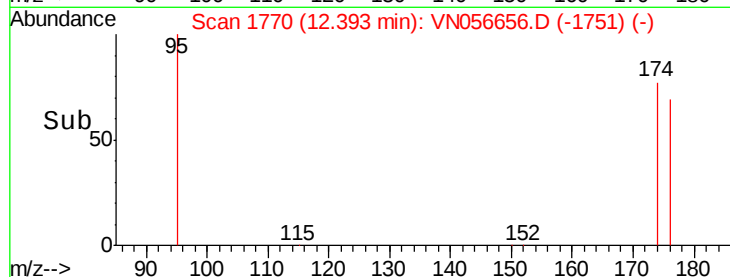
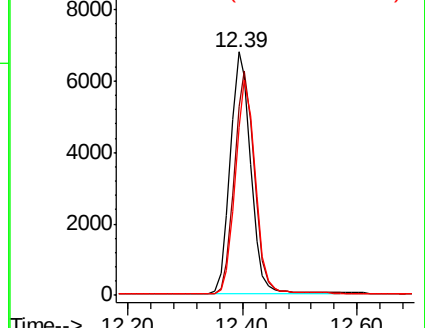
176 69.1 0.0 162.0



Abundance Ion 95.00 (94.70 to 95.70): VN056637.D (-1761) (-)

Ion 174.00 (173.70 to 174.70): VN056637.D (-1761) (-)

Ion 176.00 (175.70 to 176.70): VN056637.D (-1761) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VN056656.D

Acq: 10 Jul 2019 19:29

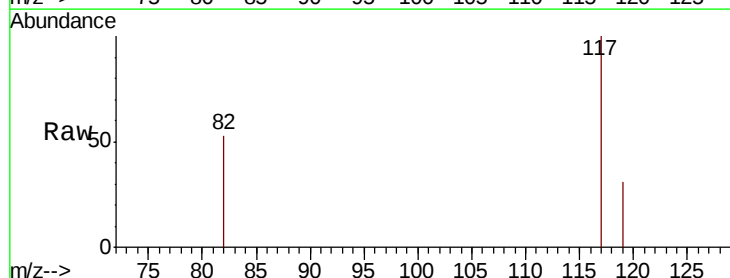
Tgt Ion: 117 Resp: 52394

Ion Ratio Lower Upper

117 100

82 53.3 42.6 63.8

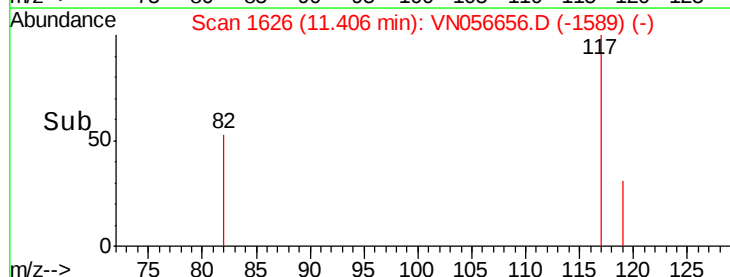
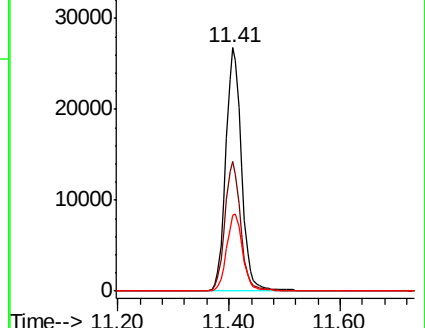
119 31.2 25.0 37.6

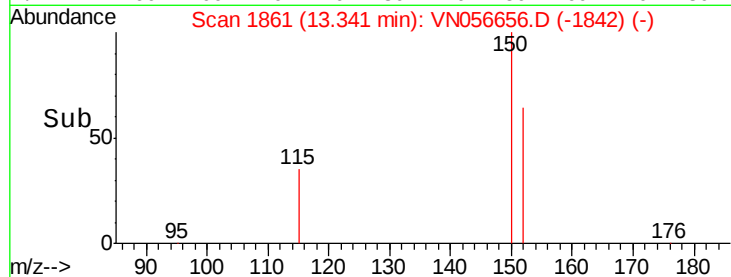
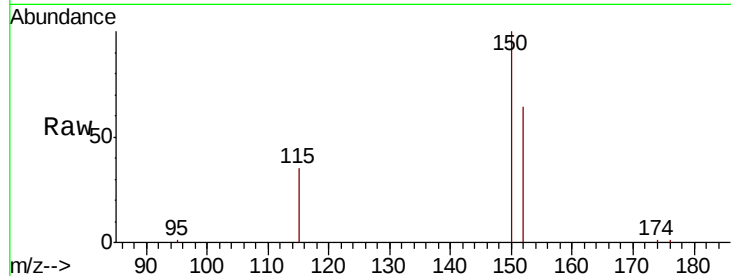
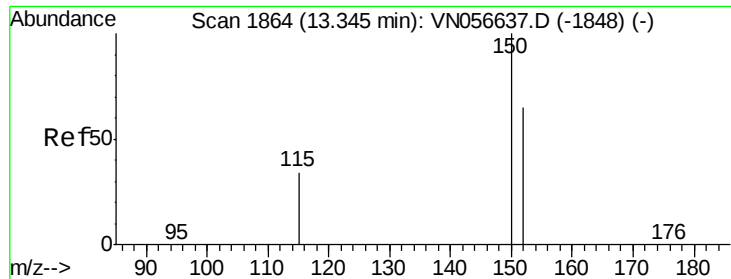


Abundance Ion 117.00 (116.70 to 117.70): VN056637.D (-1617) (-)

Ion 82.00 (81.70 to 82.70): VN056637.D (-1617) (-)

Ion 119.00 (118.70 to 119.70): VN056637.D (-1617) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN056656.D

Acq: 10 Jul 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS03

Tot Ion:152 Resp: 12557

Ion Ratio Lower Upper

152 100

115 54.9 26.5 79.4

150 156.0 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

