

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100919\
 Data File : VN058629.D
 Acq On : 9 Oct 2019 9:51
 Operator : JC/SP
 Sample : VN1009WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBL01

Quant Time: Oct 10 01:17:15 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	1831902	5.00	ug/l	-0.02
4) 1,4-Difluorobenzene	8.56	114	2630552	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2381257	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	883092	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1106860	5.06	ug/l	0.00
Spiked Amount 5.000	Range 81 - 118		Recovery	=	101.20%	
5) Dibromofluoromethane	7.57	113	869909	5.25	ug/l	0.00
Spiked Amount 5.000	Range 80 - 119		Recovery	=	105.00%	
6) Toluene-d8	10.08	98	1926135	5.14	ug/l	0.00
Spiked Amount 5.000	Range 89 - 112		Recovery	=	102.80%	
7) 4-Bromofluorobenzene	12.40	95	873892	4.76	ug/l	0.00
Spiked Amount 5.000	Range 85 - 114		Recovery	=	95.20%	

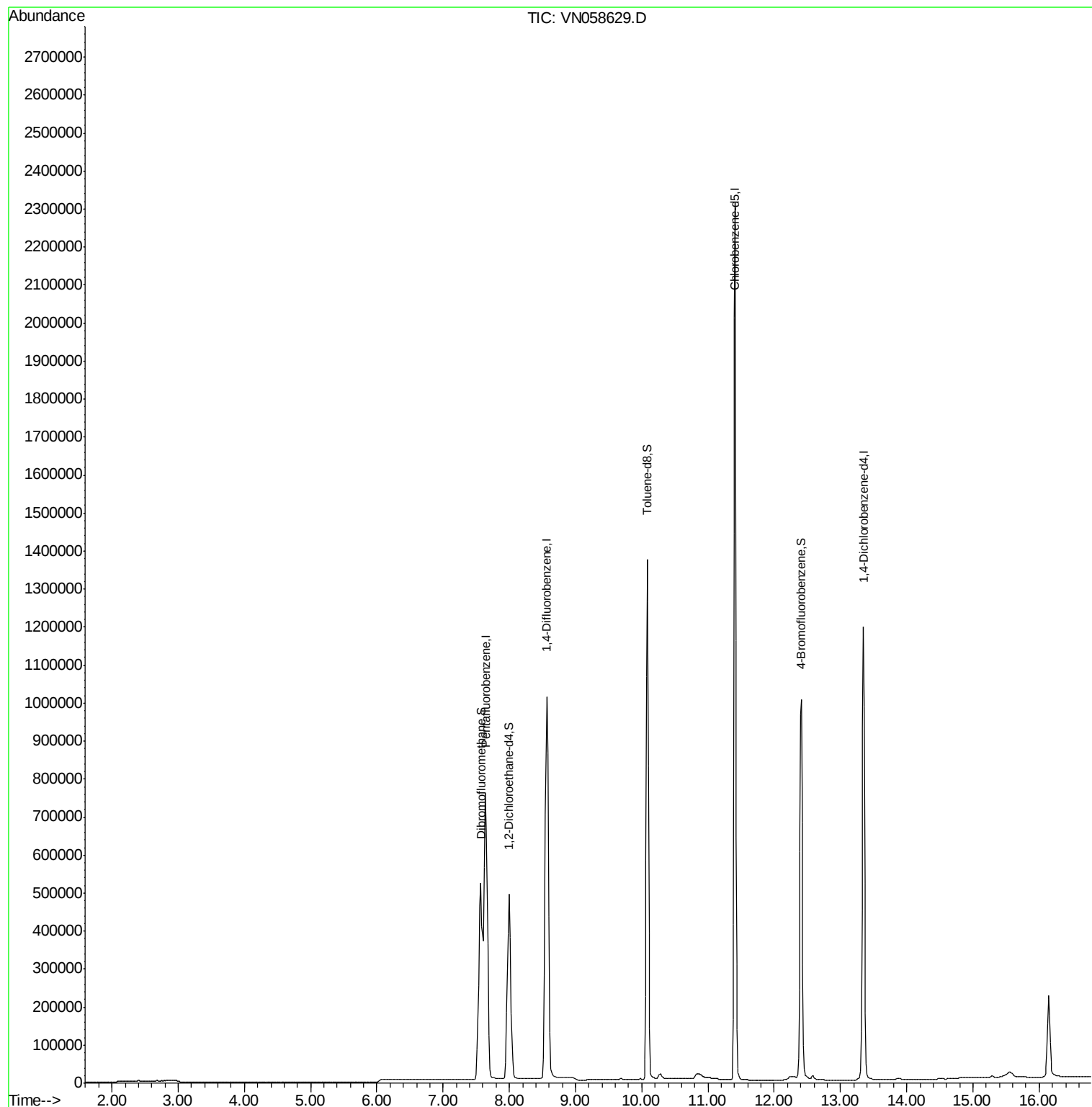
Target Compounds	Qvalue
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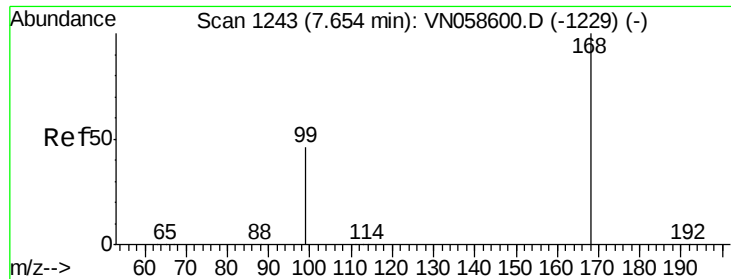
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 04:07:23 2019
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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VN058629.D

Acq: 9 Oct 2019 9:51

Instrument :

MSVOA_N

ClientSampled :

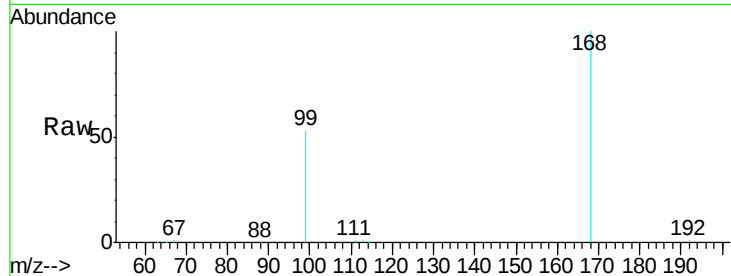
VN1009WBL01

Tgt Ion:168 Resp: 1831902

Ion Ratio Lower Upper

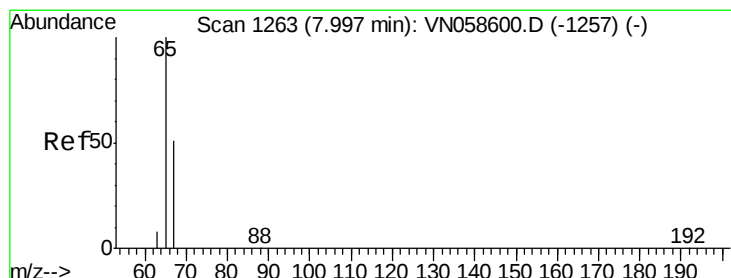
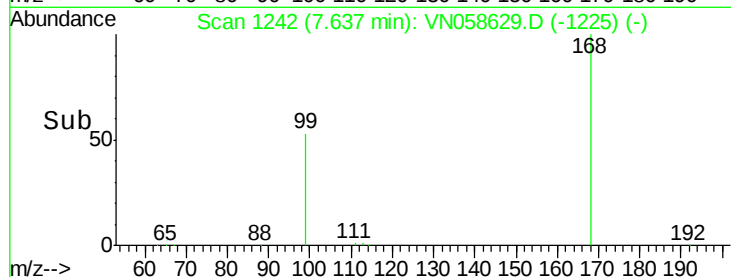
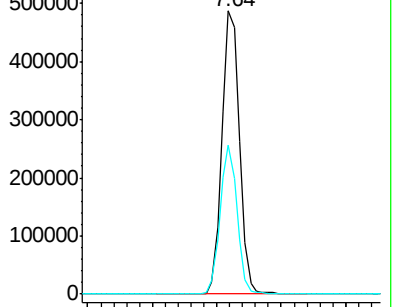
168 100

99 52.7 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#3

1,2-Dichloroethane-d4

Concen: 5.057 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058629.D

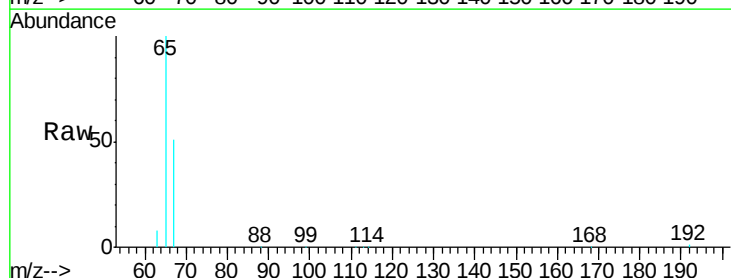
Acq: 9 Oct 2019 9:51

Tgt Ion: 65 Resp: 1106860

Ion Ratio Lower Upper

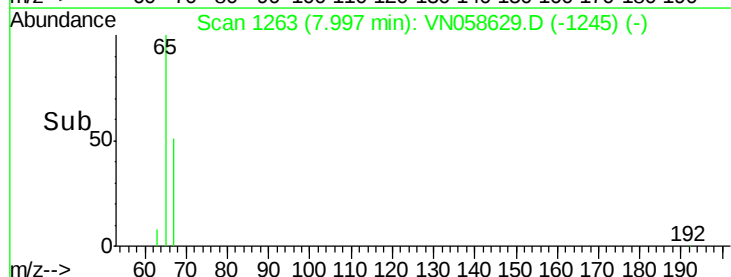
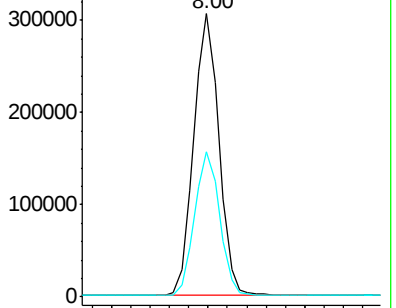
65 100

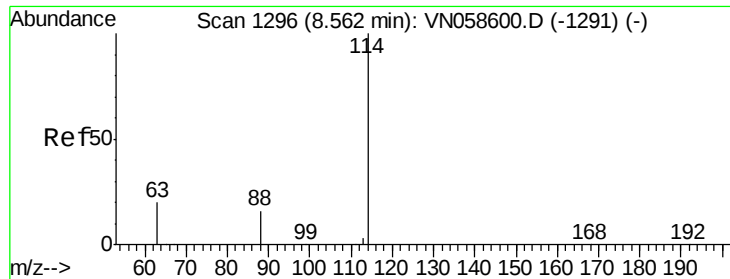
67 51.4 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058629.D

Acq: 9 Oct 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBL01

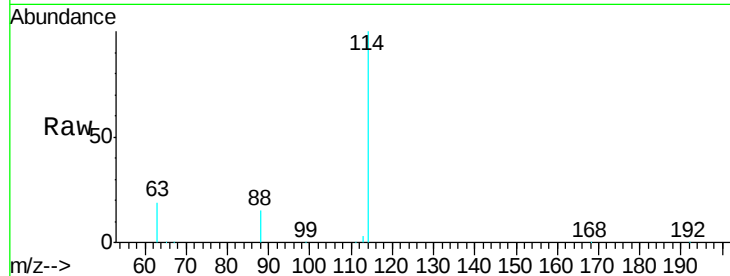
Tgt Ion:114 Resp: 2630552

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.6

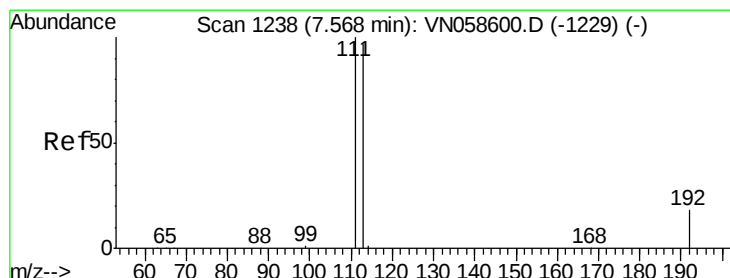
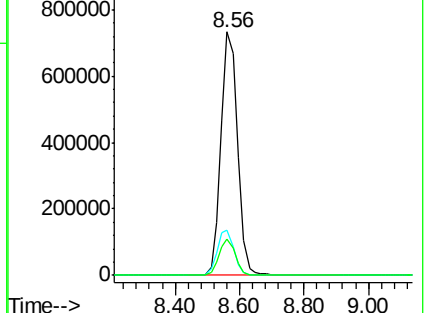
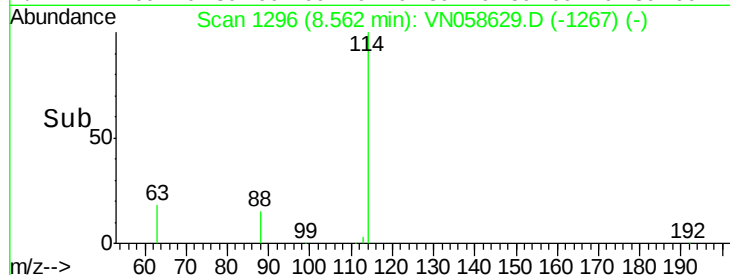
88 15.1 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VNO

Ion 88.00 (87.70 to 88.70): VNO



#5

Dibromofluoromethane

Concen: 5.249 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058629.D

Acq: 9 Oct 2019 9:51

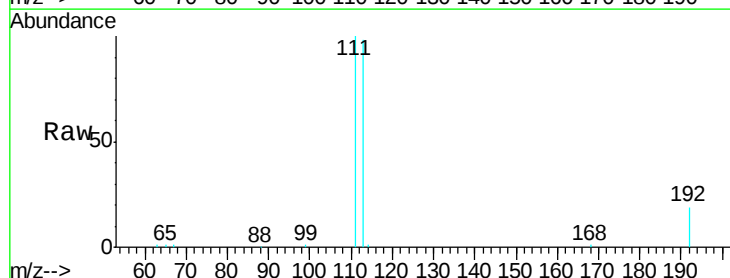
Tgt Ion:113 Resp: 869909

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

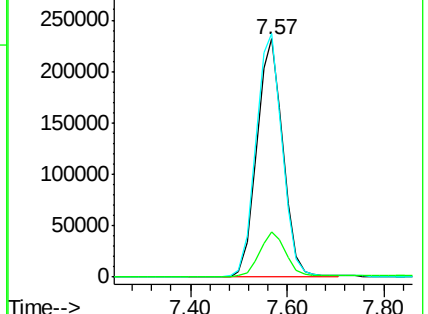
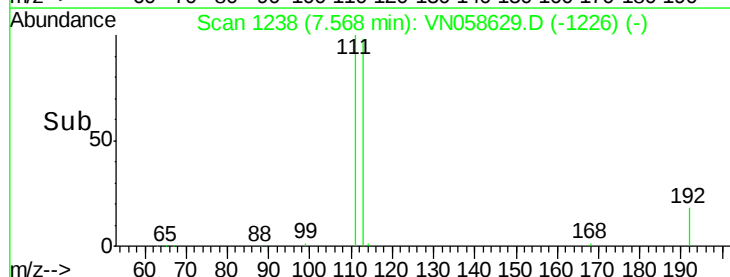
192 18.9 14.9 22.3

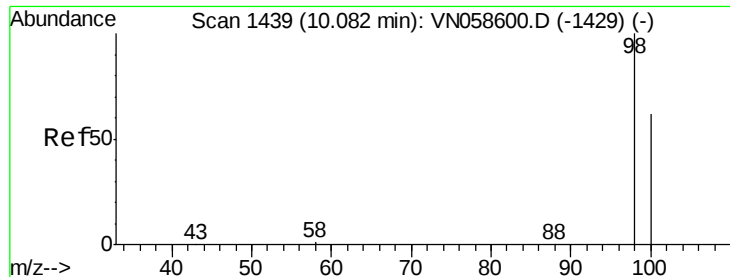


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.144 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058629.D

Acq: 9 Oct 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

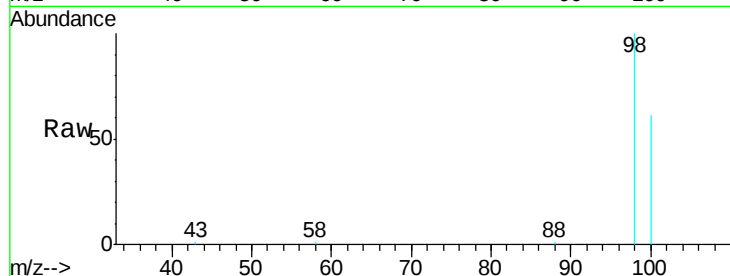
VN1009WBL01

Tgt Ion: 98 Resp: 1926135

Ion Ratio Lower Upper

98 100

100 61.0 49.4 74.2



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

Ion 100.00 (99.70 to 100.70): VN058600.D (-1429) (-)

1000000

800000

600000

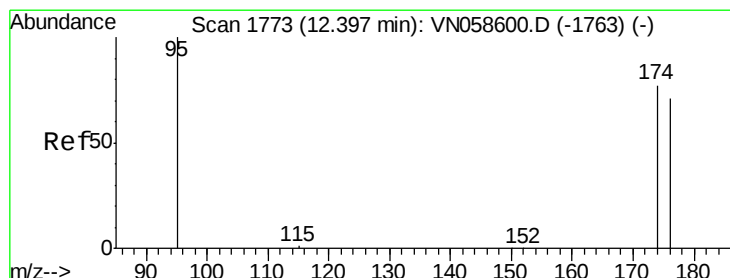
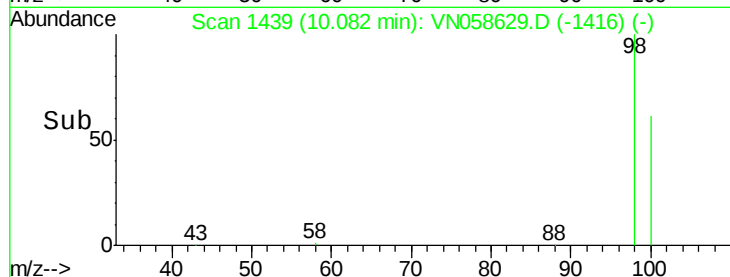
400000

200000

0

10.00 10.08 10.20

Time-->



#7

4-Bromofluorobenzene

Concen: 4.763 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058629.D

Acq: 9 Oct 2019 9:51

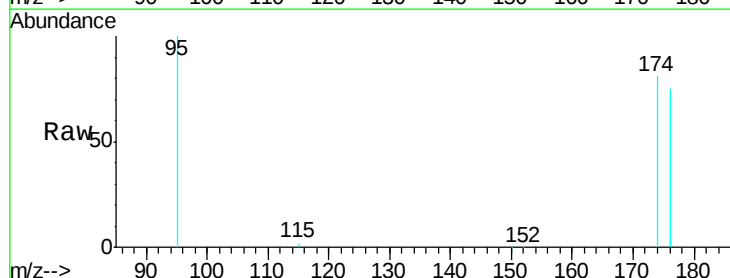
Tgt Ion: 95 Resp: 873892

Ion Ratio Lower Upper

95 100

174 81.0 0.0 153.4

176 74.9 0.0 142.2



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

Ion 174.00 (173.70 to 174.70): VN058600.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058600.D (-1763) (-)

500000

400000

300000

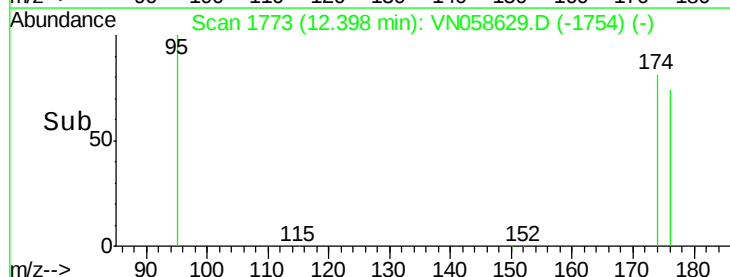
200000

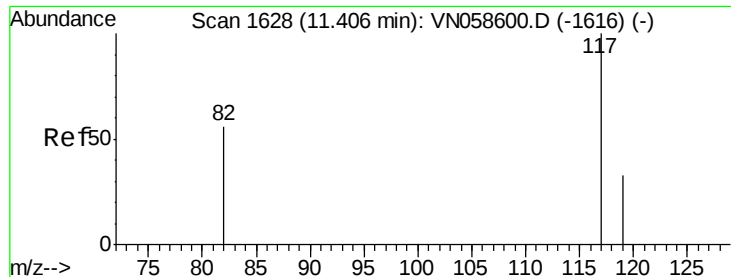
100000

0

12.40 12.60

Time-->





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058629.D

Acq: 9 Oct 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBL01

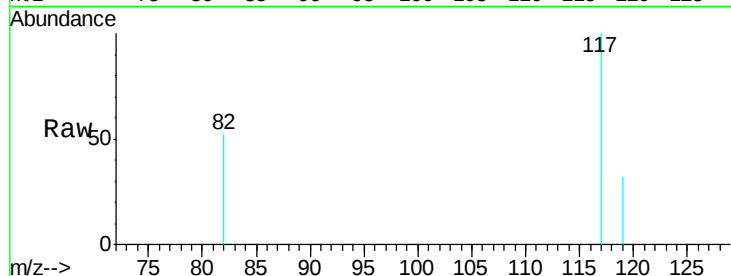
Tgt Ion:117 Resp: 2381257

Ion Ratio Lower Upper

117 100

82 52.4 44.7 67.1

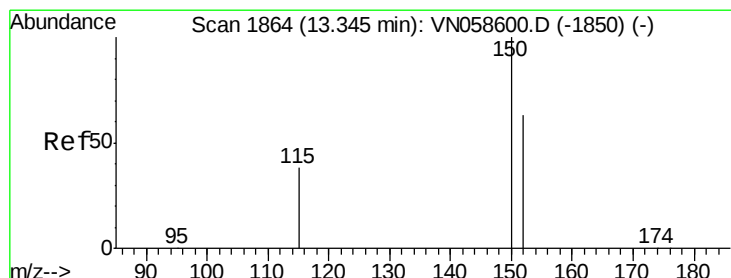
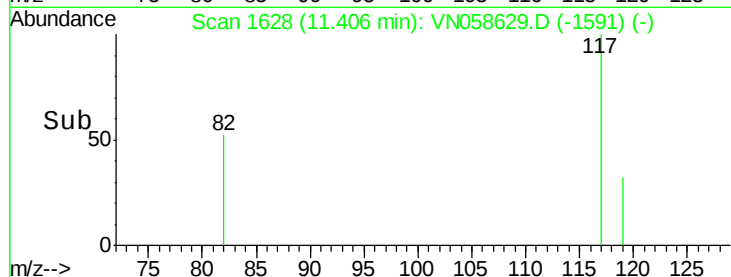
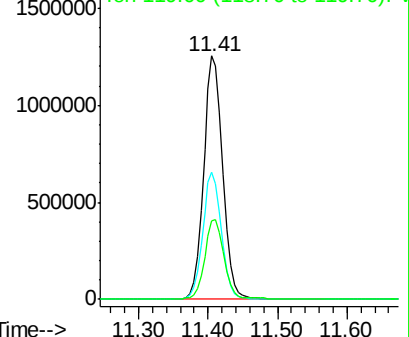
119 32.2 27.0 40.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

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. 0.00 min

Lab File: VN058629.D

Acq: 9 Oct 2019 9:51

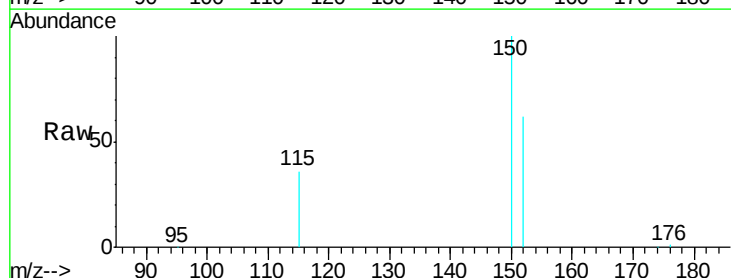
Tgt Ion:152 Resp: 883092

Ion Ratio Lower Upper

152 100

115 58.2 29.9 89.8

150 160.3 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

