

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058625.D
 Acq On : 8 Oct 2019 20:36
 Operator : JC/SP
 Sample : K5234-07MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:18:03 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	1714536	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2560930	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2304361	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	856372	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1091455	5.33	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	106.60%
5) Dibromofluoromethane	7.57	113	844807	5.24	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	104.80%
6) Toluene-d8	10.08	98	1861252	5.11	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	102.20%
7) 4-Bromofluorobenzene	12.40	95	858369	4.81	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	96.20%

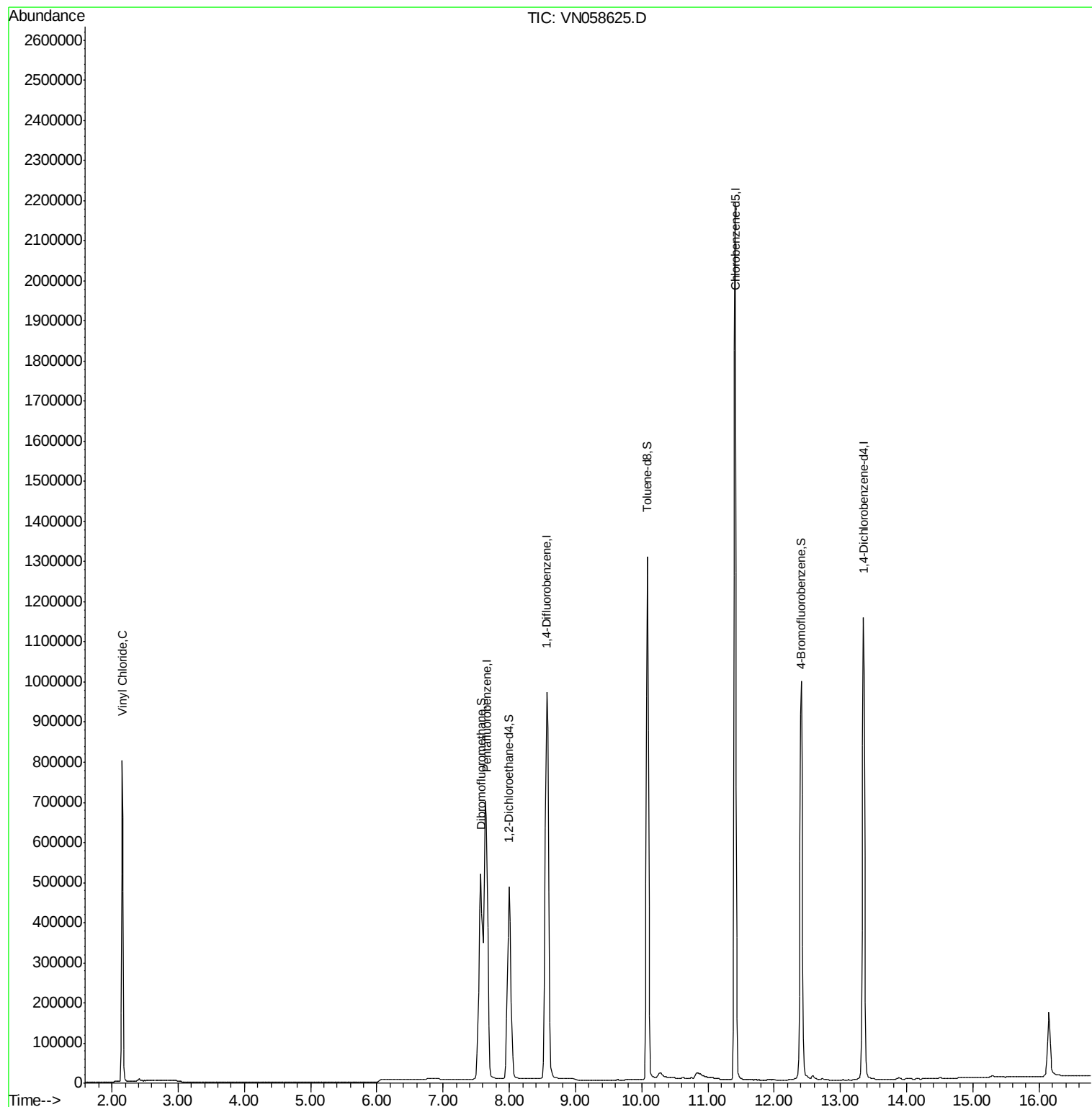
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	902886	5.182 ug/l	99

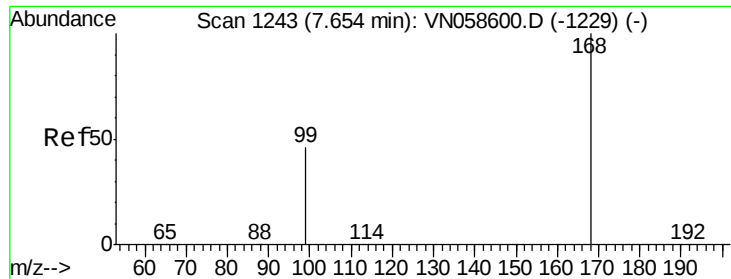
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 04:07:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VN058625.D

Acq: 8 Oct 2019 20:36

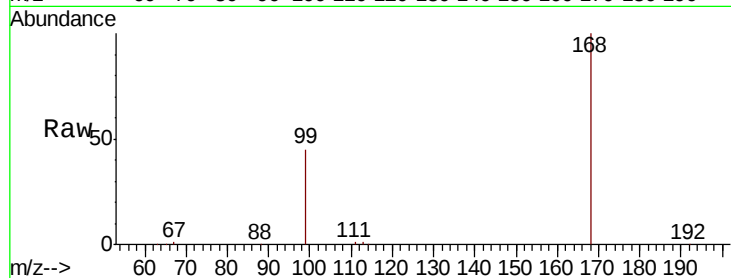
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1714536

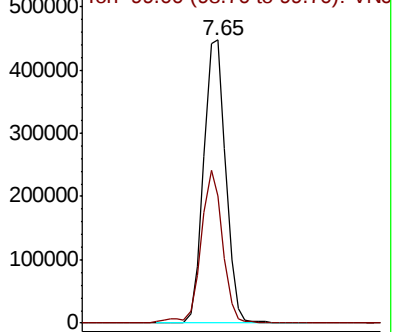
Ion Ratio Lower Upper

168 100

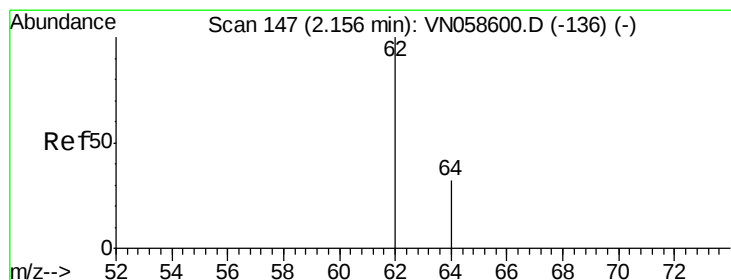
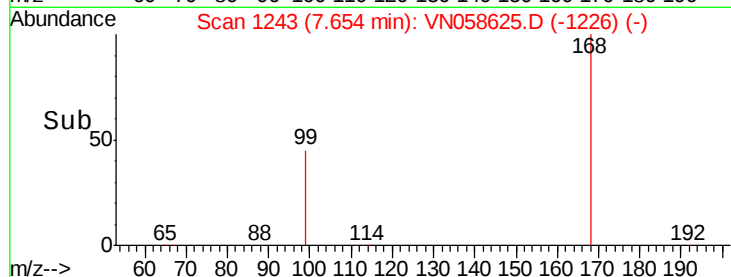
99 44.9 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN058600.D (-1229) (-)



Time-->



#2

Vinyl Chloride

Concen: 5.182 ug/l

RT: 2.16 min Scan# 147

Delta R.T. -0.00 min

Lab File: VN058625.D

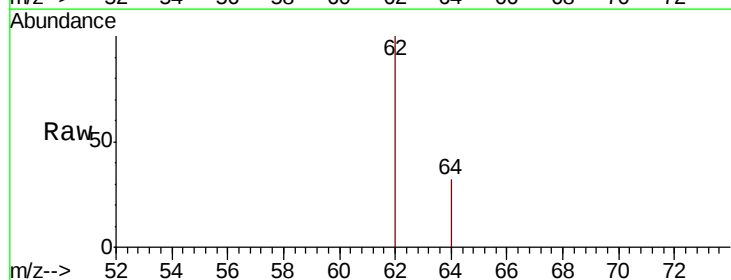
Acq: 8 Oct 2019 20:36

Tgt Ion: 62 Resp: 902886

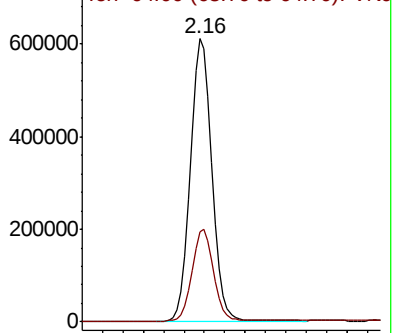
Ion Ratio Lower Upper

62 100

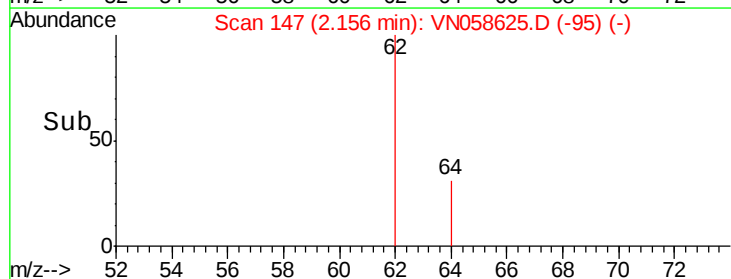
64 31.6 25.8 38.6

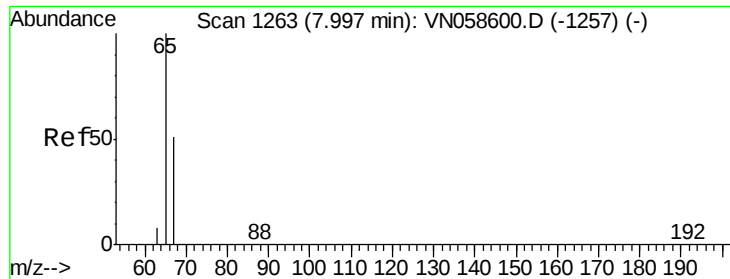


Abundance Ion 62.00 (61.70 to 62.70): VN058600.D (-136) (-)



Time-->





#3

1,2-Dichloroethane-d4

Concen: 5.328 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN058625.D

Acq: 8 Oct 2019 20:36

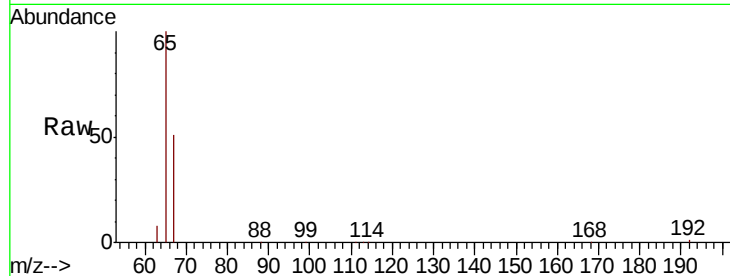
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 1091455

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058625.D (-1246) (-)

Ion 67.00 (66.70 to 67.70): VN058625.D (-1246) (-)

8.00

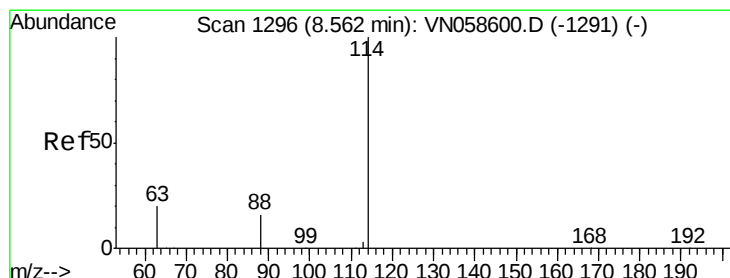
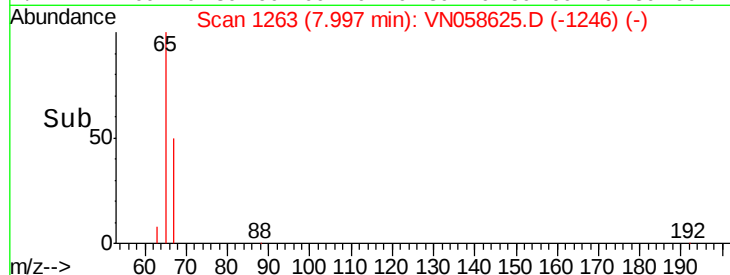
300000

200000

100000

0

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VN058625.D

Acq: 8 Oct 2019 20:36

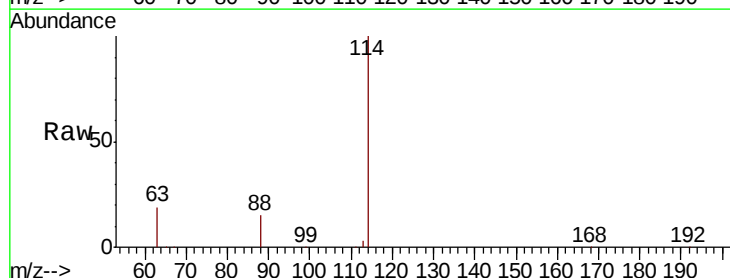
Tgt Ion: 114 Resp: 2560930

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

88 15.3 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058625.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058625.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058625.D (-1267) (-)

8.56

800000

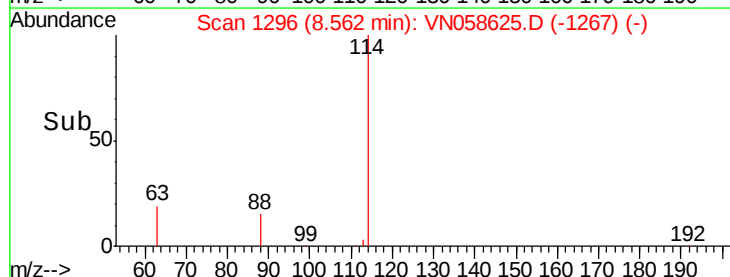
600000

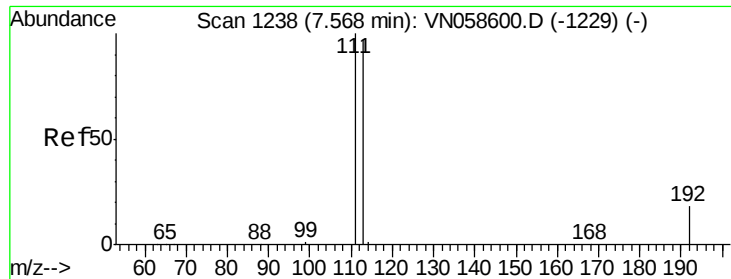
400000

200000

0

Time-->





#5

Dibromofluoromethane

Concen: 5.236 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN058625.D

Acq: 8 Oct 2019 20:36

Instrument :

MSVOA_N

ClientSampled :

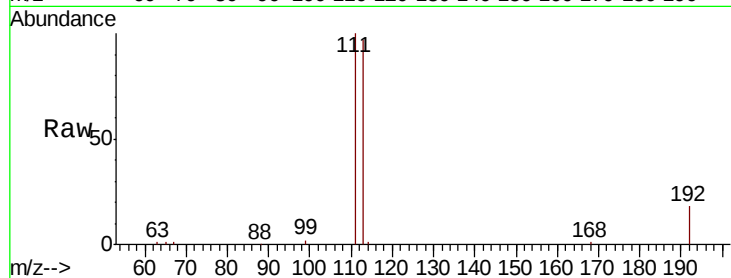
Tot Ion:113 Resp: 844807

Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

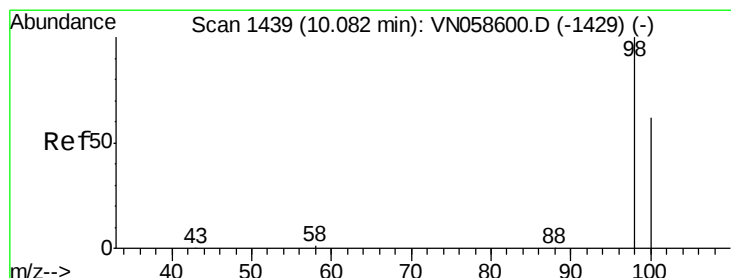
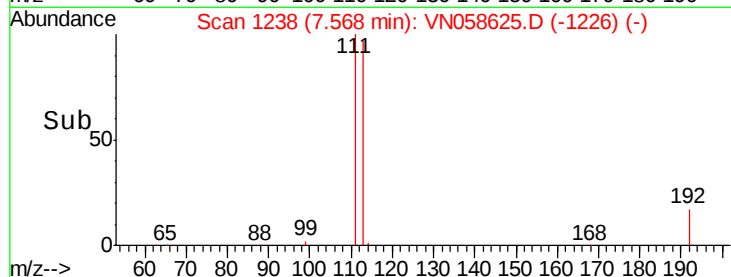
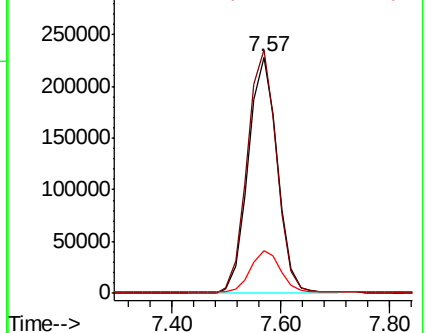
192 18.3 14.9 22.3



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: 5.106 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VN058625.D

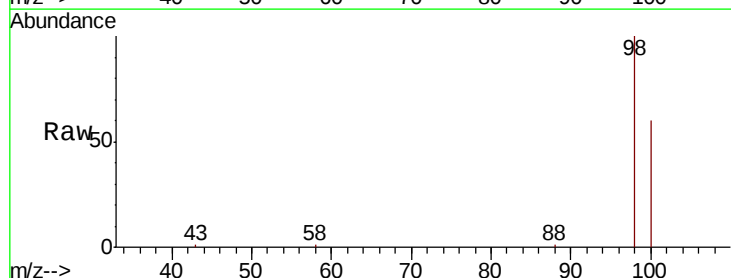
Acq: 8 Oct 2019 20:36

Tgt Ion: 98 Resp: 1861252

Ion Ratio Lower Upper

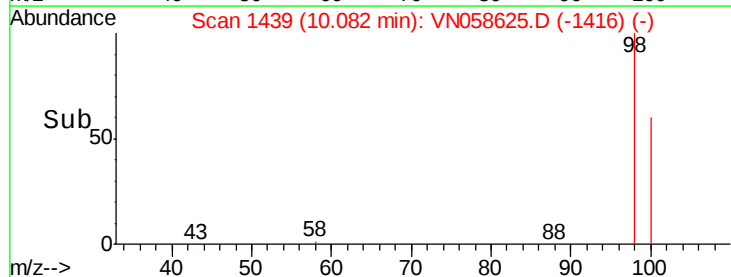
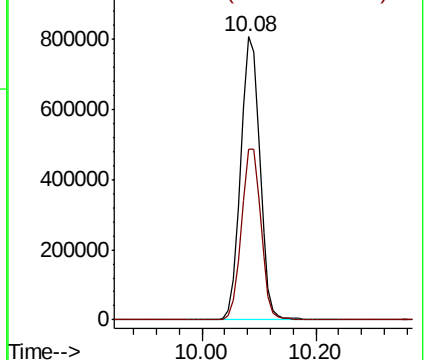
98 100

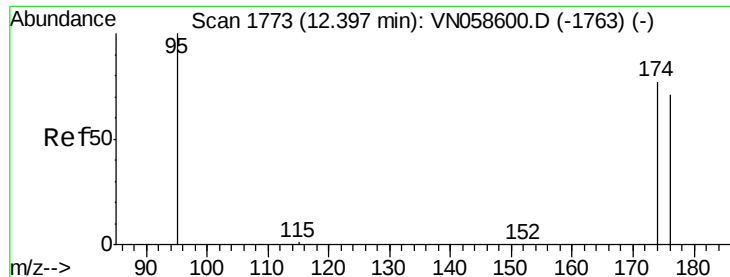
100 60.2 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.806 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN058625.D

Acq: 8 Oct 2019 20:36

Instrument :

MSVOA_N

ClientSampleId :

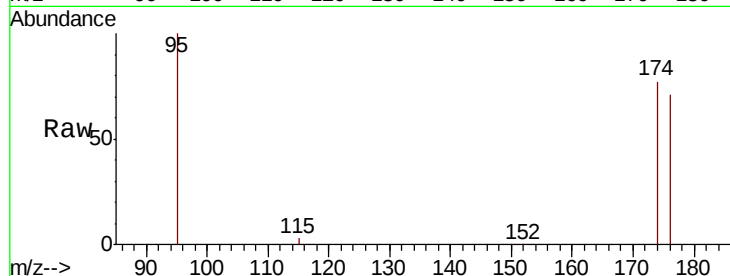
Tot Ion: 95 Resp: 858369

Ion Ratio Lower Upper

95 100

174 76.7 0.0 153.4

176 71.3 0.0 142.2

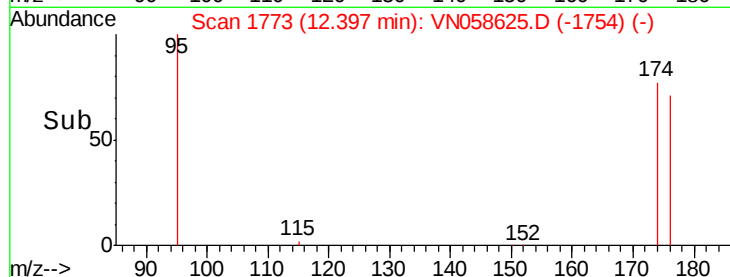


Abundance Ion 95.00 (94.70 to 95.70): VN058625.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058625.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058625.D (-1763) (-)

Time--> 12.20 12.40 12.60

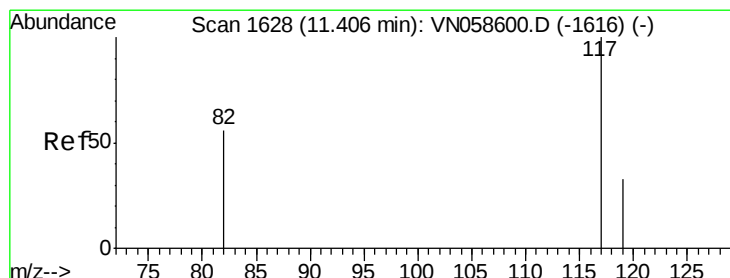


Abundance Ion 95.00 (94.70 to 95.70): VN058625.D (-1754) (-)

Ion 174.00 (173.70 to 174.70): VN058625.D (-1754) (-)

Ion 176.00 (175.70 to 176.70): VN058625.D (-1754) (-)

Time--> 12.20 12.40 12.60



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VN058625.D

Acq: 8 Oct 2019 20:36

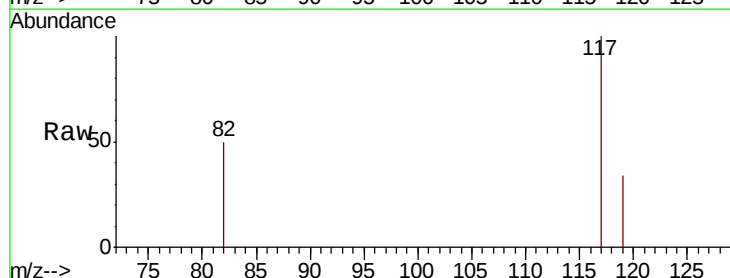
Tgt Ion: 117 Resp: 2304361

Ion Ratio Lower Upper

117 100

82 50.4 44.7 67.1

119 33.5 27.0 40.4

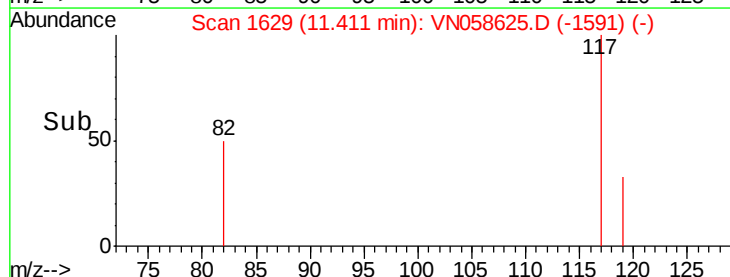


Abundance Ion 117.00 (116.70 to 117.70): VN058625.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058625.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058625.D (-1616) (-)

Time--> 11.20 11.40 11.60

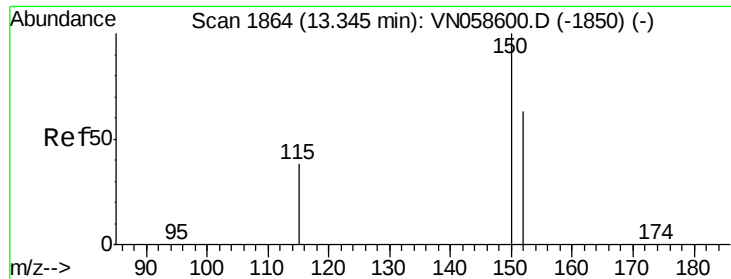


Abundance Ion 117.00 (116.70 to 117.70): VN058625.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN058625.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN058625.D (-1591) (-)

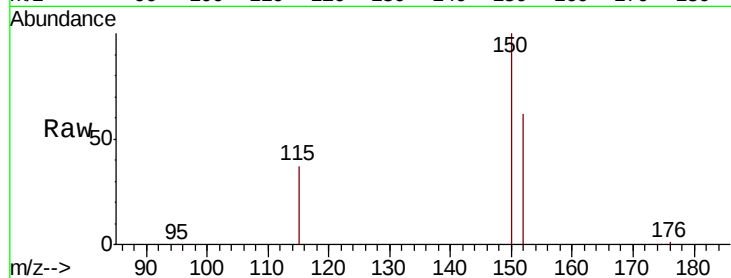
Time--> 11.20 11.40 11.60



#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN058625.D
 Acq: 8 Oct 2019 20:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.9	89.8
150	160.6	0.0	315.8



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

