

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100919\
 Data File : VN058633.D
 Acq On : 9 Oct 2019 11:18
 Operator : JC/SP
 Sample : K5260-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0017

Quant Time: Oct 10 01:17:37 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	1629721	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.57	114	2412994	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2157153	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	787736	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	1004490	5.16	ug/l	0.00
Spiked Amount 5.000	Range 81 - 118		Recovery	=	103.20%	
5) Dibromofluoromethane	7.56	113	802988	5.28	ug/l	0.00
Spiked Amount 5.000	Range 80 - 119		Recovery	=	105.60%	
6) Toluene-d8	10.08	98	1711079	4.98	ug/l	0.00
Spiked Amount 5.000	Range 89 - 112		Recovery	=	99.60%	
7) 4-Bromofluorobenzene	12.40	95	771241	4.58	ug/l	0.00
Spiked Amount 5.000	Range 85 - 114		Recovery	=	91.60%	

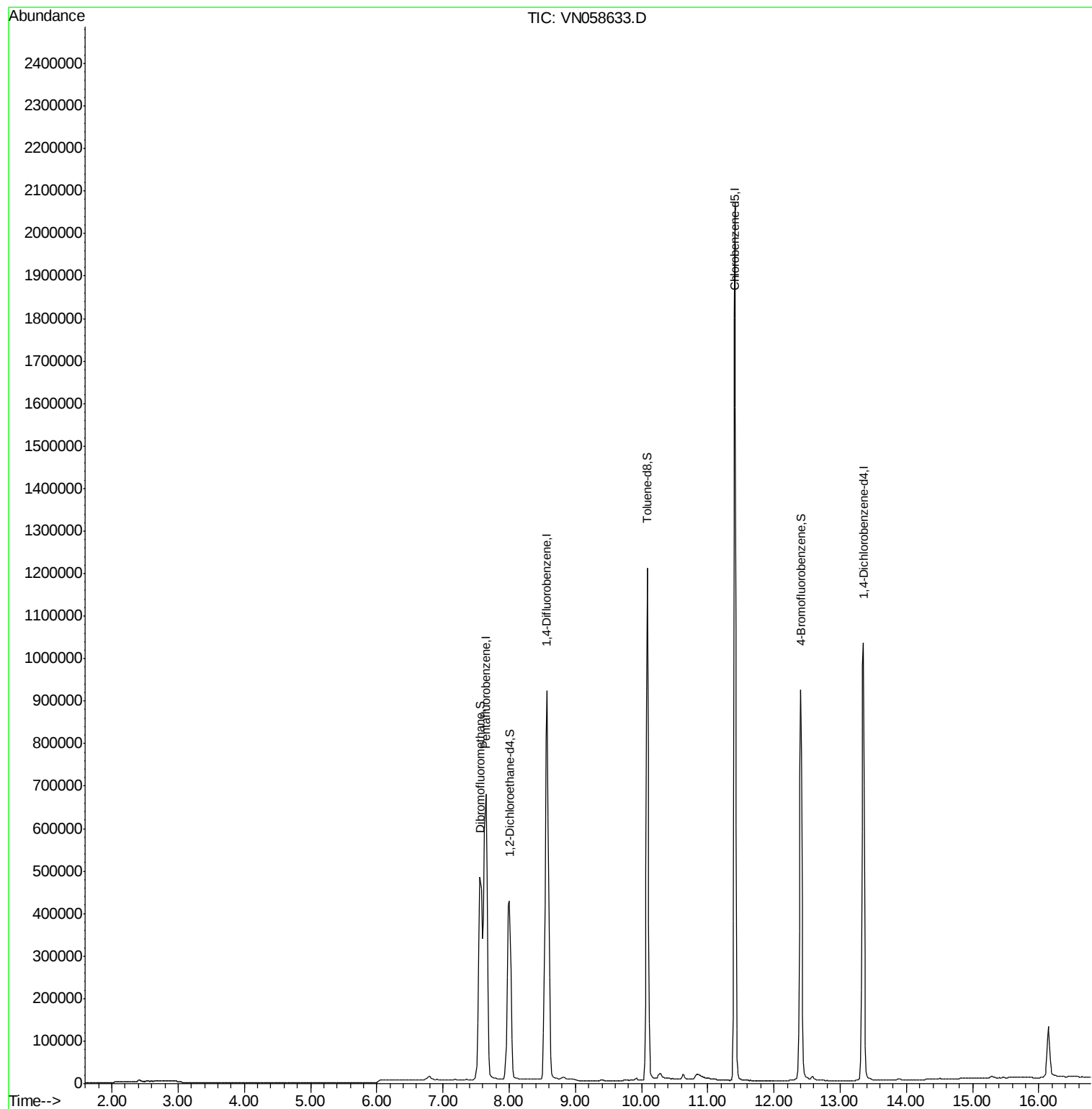
Target Compounds	Qvalue
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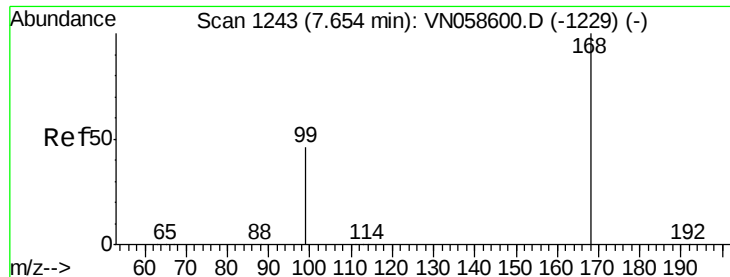
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1241

Delta R.T. -0.01 min

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Acq: 9 Oct 2019 11:18

Instrument :

MSVOA_N

ClientSampleId :

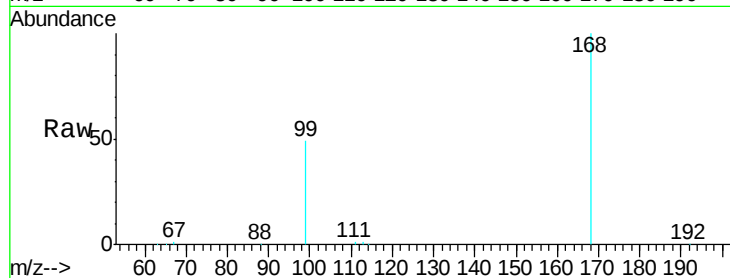
FA19-MMW0017

Tgt Ion:168 Resp: 1629721

Ion Ratio Lower Upper

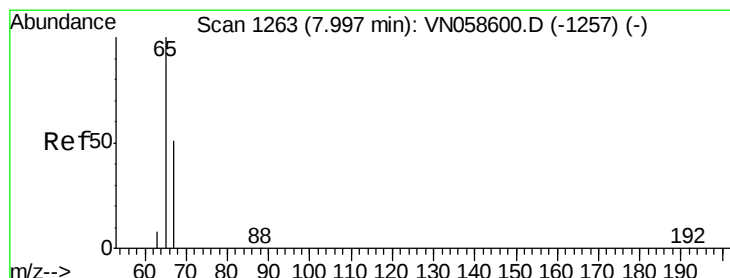
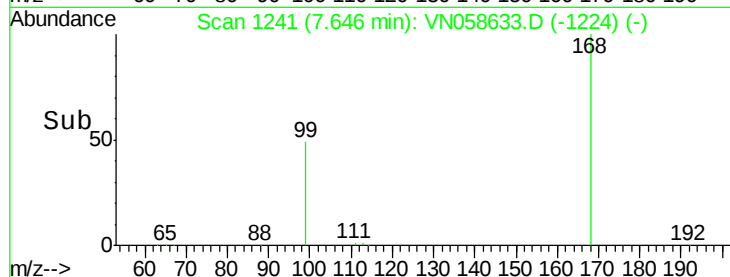
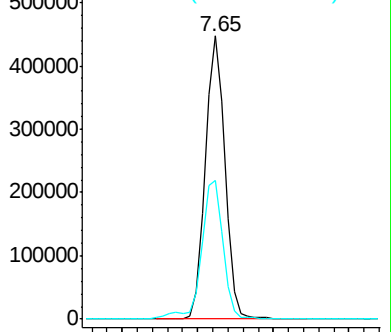
168 100

99 48.9 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VNO



#3

1,2-Dichloroethane-d4

Concen: 5.159 ug/l

RT: 8.01 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VN058633.D

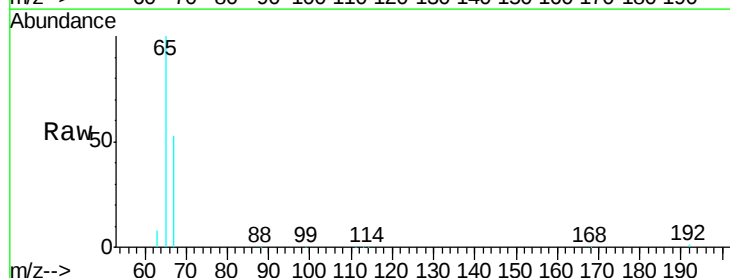
Acq: 9 Oct 2019 11:18

Tgt Ion: 65 Resp: 1004490

Ion Ratio Lower Upper

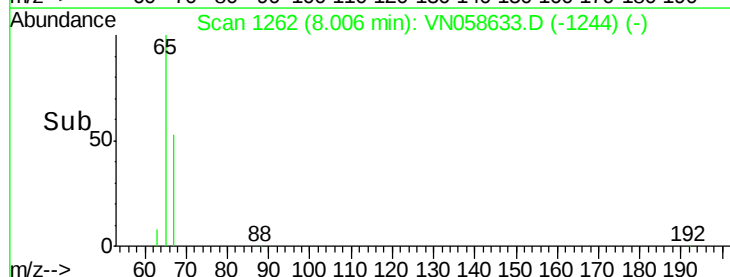
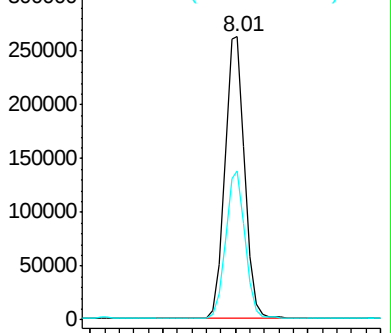
65 100

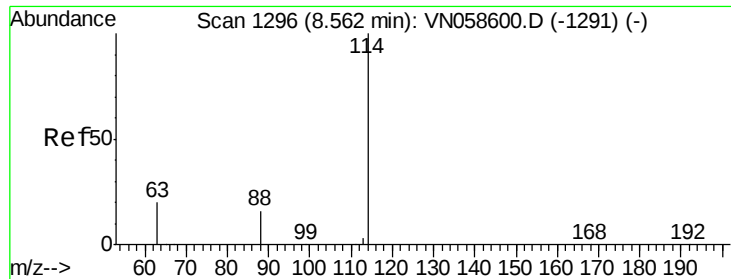
67 52.9 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VNO

Ion 67.00 (66.70 to 67.70): VNO





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.57 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VN058633.D

Acq: 9 Oct 2019 11:18

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0017

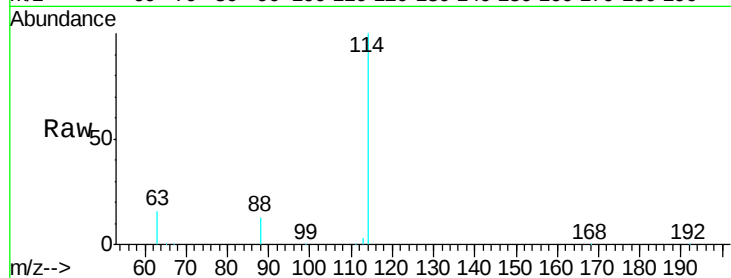
Tgt Ion:114 Resp: 2412994

Ion Ratio Lower Upper

114 100

63 15.8 0.0 40.6

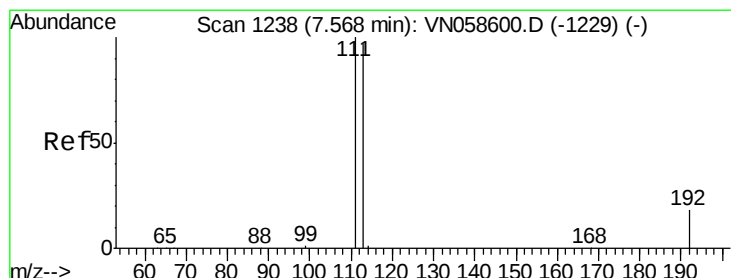
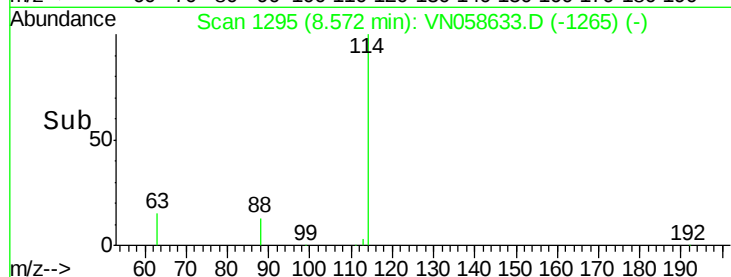
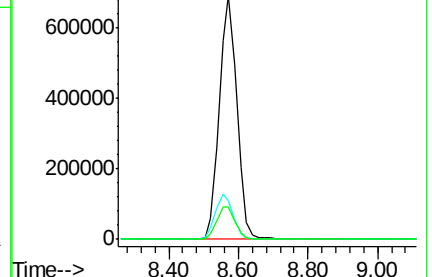
88 13.4 0.0 32.4



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: 5.282 ug/l

RT: 7.56 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VN058633.D

Acq: 9 Oct 2019 11:18

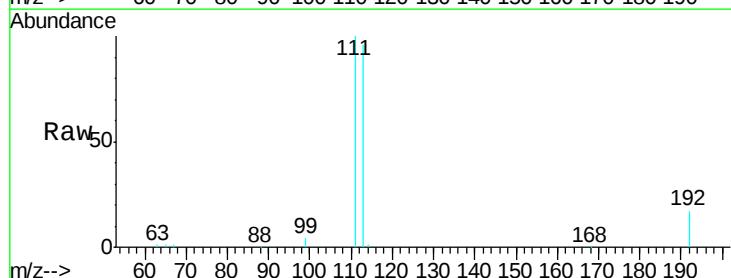
Tgt Ion:113 Resp: 802988

Ion Ratio Lower Upper

113 100

111 104.4 82.5 123.7

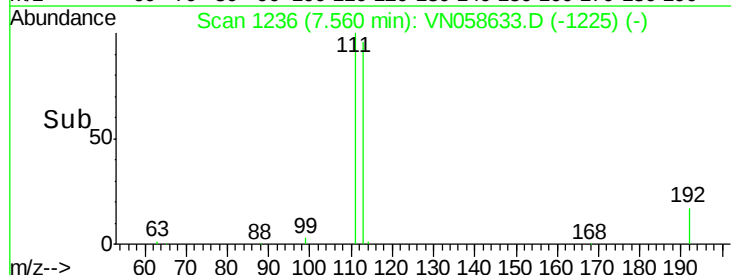
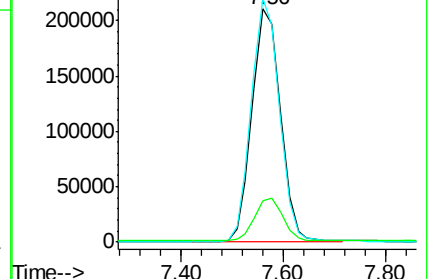
192 17.8 14.9 22.3

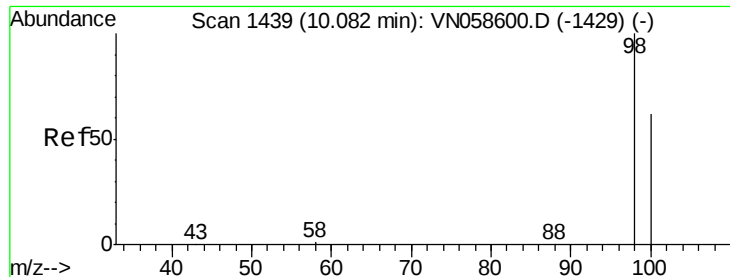


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 4.982 ug/l

RT: 10.08 min Scan# 1437

Delta R.T. 0.00 min

Lab File: VN058633.D

Acq: 9 Oct 2019 11:18

Instrument :

MSVOA_N

ClientSampleId :

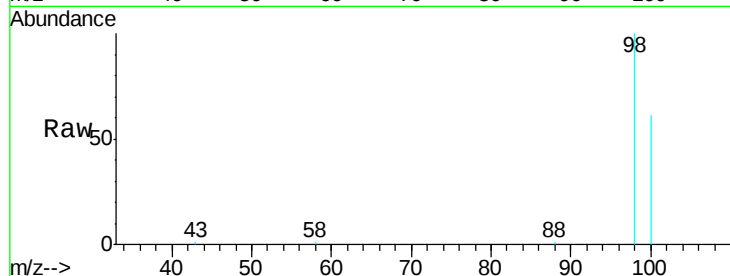
FA19-MMW0017

Tgt Ion: 98 Resp: 1711079

Ion Ratio Lower Upper

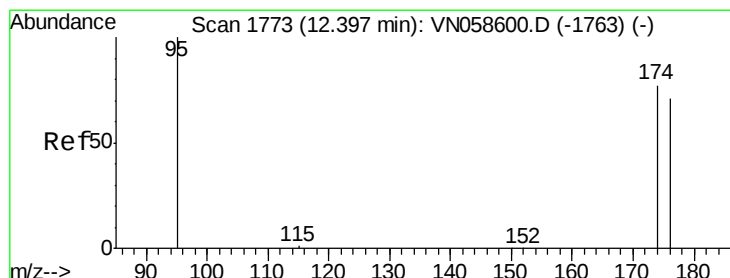
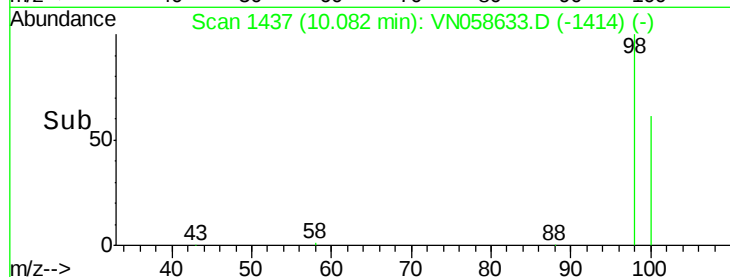
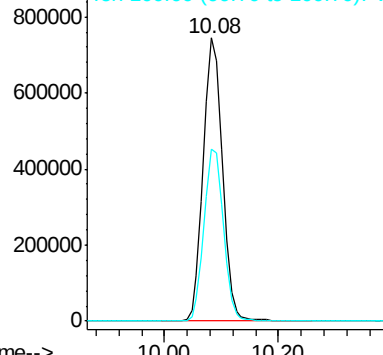
98 100

100 60.9 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#7

4-Bromofluorobenzene

Concen: 4.583 ug/l

RT: 12.40 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VN058633.D

Acq: 9 Oct 2019 11:18

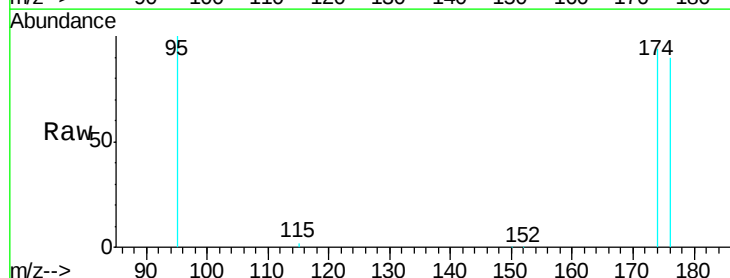
Tgt Ion: 95 Resp: 771241

Ion Ratio Lower Upper

95 100

174 93.6 0.0 153.4

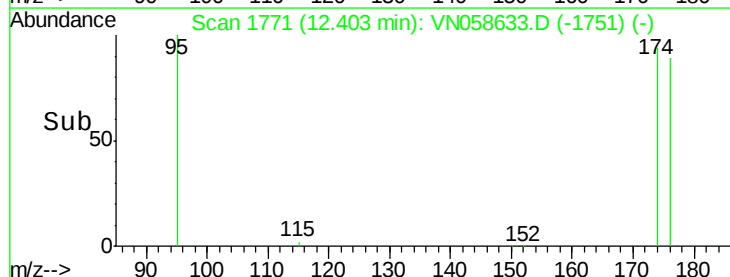
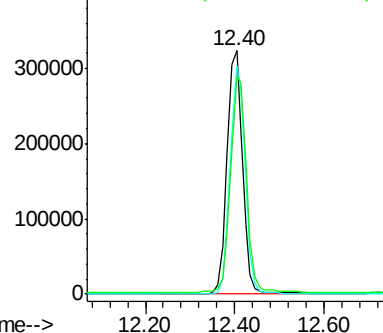
176 89.5 0.0 142.2

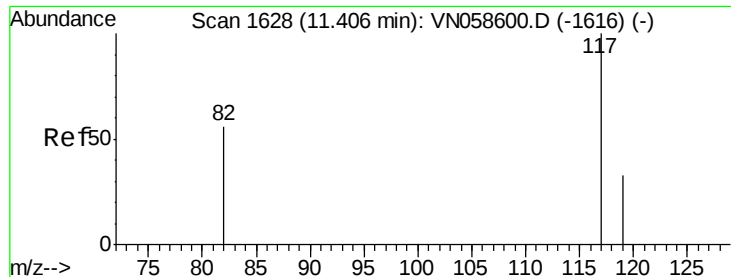


Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN

Ion 176.00 (175.70 to 176.70): VN





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VN058633.D

Acq: 9 Oct 2019 11:18

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0017

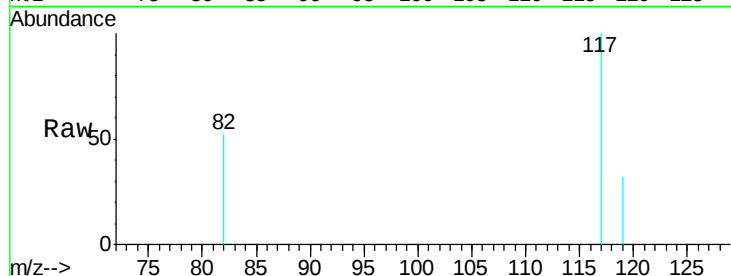
Tgt Ion:117 Resp: 2157153

Ion Ratio Lower Upper

117 100

82 52.4 44.7 67.1

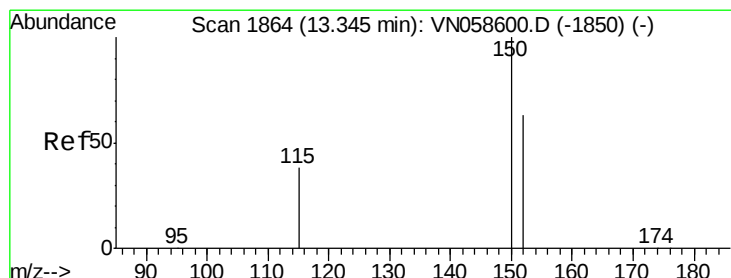
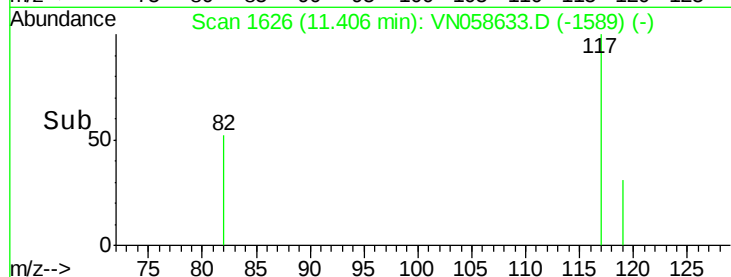
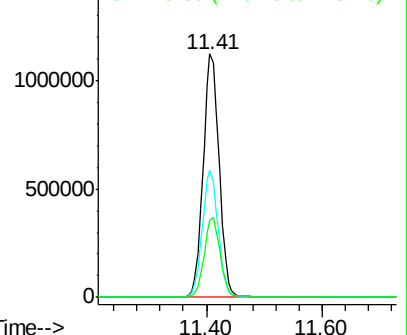
119 31.9 27.0 40.4



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# 1862

Delta R.T. 0.01 min

Lab File: VN058633.D

Acq: 9 Oct 2019 11:18

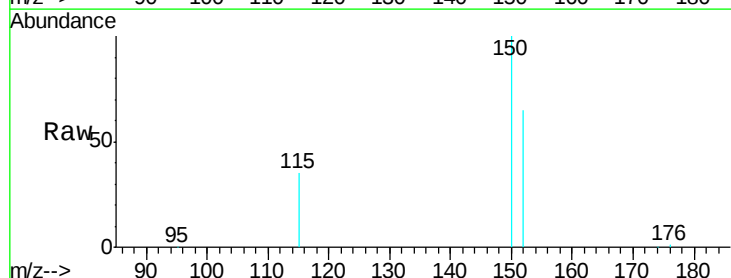
Tgt Ion:152 Resp: 787736

Ion Ratio Lower Upper

152 100

115 54.1 29.9 89.8

150 154.4 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

