

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058626.D
 Acq On : 8 Oct 2019 20:57
 Operator : JC/SP
 Sample : VSSTDCCC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDCCC005EC

Quant Time: Oct 09 04:18:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:07:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	1695408	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.57	114	2554115	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2298778	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	879410	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	1061948	5.24	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	104.80%
5) Dibromofluoromethane	7.56	113	821799	5.11	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	102.20%
6) Toluene-d8	10.08	98	1821149	5.01	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	100.20%
7) 4-Bromofluorobenzene	12.40	95	853684	4.79	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	95.80%

Target Compounds

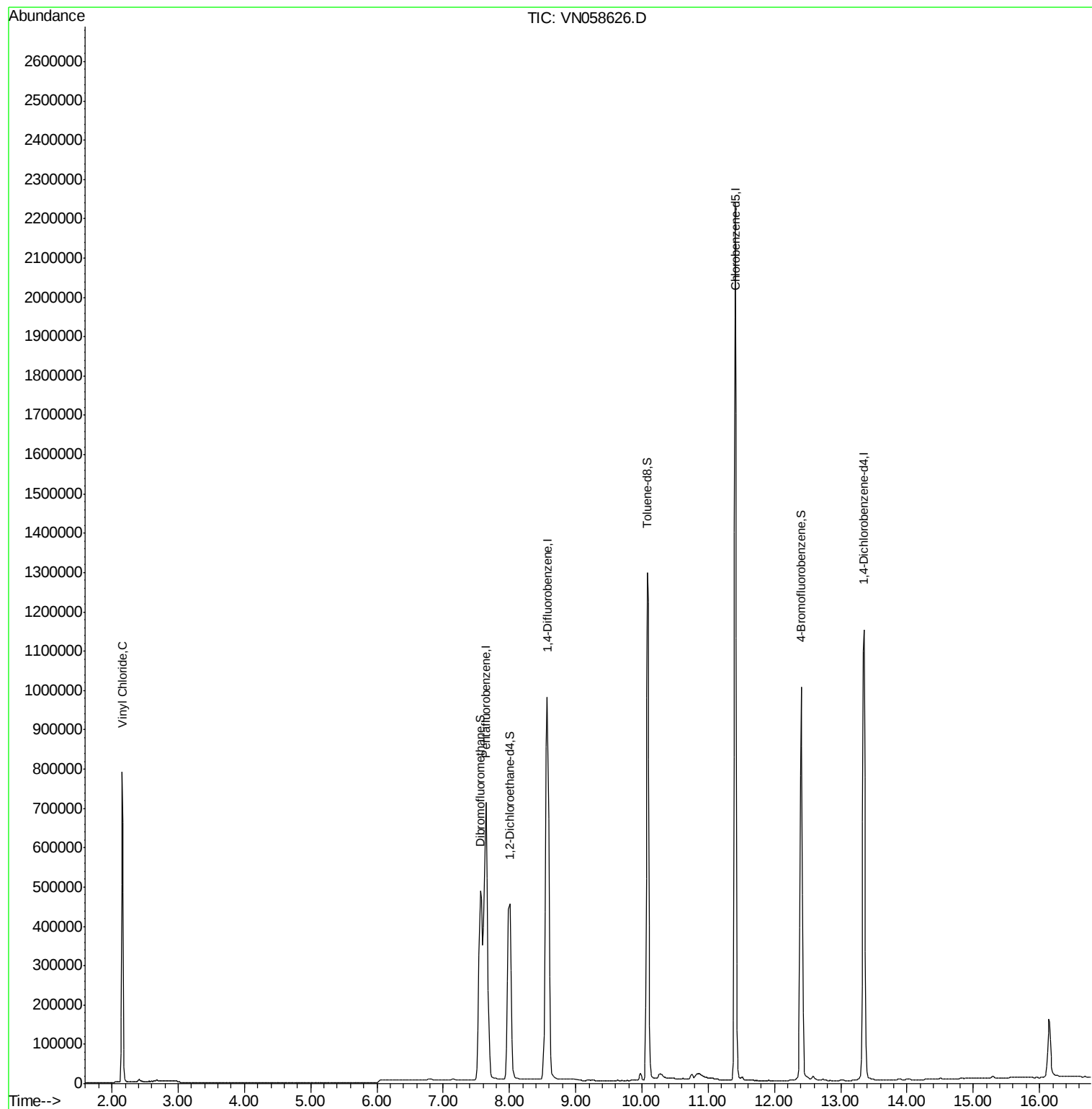
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	897377	5.208	ug/l	99

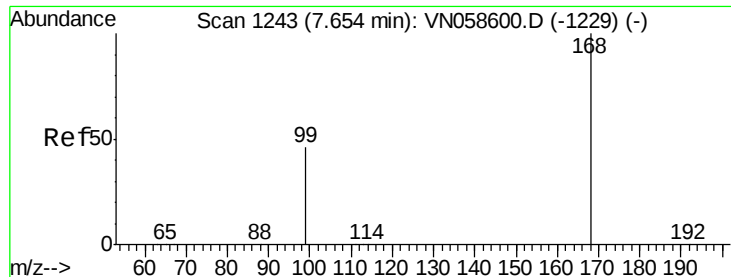
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 09 04:18:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VN058626.D

Acq: 8 Oct 2019 20:57

Instrument :

MSVOA_N

ClientSampleId :

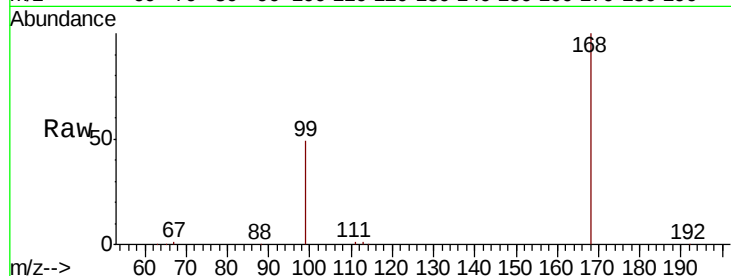
VSSTDCCC005EC

Tot Ion:168 Resp: 1695408

Ion Ratio Lower Upper

168 100

99 49.2 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN058626.D (-1224) (-)

Ion 99.00 (98.70 to 99.70): VN058626.D (-1224) (-)

7.65

500000

400000

300000

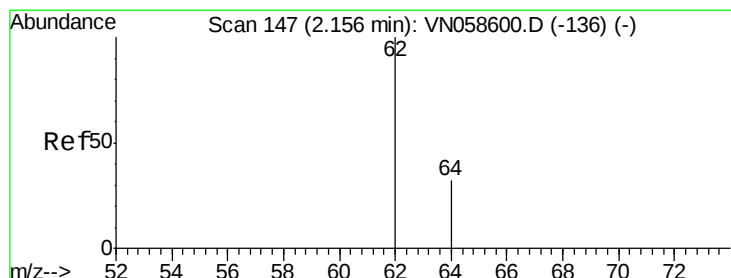
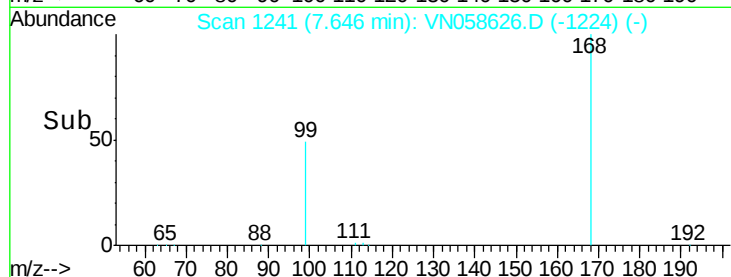
200000

100000

0

Time-->

7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 5.208 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058626.D

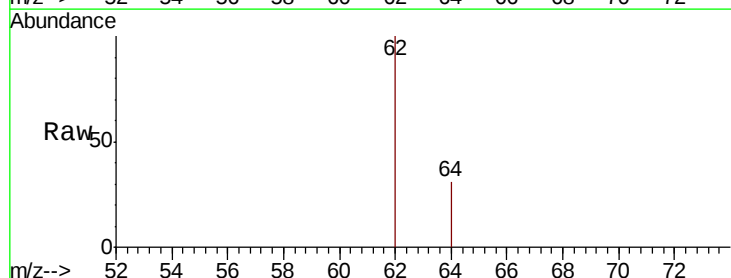
Acq: 8 Oct 2019 20:57

Tgt Ion: 62 Resp: 897377

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN058626.D (-95) (-)

Ion 64.00 (63.70 to 64.70): VN058626.D (-95) (-)

2.16

600000

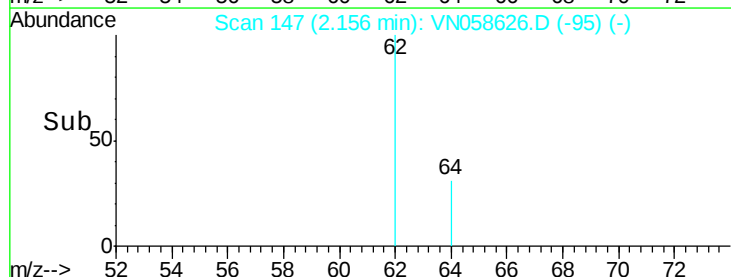
400000

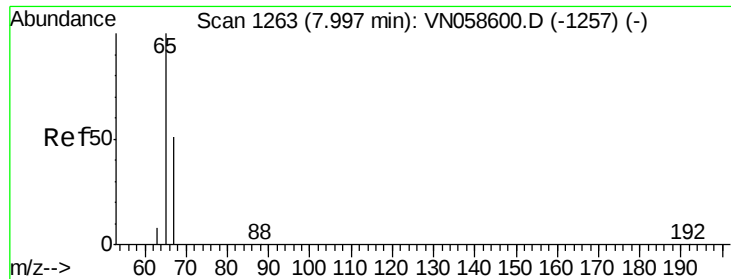
200000

0

Time-->

2.10 2.20 2.30





#3

1,2-Dichloroethane-d4

Concen: 5.243 ug/l

RT: 8.01 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VN058626.D

Acq: 8 Oct 2019 20:57

Instrument :

MSVOA_N

ClientSampleId :

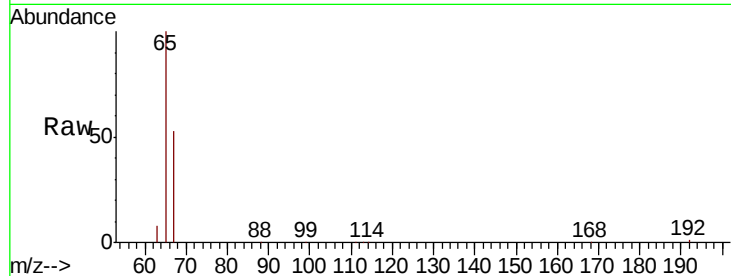
VSTDCCC005EC

Tot Ion: 65 Resp: 1061948

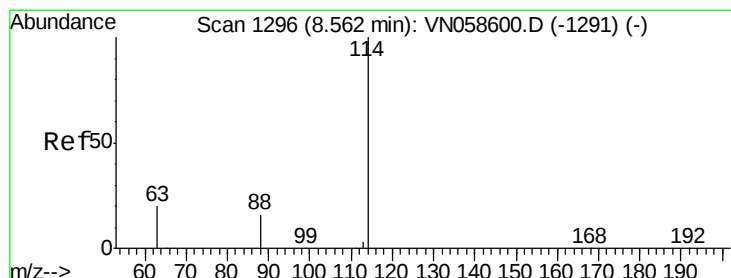
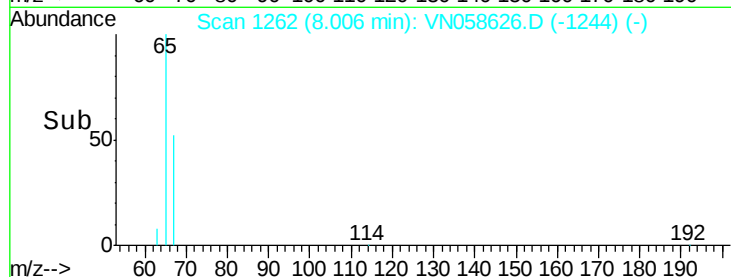
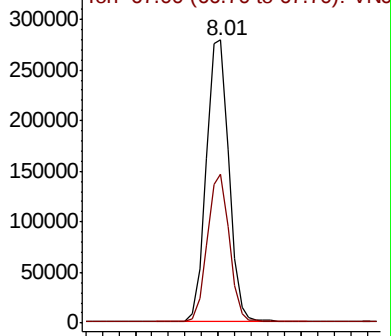
Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058626.D (-1244) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.57 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VN058626.D

Acq: 8 Oct 2019 20:57

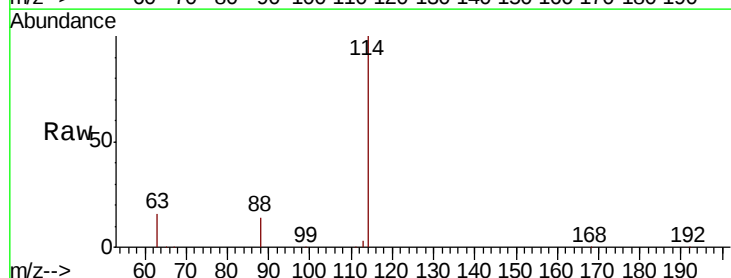
Tgt Ion: 114 Resp: 2554115

Ion Ratio Lower Upper

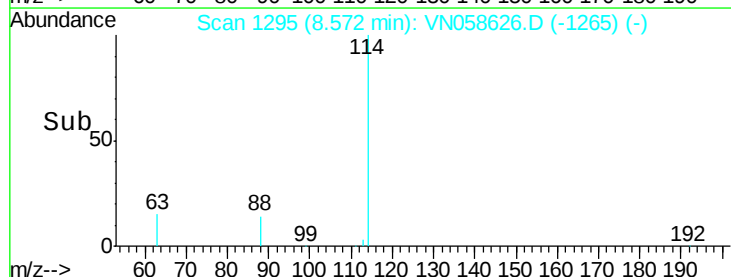
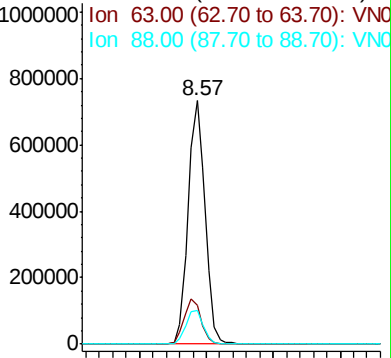
114 100

63 15.8 0.0 40.6

88 13.7 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058626.D (-1265) (-)





#5

Dibromofluoromethane

Concen: 5.107 ug/l

RT: 7.56 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VN058626.D

Acq: 8 Oct 2019 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSSTDCCC005EC

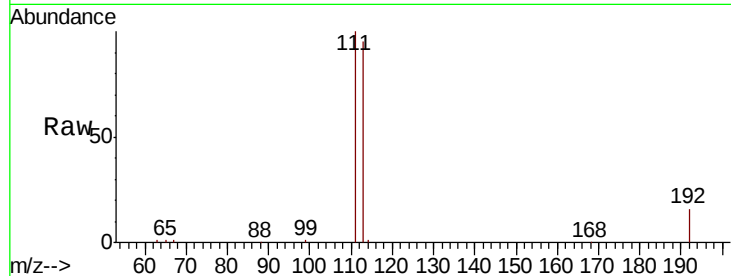
Tot Ion: 113 Resp: 821799

Ion Ratio Lower Upper

113 100

111 105.1 82.5 123.7

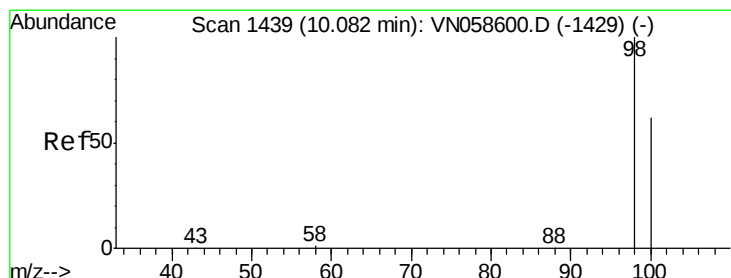
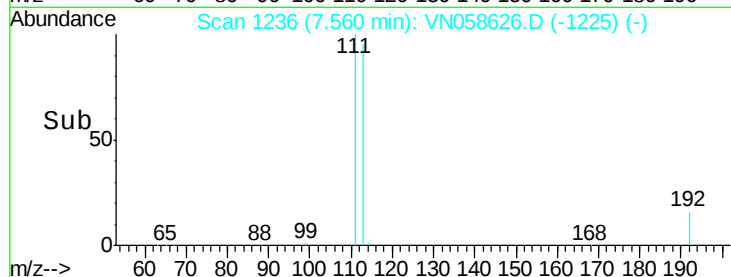
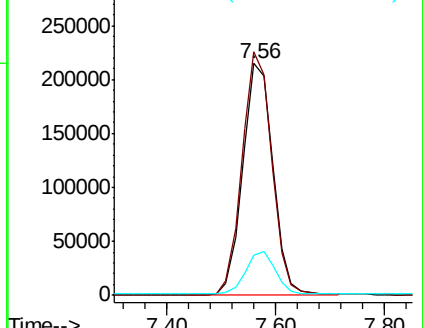
192 17.2 14.9 22.3



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: 5.009 ug/l

RT: 10.08 min Scan# 1437

Delta R.T. 0.00 min

Lab File: VN058626.D

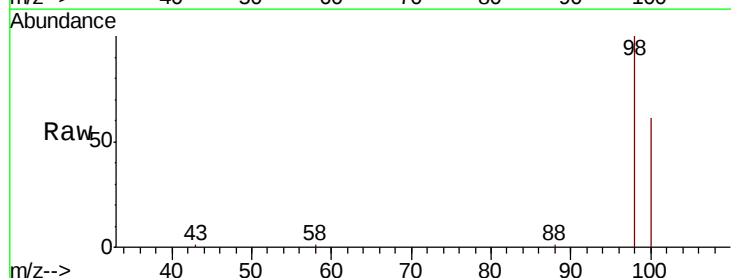
Acq: 8 Oct 2019 20:57

Tgt Ion: 98 Resp: 1821149

Ion Ratio Lower Upper

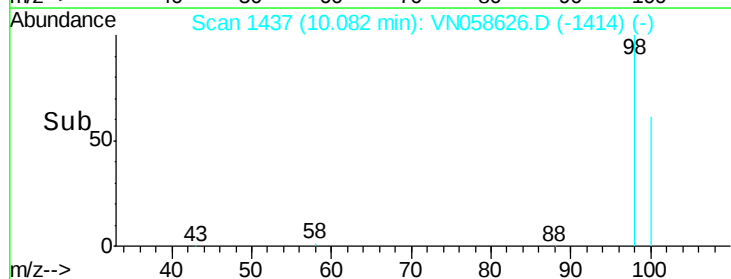
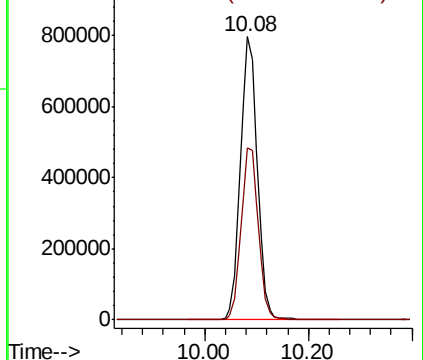
98 100

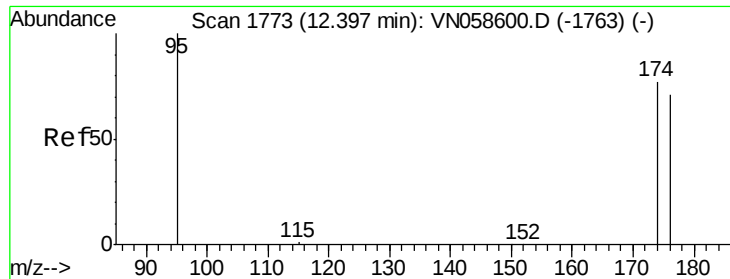
100 60.9 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.793 ug/l

RT: 12.40 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VN058626.D

Acq: 8 Oct 2019 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSSTDCCC005EC

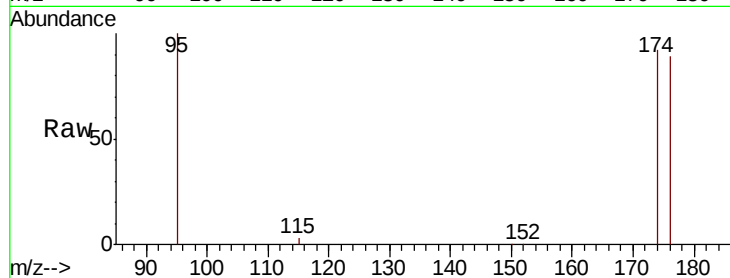
Tot Ion: 95 Resp: 853684

Ion Ratio Lower Upper

95 100

174 91.6 0.0 153.4

176 88.9 0.0 142.2

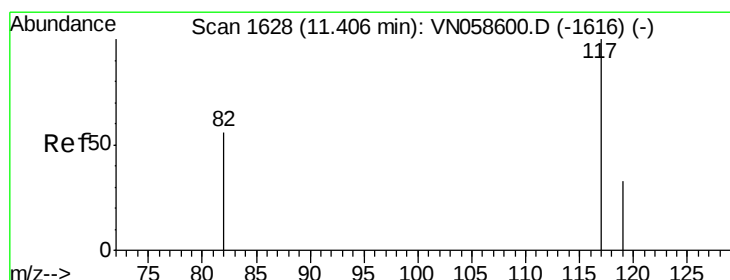
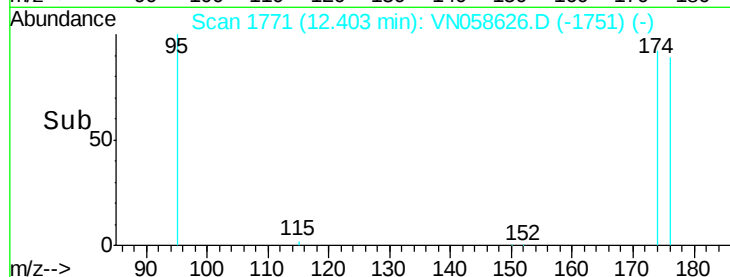


Abundance Ion 95.00 (94.70 to 95.70): VN058626.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058626.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058626.D (-1763) (-)

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VN058626.D

Acq: 8 Oct 2019 20:57

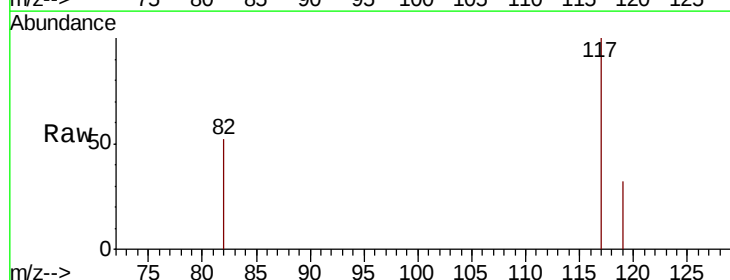
Tgt Ion: 117 Resp: 2298778

Ion Ratio Lower Upper

117 100

82 52.5 44.7 67.1

119 32.1 27.0 40.4

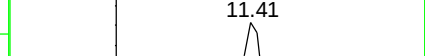
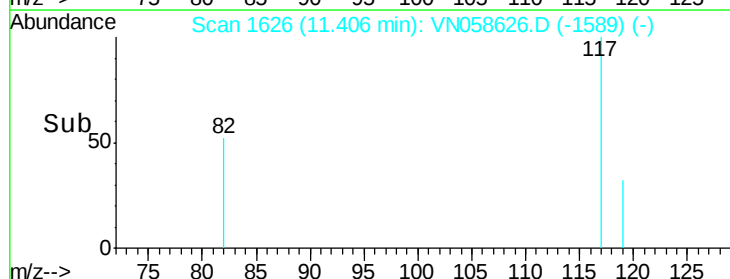


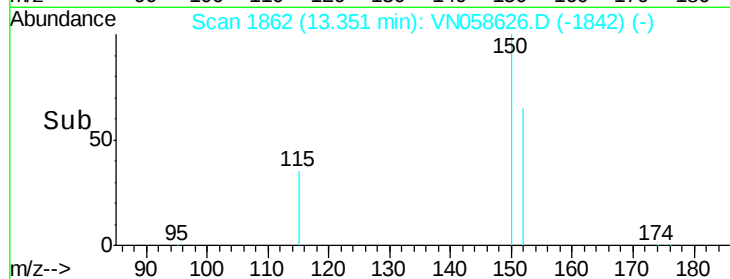
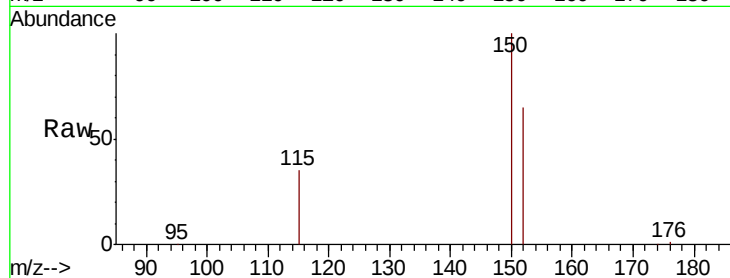
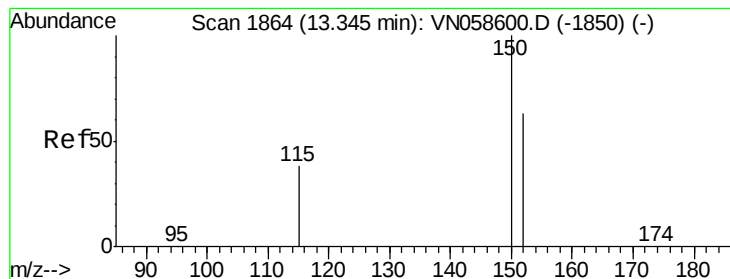
Abundance Ion 117.00 (116.70 to 117.70): VN058626.D (-1589) (-)

Ion 82.00 (81.70 to 82.70): VN058626.D (-1589) (-)

Ion 119.00 (118.70 to 119.70): VN058626.D (-1589) (-)

Time-->





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VN058626.D

Acq: 8 Oct 2019 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC005EC

Tot Ion:152 Resp: 879410

Ion Ratio Lower Upper

152 100

115 54.0 29.9 89.8

150 154.0 0.0 315.8

