

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102219\
 Data File : VN058898.D
 Acq On : 22 Oct 2019 10:18
 Operator : JC/SP
 Sample : VN1022WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 04:53:38 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	7.64	168	1843285	5.00	ug/l	-0.02
4) 1,4-Difluorobenzene	8.56	114	2513081	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2256478	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	698708	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	1161960	5.28	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	105.60%
5) Dibromofluoromethane	7.57	113	891897	5.63	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	112.60%
6) Toluene-d8	10.08	98	1947731	5.44	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	108.80%
7) 4-Bromofluorobenzene	12.40	95	776467	4.43	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	88.60%

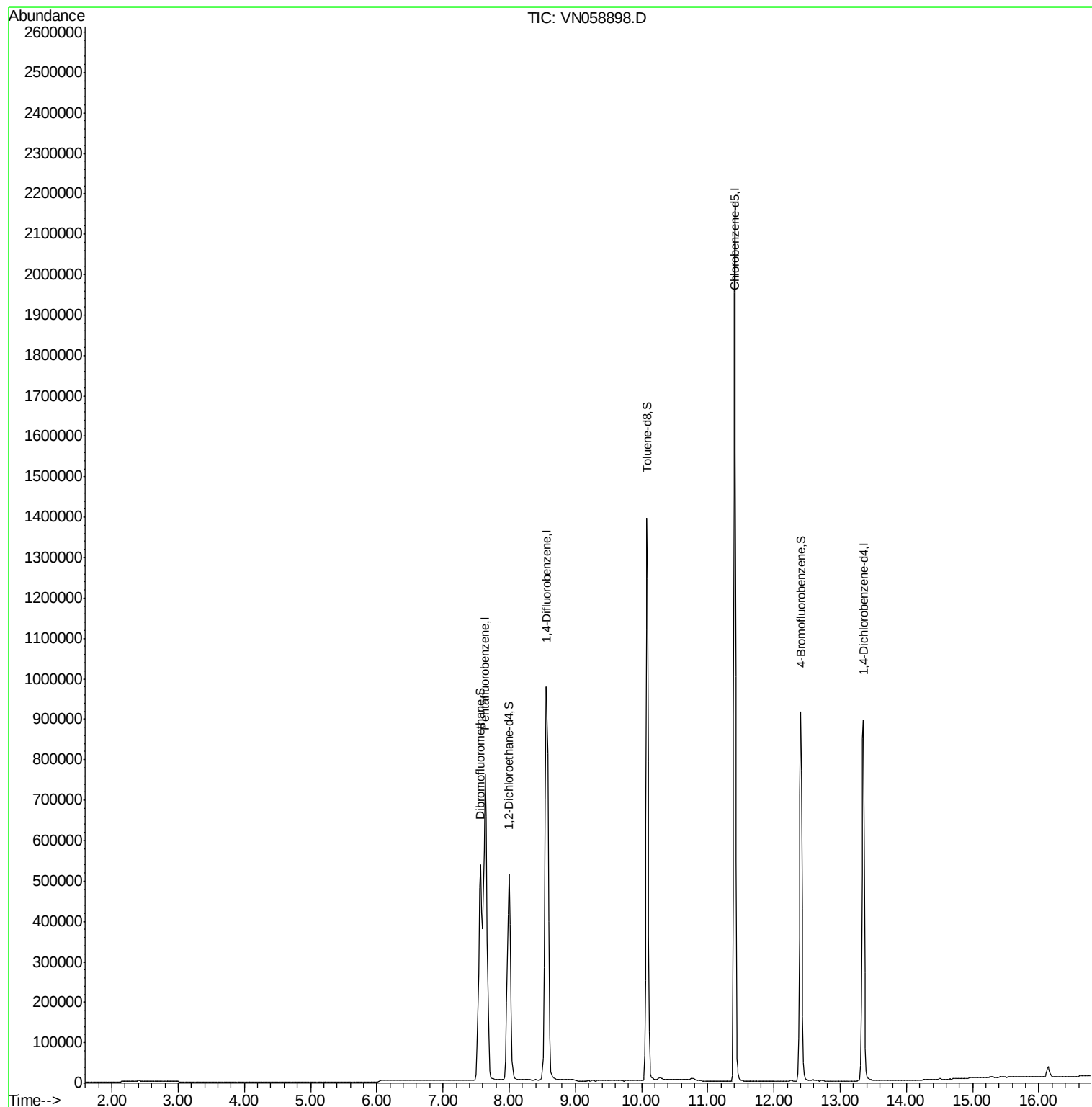
Target Compounds	Qvalue

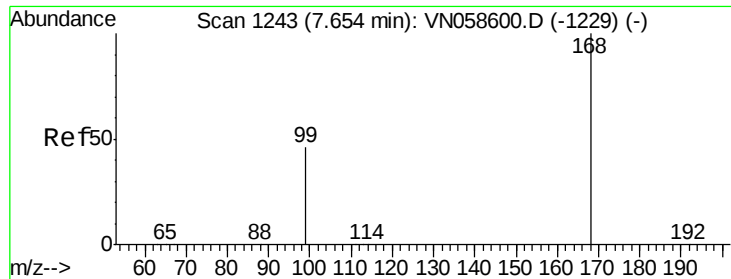
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.64 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VN058898.D

Acq: 22 Oct 2019 10:18

Instrument :

MSVOA_N

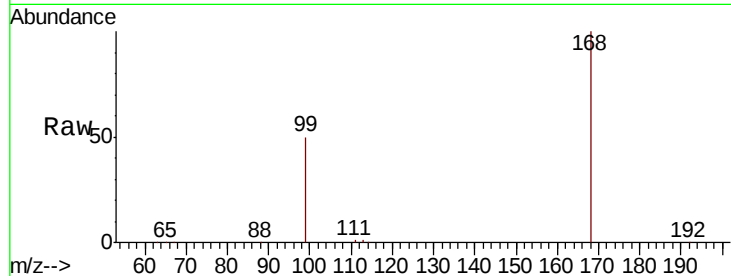
ClientSampleId :

Tot Ion:168 Resp: 1843285

Ion Ratio Lower Upper

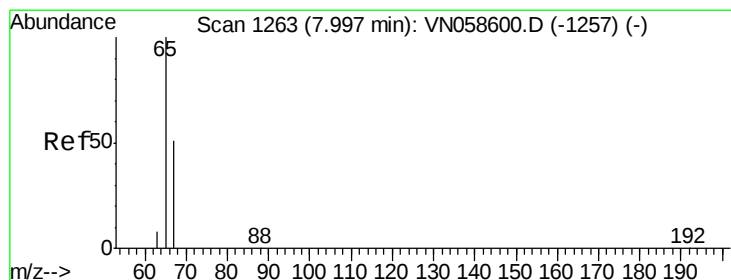
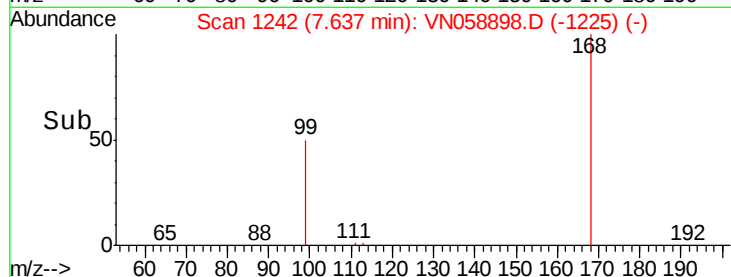
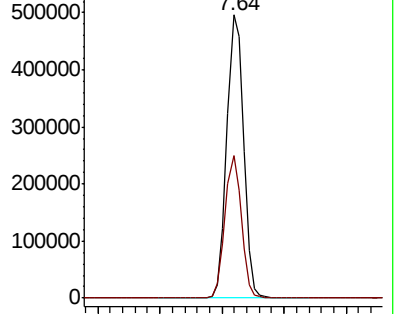
168 100

99 50.2 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN0



#3

1,2-Dichloroethane-d4

Concen: 5.276 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058898.D

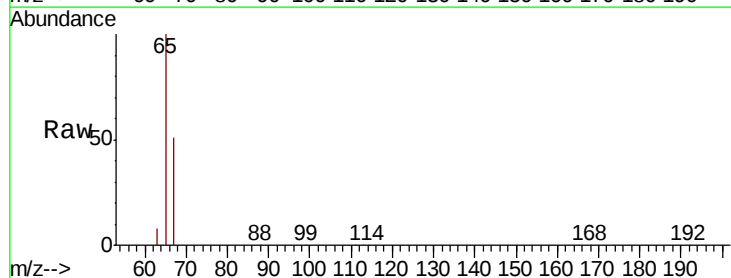
Acq: 22 Oct 2019 10:18

Tgt Ion: 65 Resp: 1161960

Ion Ratio Lower Upper

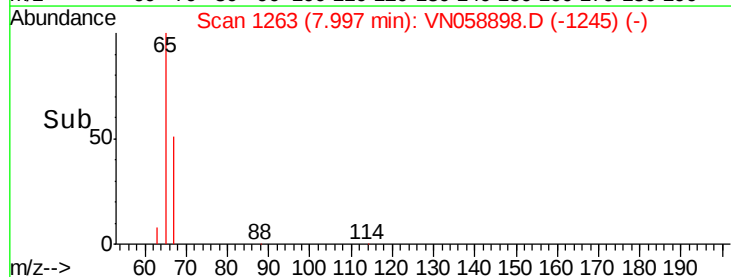
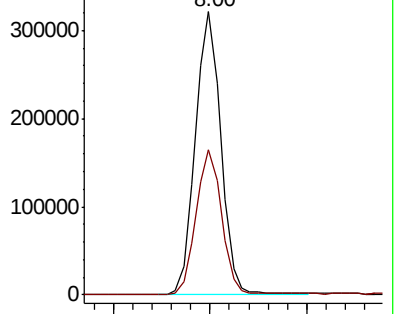
65 100

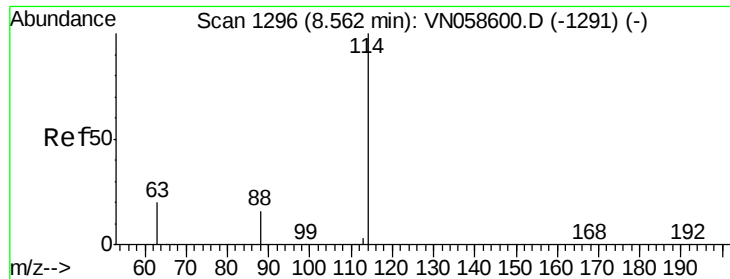
67 51.4 0.0 103.4



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: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058898.D

Acq: 22 Oct 2019 10:18

Instrument :

MSVOA_N

ClientSampleId :

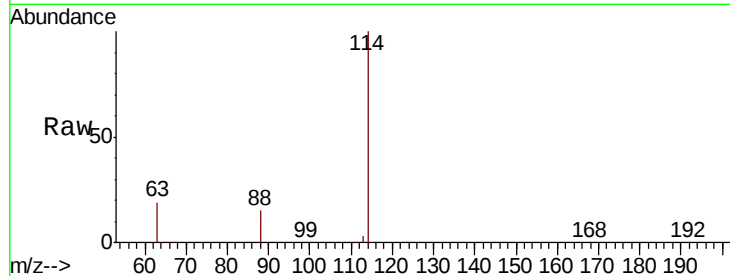
Tot Ion:114 Resp: 2513081

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.6

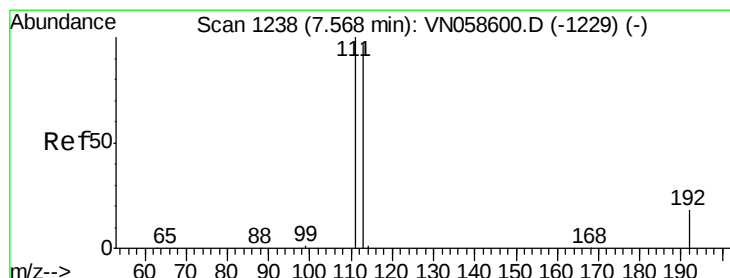
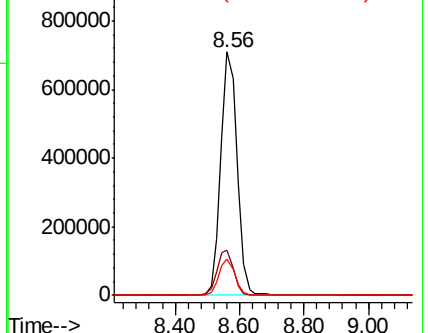
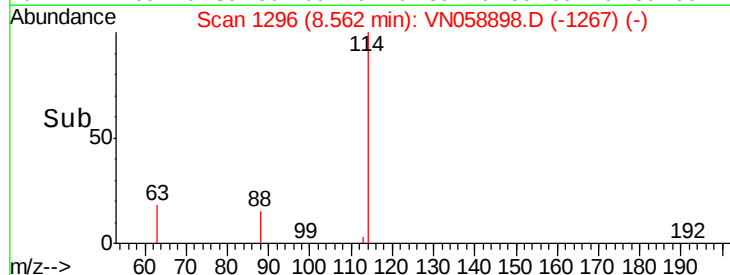
88 14.9 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN

Ion 88.00 (87.70 to 88.70): VN



#5

Dibromofluoromethane

Concen: 5.634 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058898.D

Acq: 22 Oct 2019 10:18

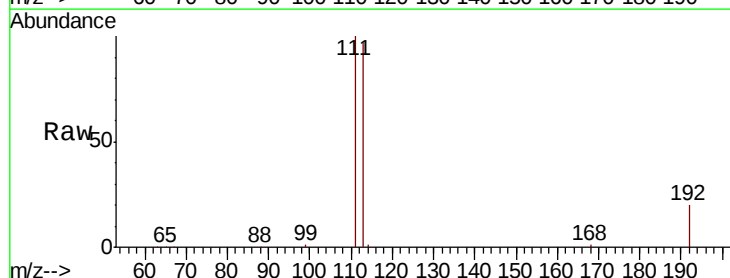
Tgt Ion:113 Resp: 891897

Ion Ratio Lower Upper

113 100

111 103.2 82.5 123.7

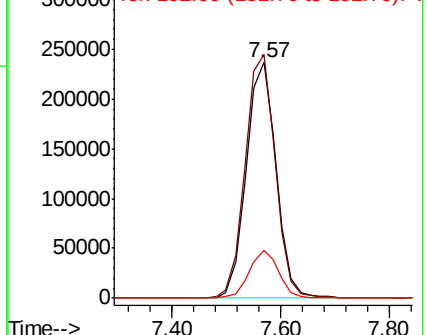
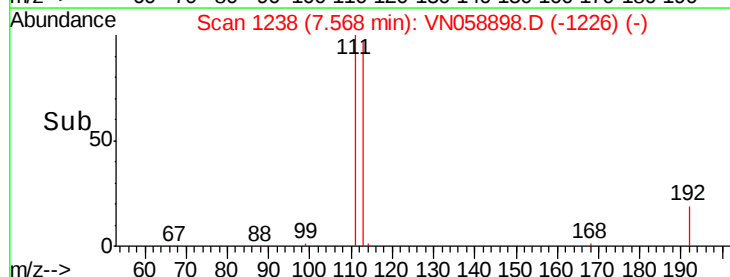
192 20.2 14.9 22.3

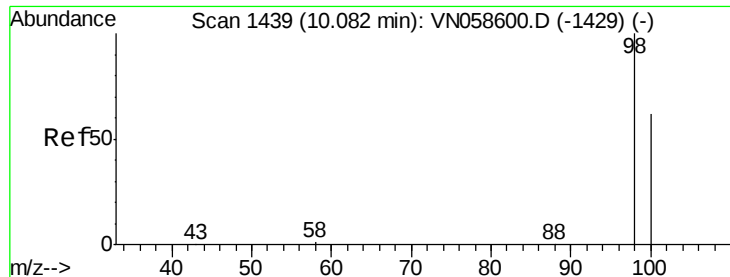


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.445 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058898.D

Acq: 22 Oct 2019 10:18

Instrument :

MSVOA_N

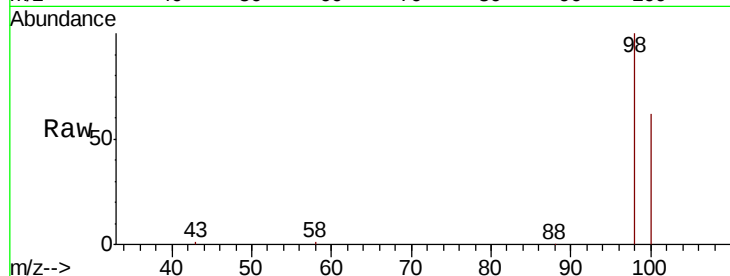
ClientSampleId :

Tot Ion: 98 Resp: 1947731

Ion Ratio Lower Upper

98 100

100 62.1 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN058600.D (-1429) (-)

Ion 100.00 (99.70 to 100.70): VN058898.D (-1416) (-)

1000000

800000

600000

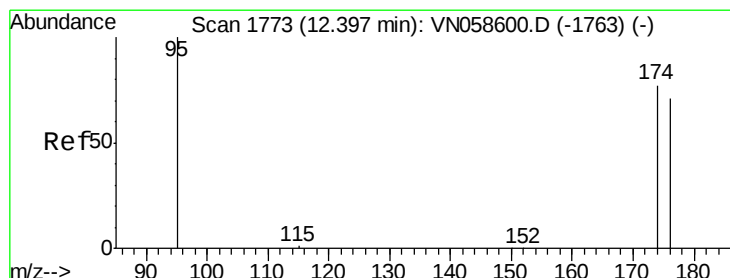
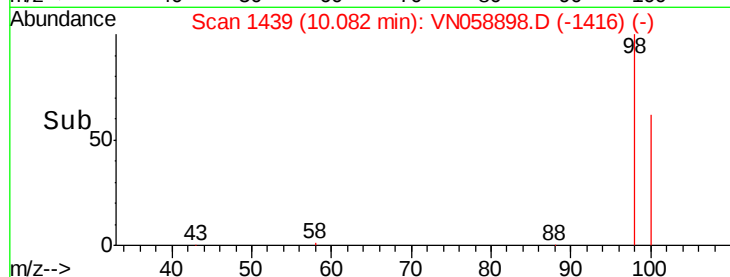
400000

200000

0

10.08

Time-->



#7

4-Bromofluorobenzene

Concen: 4.430 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.01 min

Lab File: VN058898.D

Acq: 22 Oct 2019 10:18

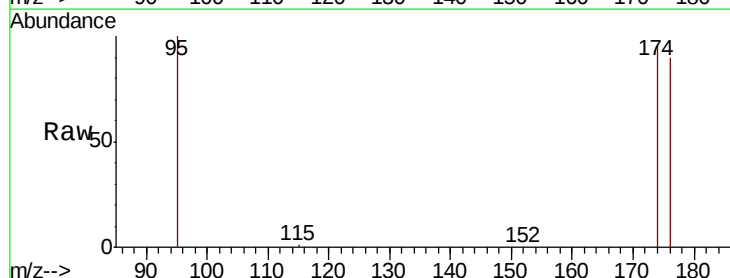
Tgt Ion: 95 Resp: 776467

Ion Ratio Lower Upper

95 100

174 96.1 0.0 153.4

176 89.8 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058600.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058898.D (-1753) (-)

Ion 176.00 (175.70 to 176.70): VN058898.D (-1753) (-)

400000

300000

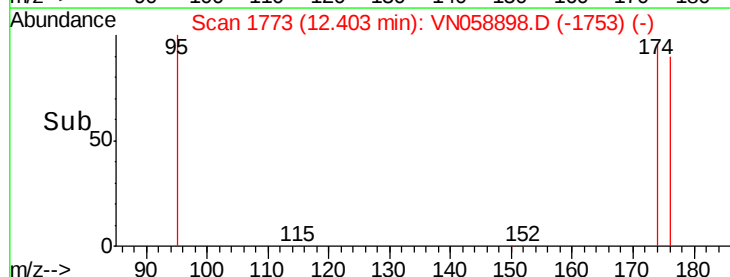
200000

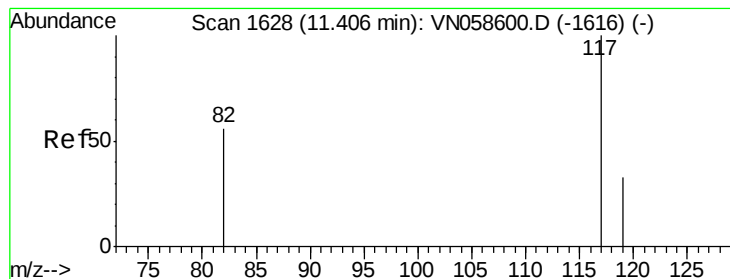
100000

0

12.40

Time-->





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058898.D

Acq: 22 Oct 2019 10:18

Instrument :

MSVOA_N

ClientSampled :

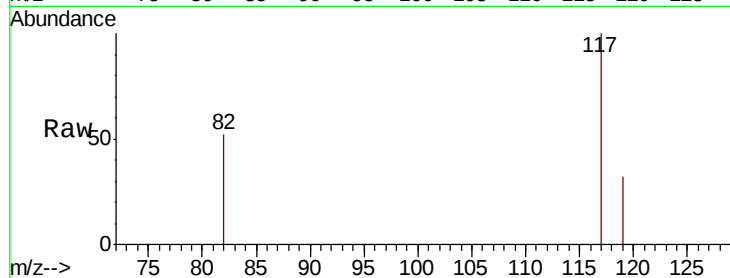
Tot Ion:117 Resp: 2256478

Ion Ratio Lower Upper

117 100

82 52.3 44.7 67.1

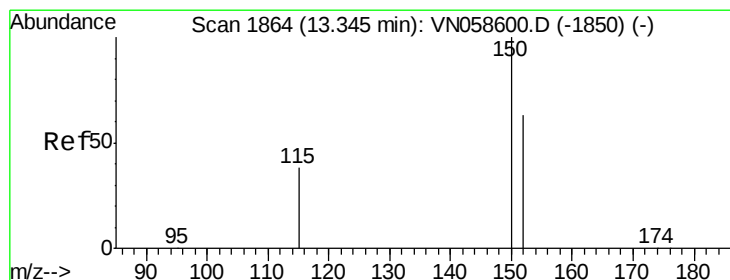
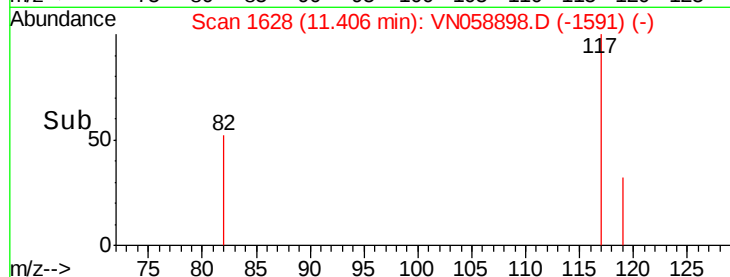
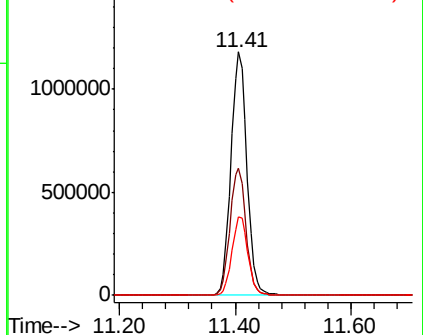
119 32.0 27.0 40.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

Ion 119.00 (118.70 to 119.70): V



#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VN058898.D

Acq: 22 Oct 2019 10:18

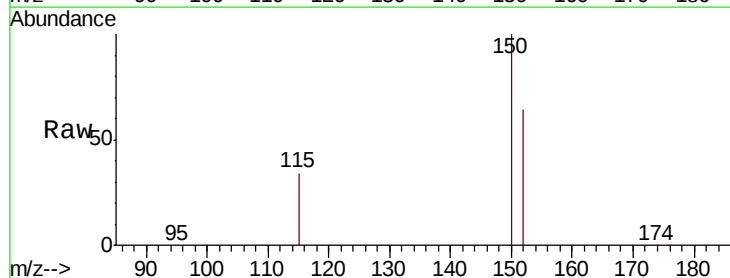
Tgt Ion:152 Resp: 698708

Ion Ratio Lower Upper

152 100

115 52.6 29.9 89.8

150 155.2 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

