

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100919\
 Data File : VN058637.D
 Acq On : 9 Oct 2019 12:46
 Operator : JC/SP
 Sample : K5260-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0010

Quant Time: Oct 10 01:18:04 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	1546269	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2272580	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2047337	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	747701	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	955270	5.17	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	103.40%
5) Dibromofluoromethane	7.57	113	754176	5.27	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	105.40%
6) Toluene-d8	10.08	98	1619900	5.01	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	100.20%
7) 4-Bromofluorobenzene	12.40	95	732261	4.62	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	92.40%

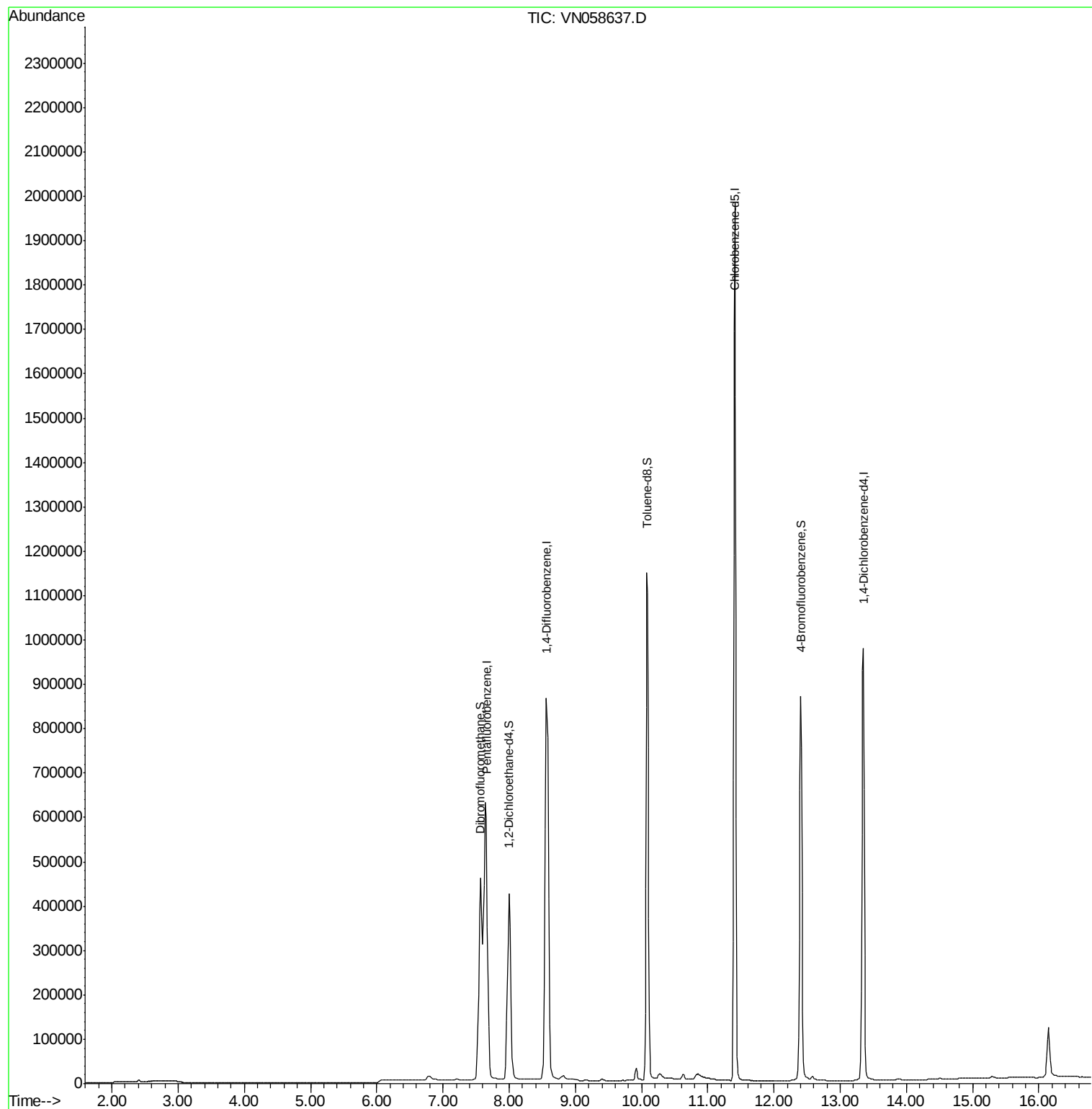
Target Compounds	Qvalue

(#) = 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# 1243

Delta R.T. 0.00 min

Lab File: VN058637.D

Acq: 9 Oct 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

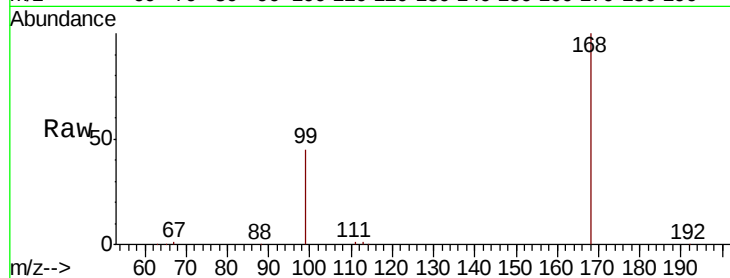
FA19-MMW0010

Tot Ion:168 Resp: 1546269

Ion Ratio Lower Upper

168 100

99 45.0 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VNO

7.65

400000

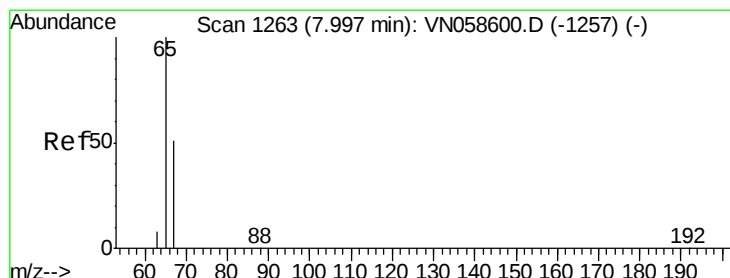
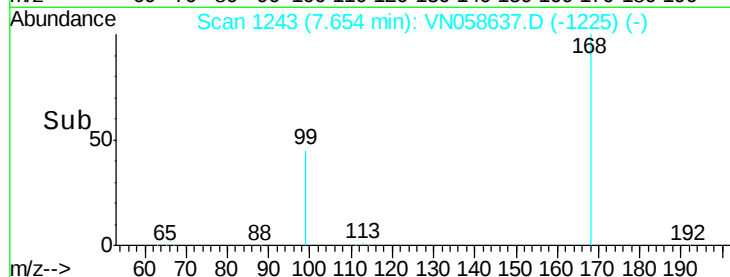
300000

200000

100000

0

Time-->



#3

1,2-Dichloroethane-d4

Concen: 5.171 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058637.D

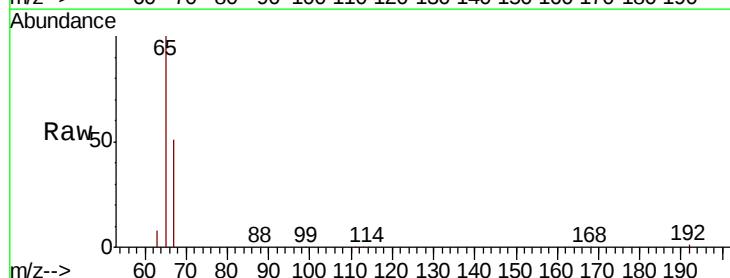
Acq: 9 Oct 2019 12:46

Tgt Ion: 65 Resp: 955270

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

8.00

300000

250000

200000

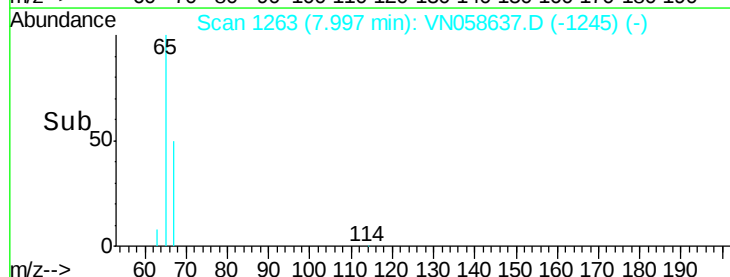
150000

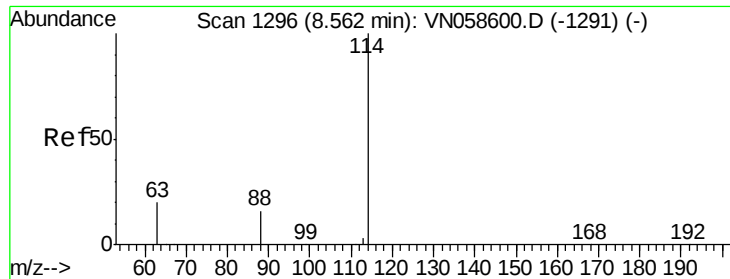
100000

50000

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: VN058637.D

Acq: 9 Oct 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0010

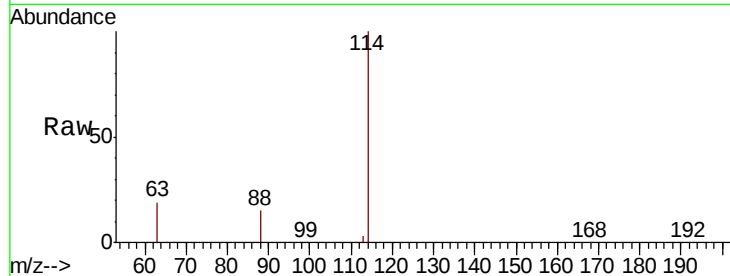
Tot Ion:114 Resp: 2272580

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.6

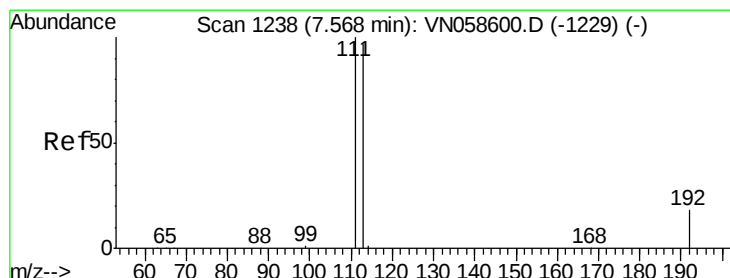
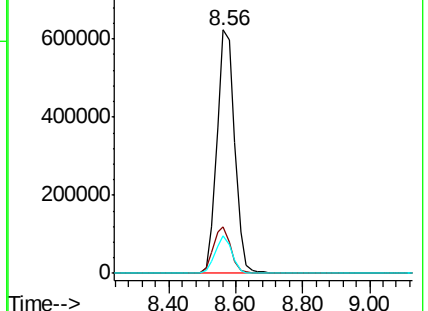
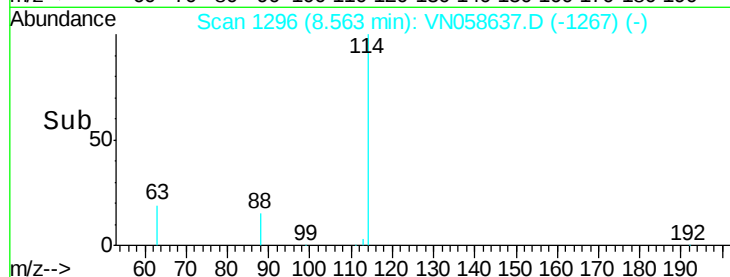
88 15.3 0.0 32.4



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: 5.268 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058637.D

Acq: 9 Oct 2019 12:46

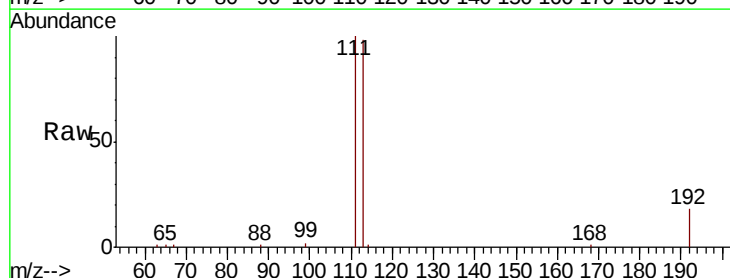
Tgt Ion:113 Resp: 754176

Ion Ratio Lower Upper

113 100

111 101.7 82.5 123.7

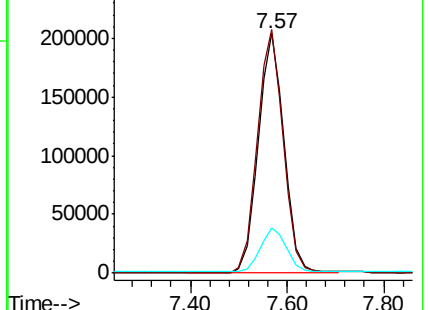
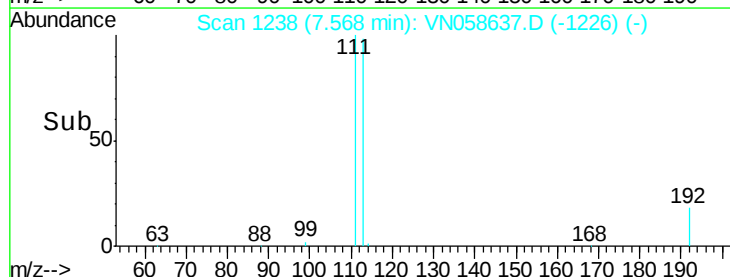
192 18.7 14.9 22.3

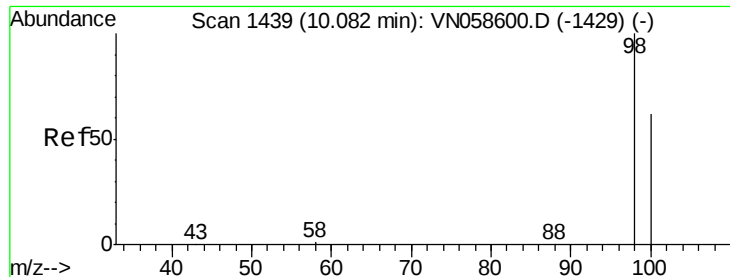


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.008 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058637.D

Acq: 9 Oct 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

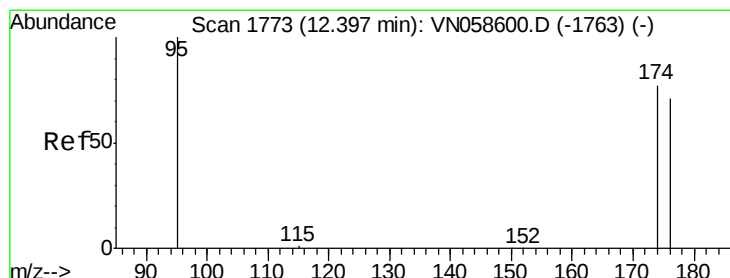
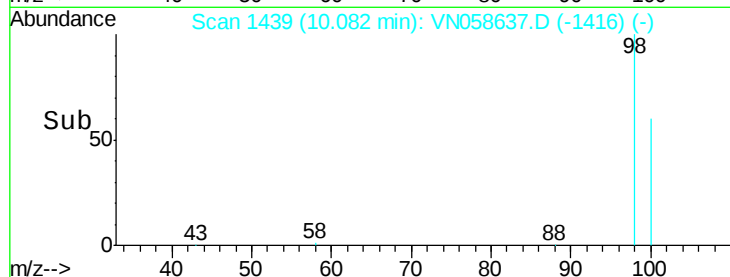
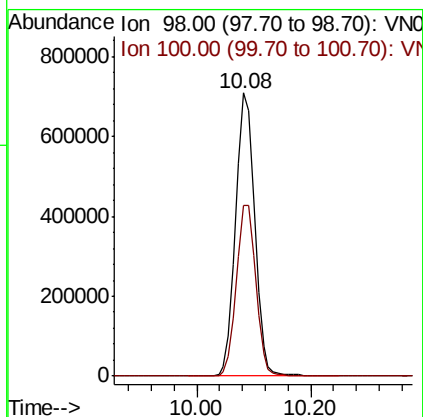
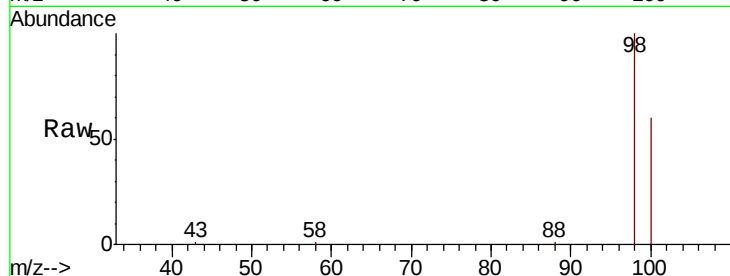
FA19-MMW0010

Tot Ion: 98 Resp: 1619900

Ion Ratio Lower Upper

98 100

100 60.2 49.4 74.2



#7

4-Bromofluorobenzene

Concen: 4.620 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.01 min

Lab File: VN058637.D

Acq: 9 Oct 2019 12:46

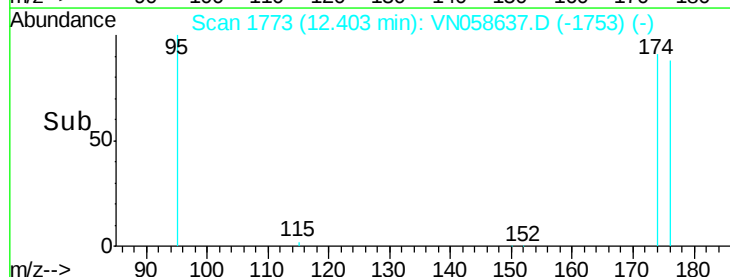
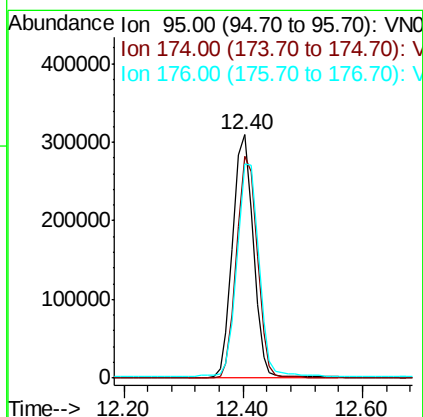
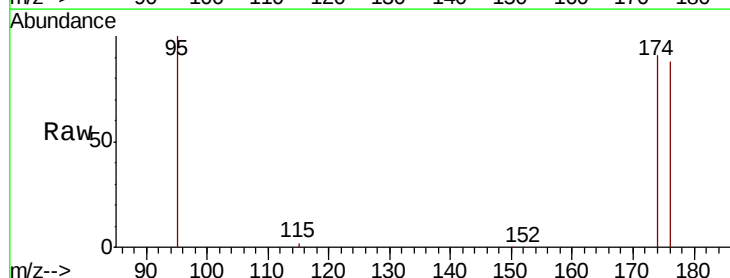
Tgt Ion: 95 Resp: 732261

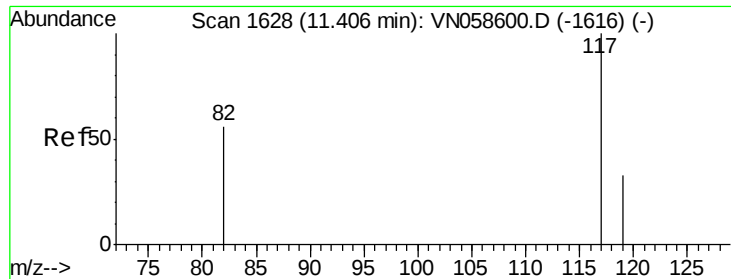
Ion Ratio Lower Upper

95 100

174 91.0 0.0 153.4

176 87.9 0.0 142.2





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058637.D

Acq: 9 Oct 2019 12:46

Instrument :

MSVOA_N

ClientSampled :

FA19-MMW0010

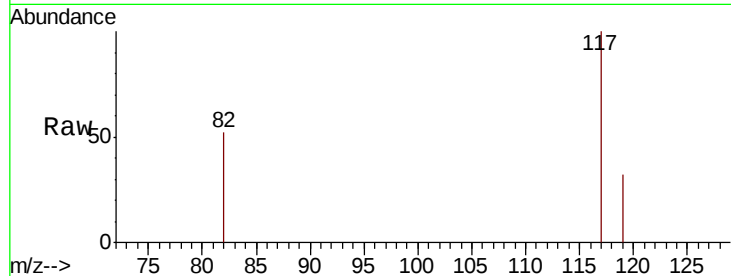
Tot Ion:117 Resp: 2047337

Ion Ratio Lower Upper

117 100

82 52.4 44.7 67.1

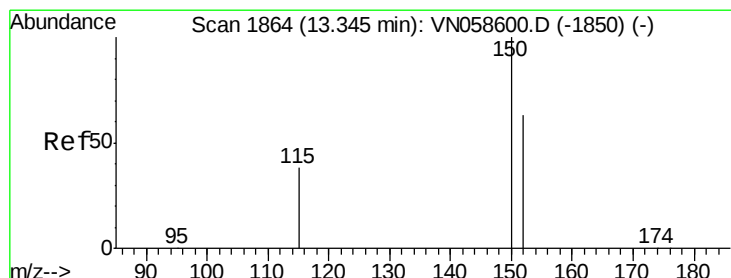
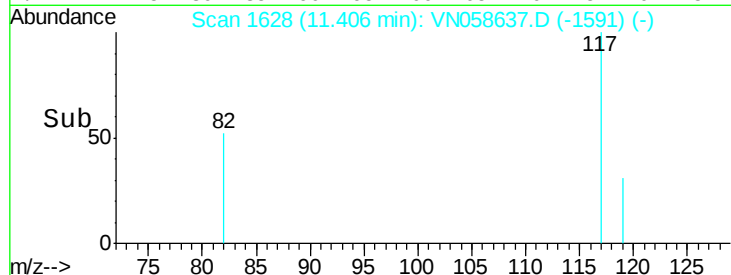
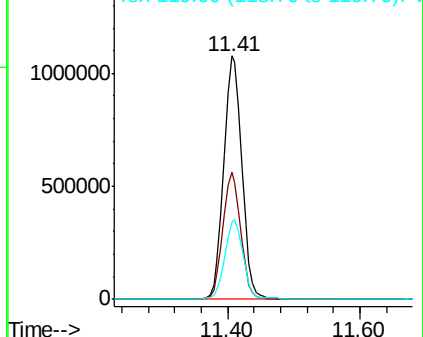
119 31.8 27.0 40.4



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: VN058637.D

Acq: 9 Oct 2019 12:46

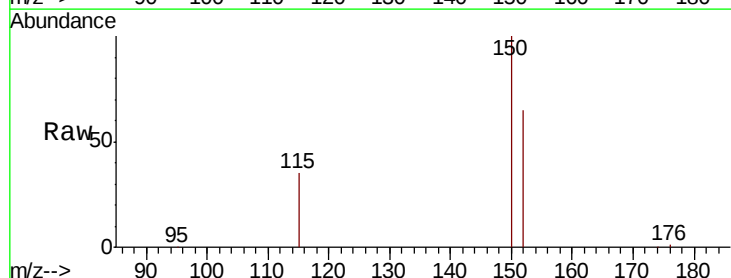
Tgt Ion:152 Resp: 747701

Ion Ratio Lower Upper

152 100

115 53.7 29.9 89.8

150 154.0 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

