

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073019\
 Data File : VN056967.D
 Acq On : 30 Jul 2019 11:42
 Operator : JC/SP
 Sample : K4018-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 04:14:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072919SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 01:50:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	48911	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.58	114	72061	5.00	ug/l	0.01
8) Chlorobenzene-d5	11.40	117	37949	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	5305	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	24273	4.00	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	80.00%#
5) Dibromofluoromethane	7.57	113	20350	4.16	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	83.20%
6) Toluene-d8	10.08	98	39071	3.91	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	78.20%#
7) 4-Bromofluorobenzene	12.39	95	7996	3.43	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	68.60%#

Target Compounds

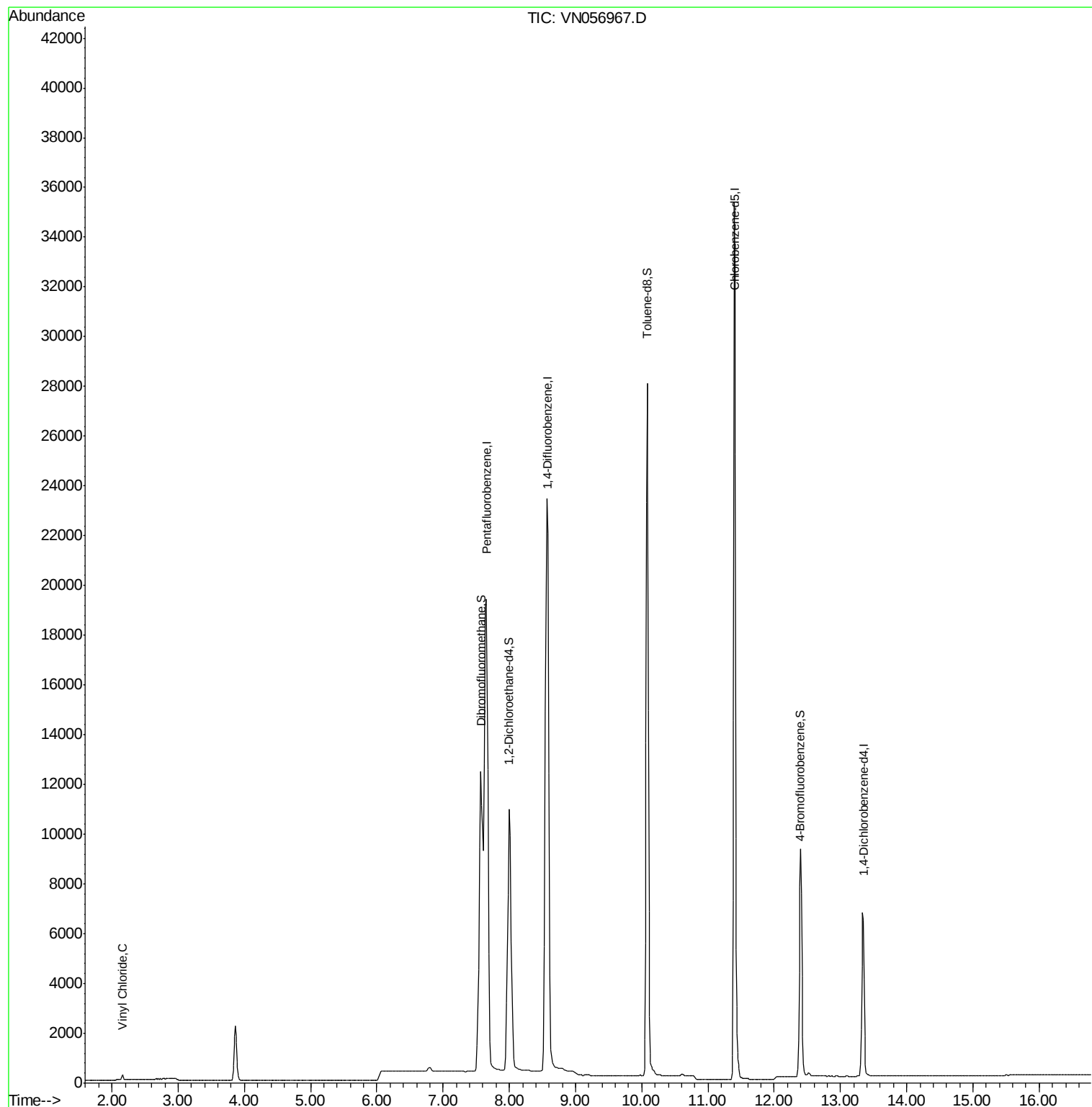
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	235	0.052	ug/l #	50

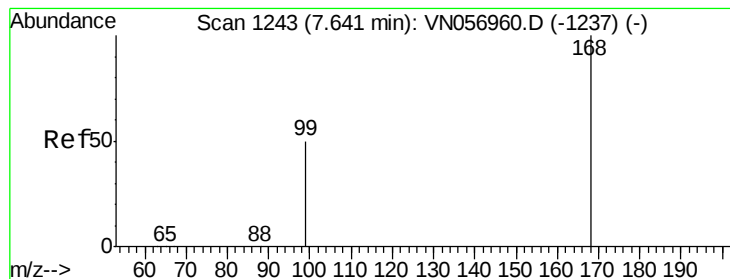
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VN056967.D

Acq: 30 Jul 2019 11:42

Instrument :

MSVOA_N

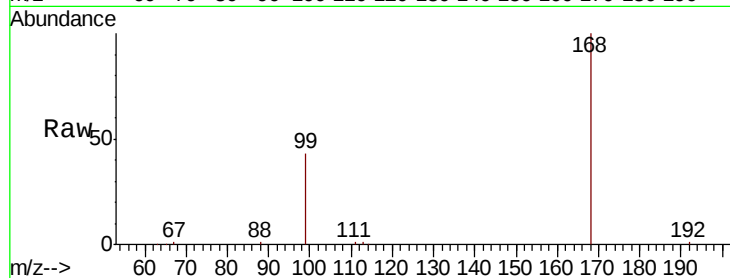
ClientSampleId :

Tot Ion:168 Resp: 48911

Ion Ratio Lower Upper

168 100

99 43.3 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): VN056967.D (-1225) (-)

Ion 99.00 (98.70 to 99.70): VN056967.D (-1225) (-)

7.65

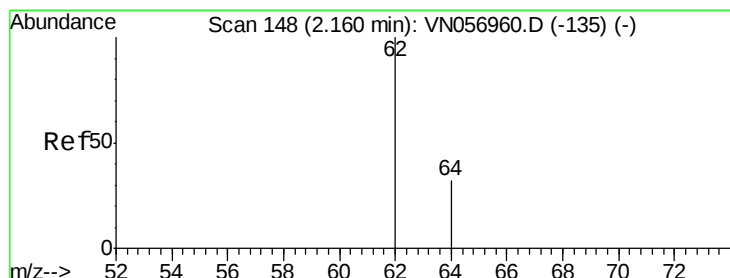
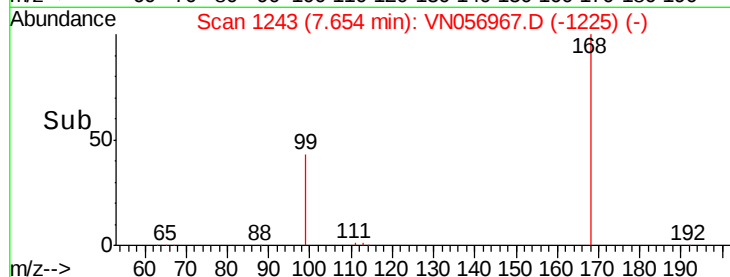
15000

10000

5000

0

Time--> 7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 0.052 ug/l

RT: 2.16 min Scan# 148

Delta R.T. -0.00 min

Lab File: VN056967.D

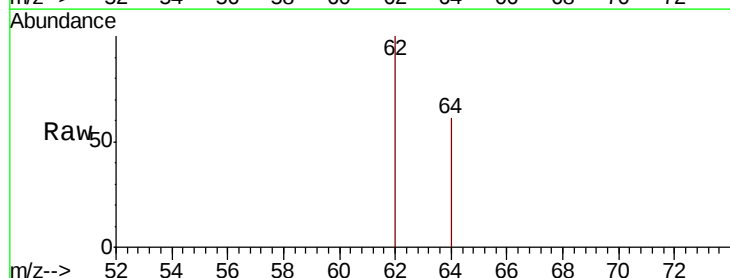
Acq: 30 Jul 2019 11:42

Tgt Ion: 62 Resp: 235

Ion Ratio Lower Upper

62 100

64 61.3 26.4 39.6#



Abundance Ion 62.00 (61.70 to 62.70): VN056967.D (-96) (-)

Ion 64.00 (63.70 to 64.70): VN056967.D (-96) (-)

2.16

250

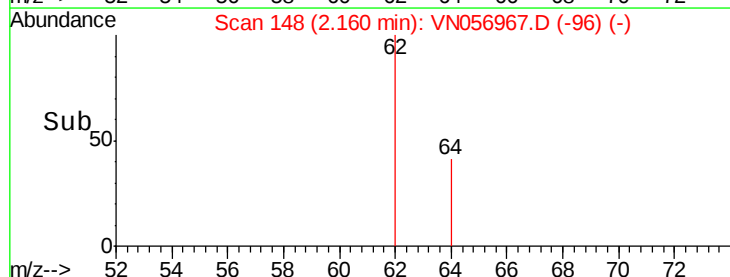
200

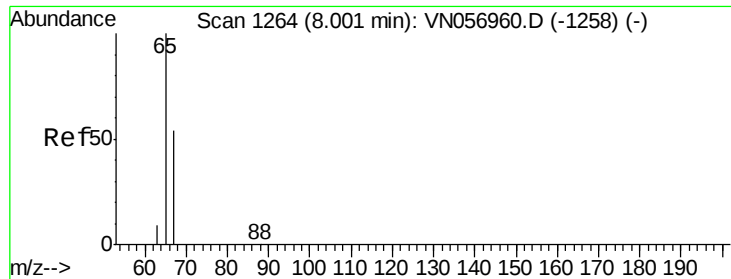
150

100

50

Time--> 2.10 2.15 2.20 2.25





#3

1,2-Dichloroethane-d4

Concen: 4.004 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056967.D

Acq: 30 Jul 2019 11:42

Instrument :

MSVOA_N

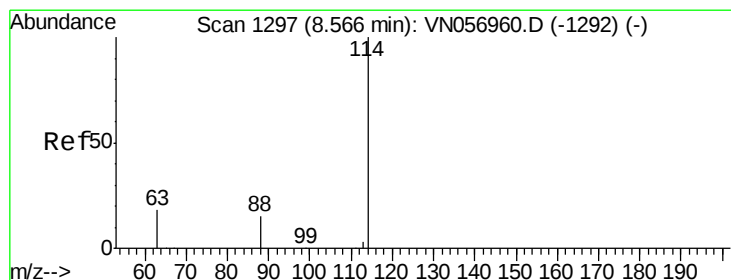
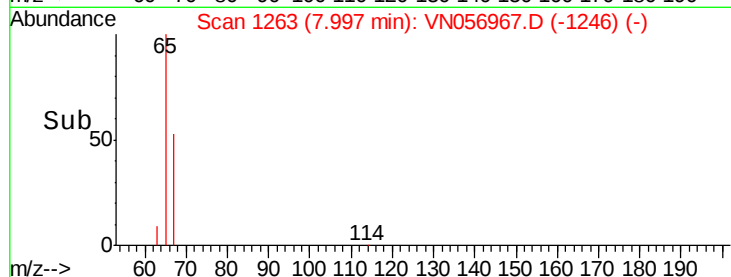
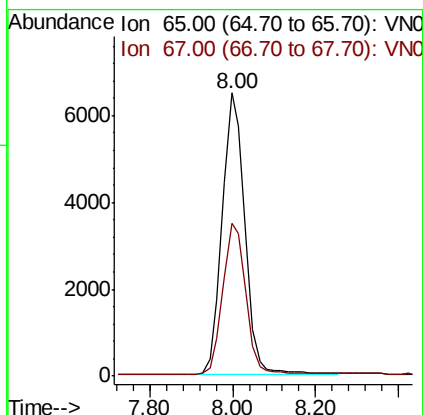
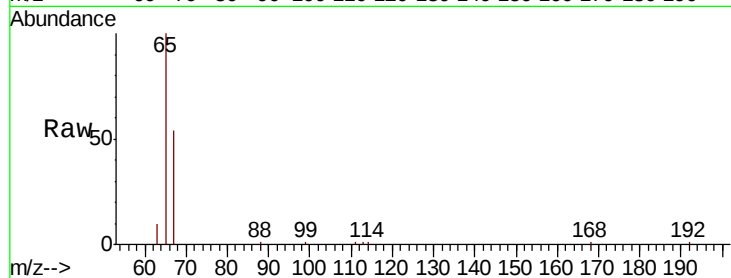
ClientSampleId :

Tot Ion: 65 Resp: 24273

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.6



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VN056967.D

Acq: 30 Jul 2019 11:42

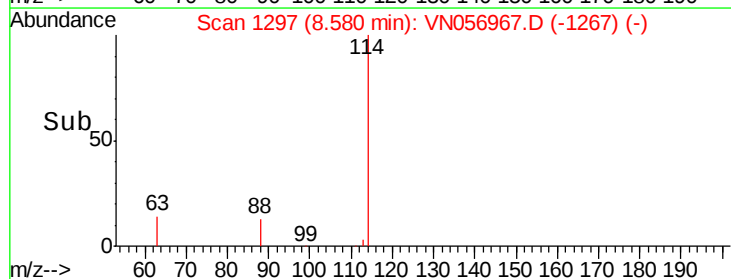
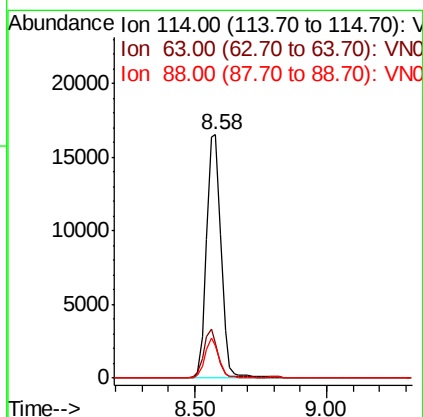
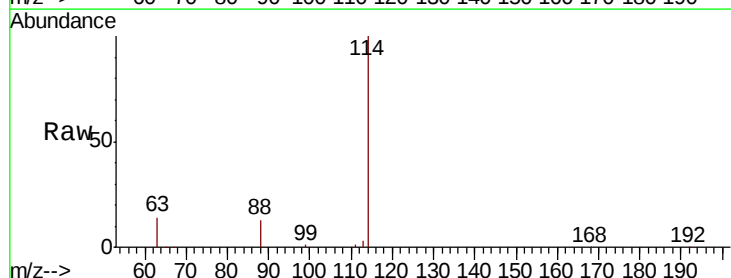
Tgt Ion: 114 Resp: 72061

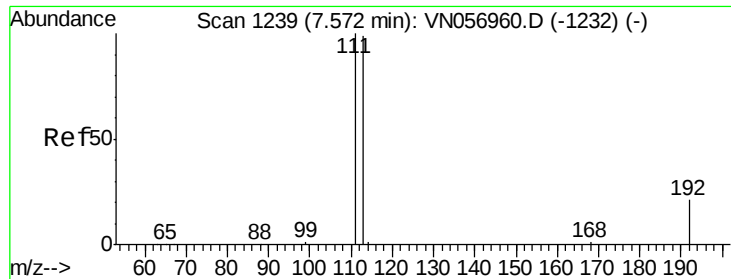
Ion Ratio Lower Upper

114 100

63 14.3 0.0 37.6

88 13.4 0.0 31.0





#5

Dibromofluoromethane

Concen: 4.157 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN056967.D

Acq: 30 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :

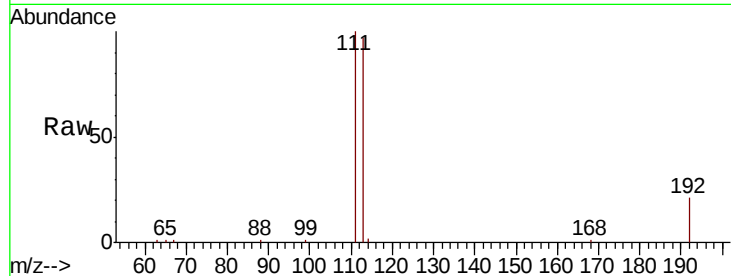
Tot Ion: 113 Resp: 20350

Ion Ratio Lower Upper

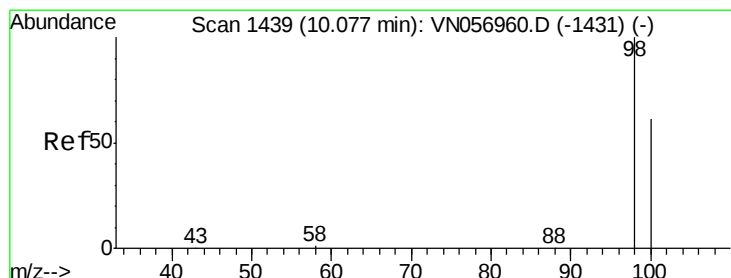
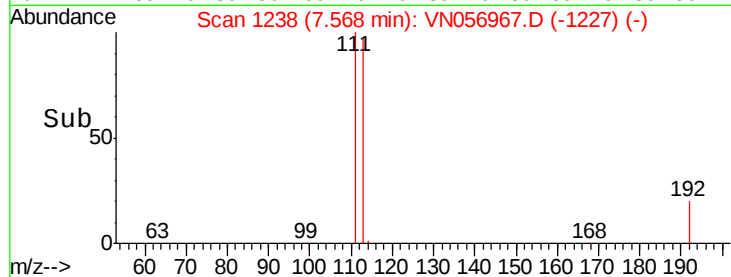
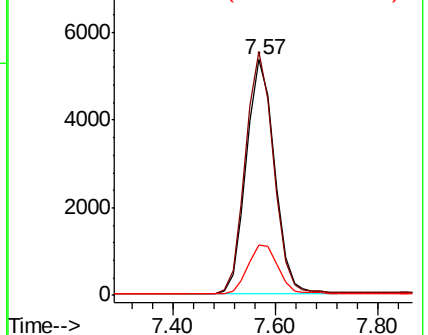
113 100

111 103.2 81.1 121.7

192 21.4 17.9 26.9



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: 3.911 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056967.D

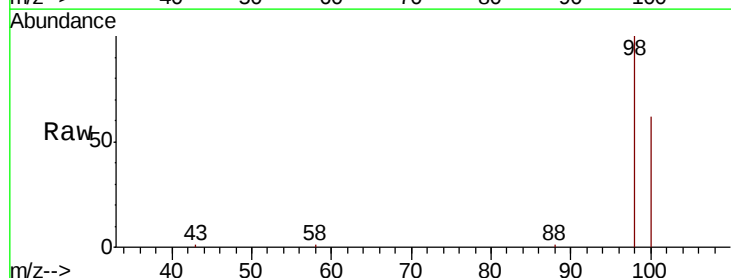
Acq: 30 Jul 2019 11:42

Tgt Ion: 98 Resp: 39071

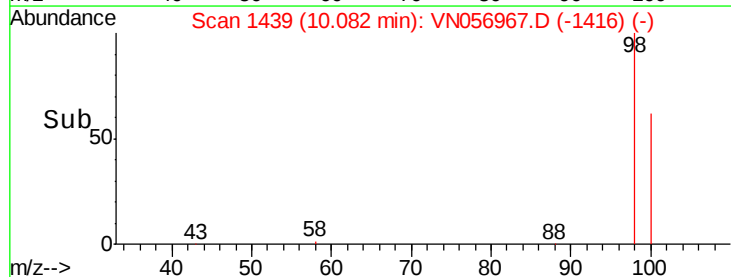
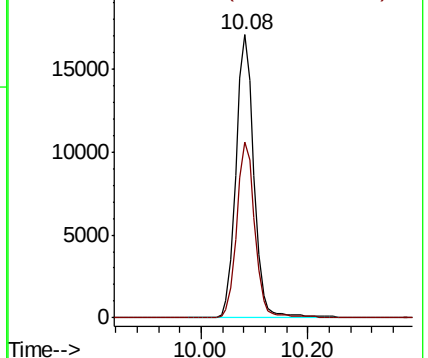
Ion Ratio Lower Upper

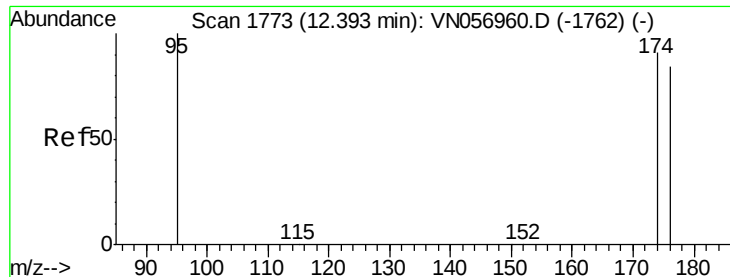
98 100

100 62.3 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 3.429 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056967.D

Acq: 30 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

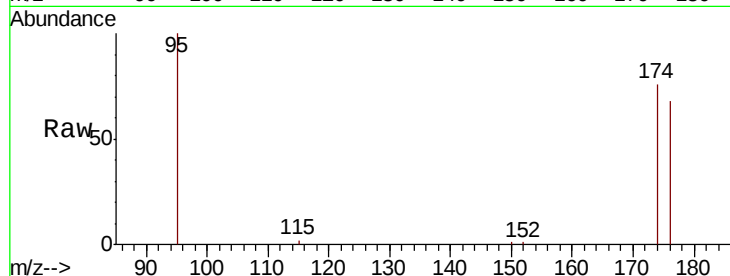
Tot Ion: 95 Resp: 7996

Ion Ratio Lower Upper

95 100

174 75.9 0.0 181.4

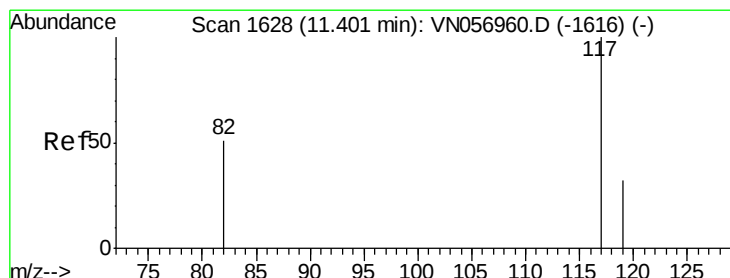
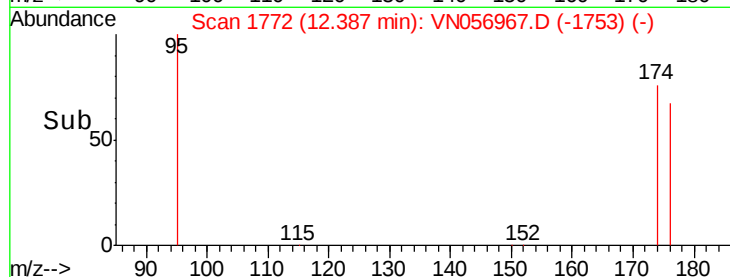
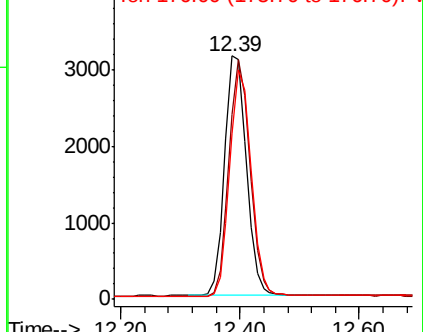
176 67.9 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN056967.D (-1762) (-)

Ion 174.00 (173.70 to 174.70): VN056967.D (-1762) (-)

Ion 176.00 (175.70 to 176.70): VN056967.D (-1762) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN056967.D

Acq: 30 Jul 2019 11:42

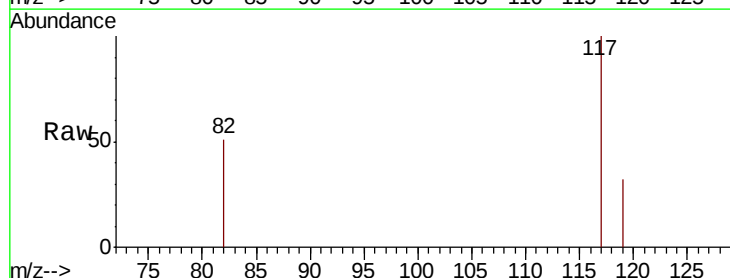
Tgt Ion: 117 Resp: 37949

Ion Ratio Lower Upper

117 100

82 51.4 40.7 61.1

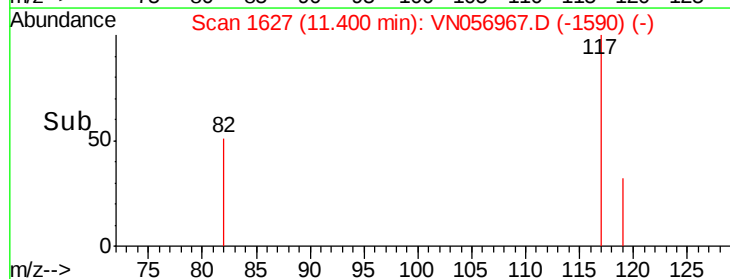
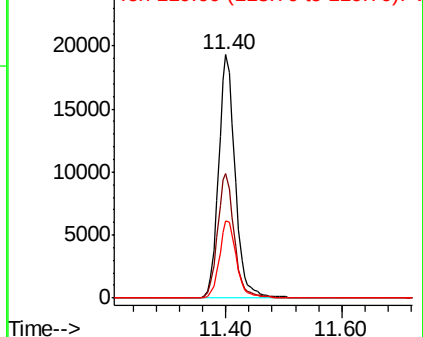
119 31.8 25.6 38.4

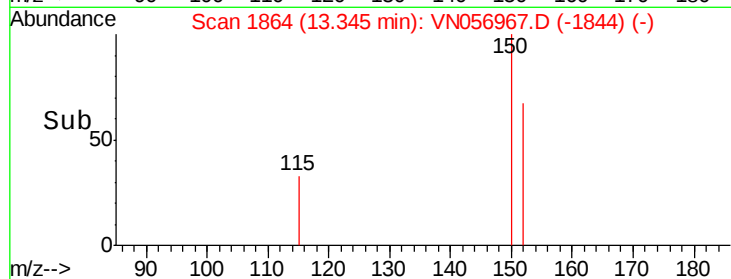
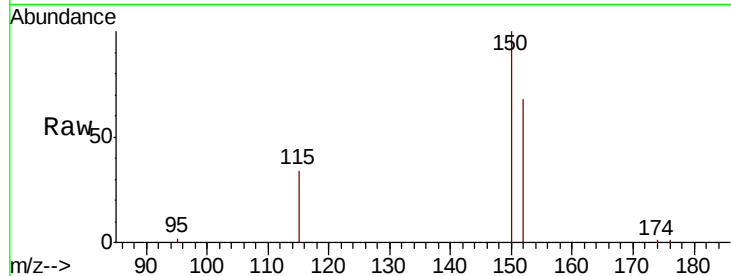
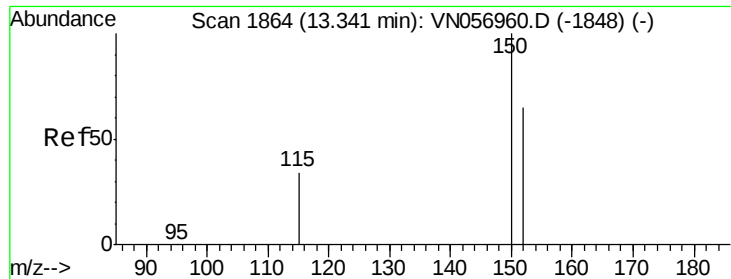


Abundance Ion 117.00 (116.70 to 117.70): VN056967.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VN056967.D (-1590) (-)

Ion 119.00 (118.70 to 119.70): VN056967.D (-1590) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056967.D

Acq: 30 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:152 Resp: 5305

Ion Ratio Lower Upper

152 100

115 49.7 27.0 80.8

150 147.3 0.0 306.8

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

