

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058621.D
 Acq On : 8 Oct 2019 19:08
 Operator : JC/SP
 Sample : K5234-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0019

Quant Time: Oct 09 04:17:38 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	7.65	168	1852124	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2783711	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2485629	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	931701	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	1135023	5.13	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	102.60%
5) Dibromofluoromethane	7.57	113	893400	5.09	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	101.80%
6) Toluene-d8	10.08	98	1946763	4.91	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	98.20%
7) 4-Bromofluorobenzene	12.40	95	902609	4.65	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	93.00%

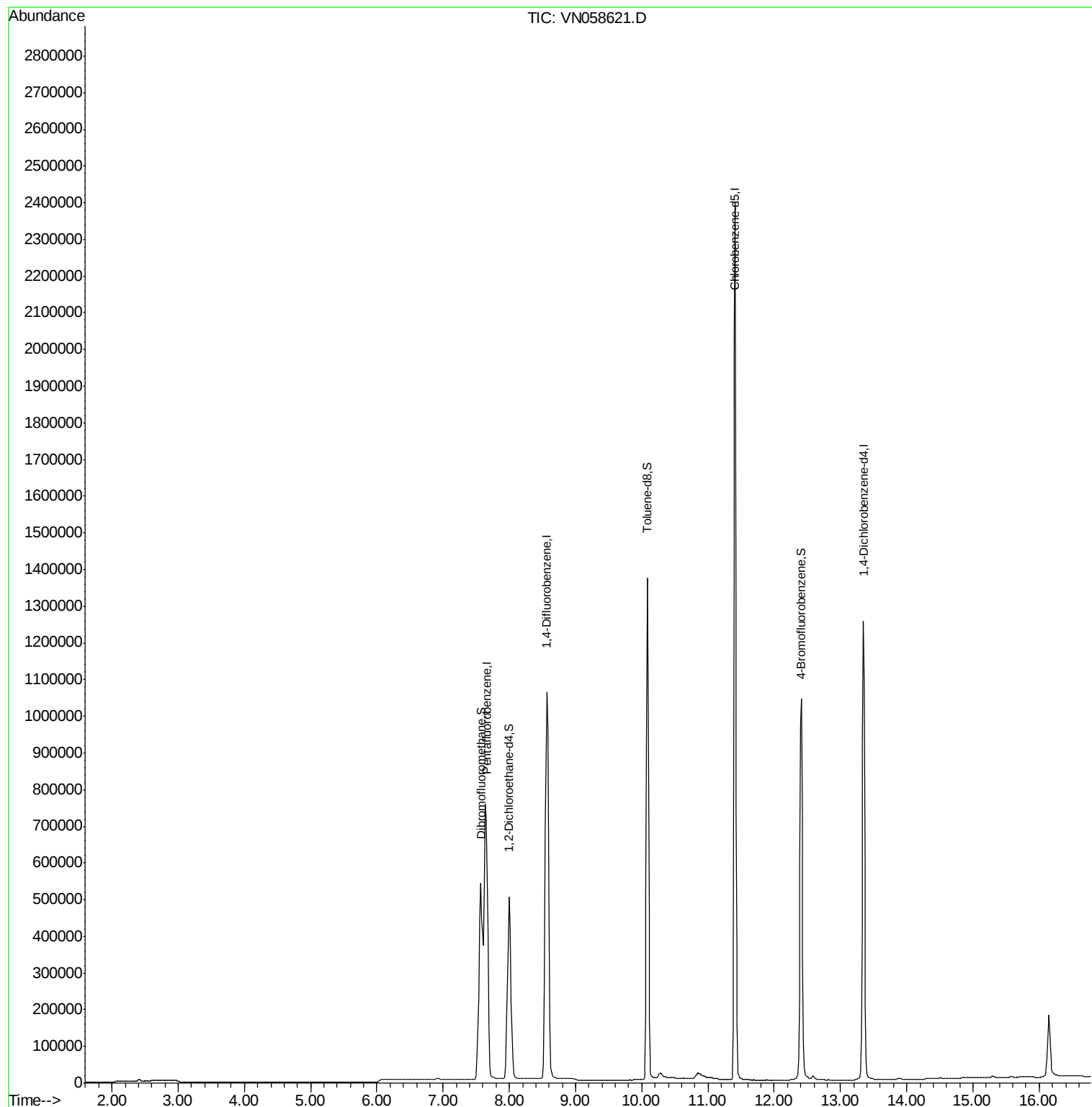
Target Compounds	Qvalue
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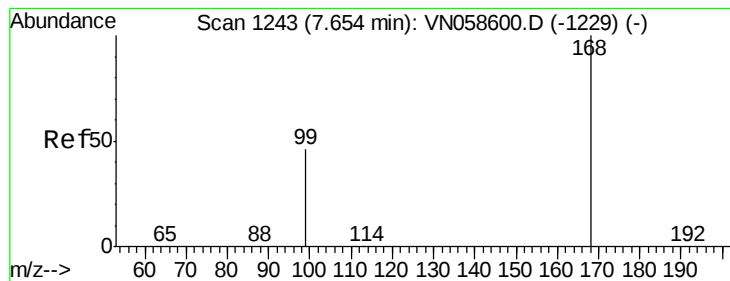
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN058621.D

Acq: 8 Oct 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

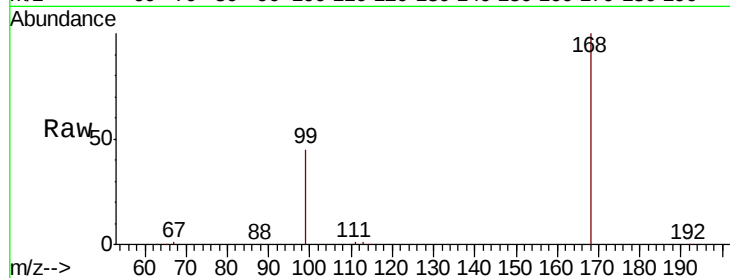
FA19-MMW0019

Tot Ion:168 Resp: 1852124

Ion Ratio Lower Upper

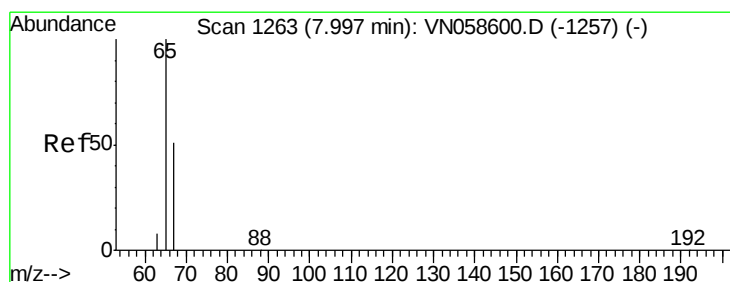
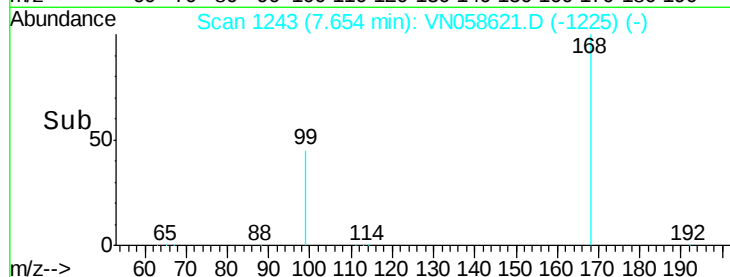
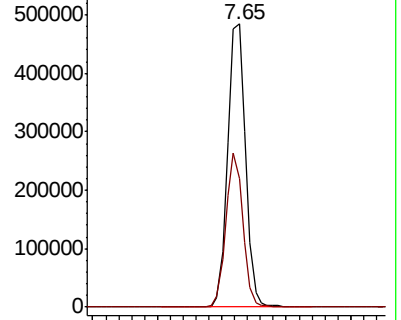
168 100

99 45.4 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: 5.129 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058621.D

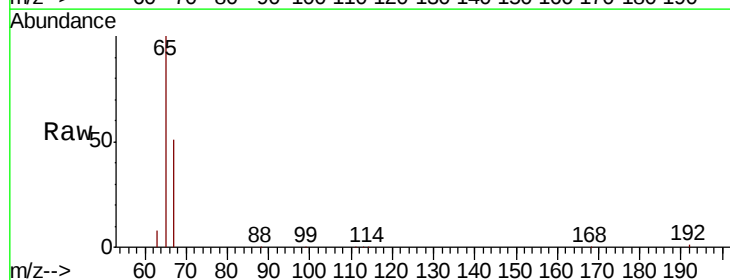
Acq: 8 Oct 2019 19:08

Tgt Ion: 65 Resp: 1135023

Ion Ratio Lower Upper

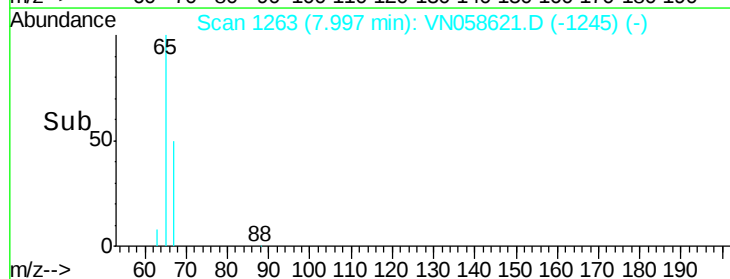
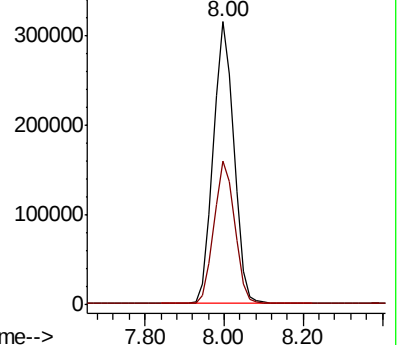
65 100

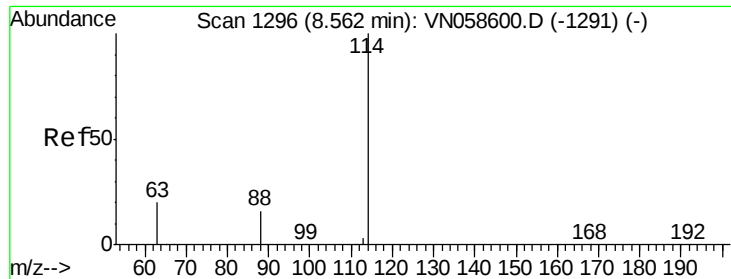
67 50.7 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

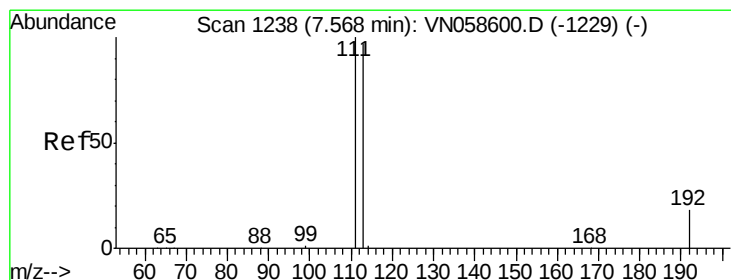
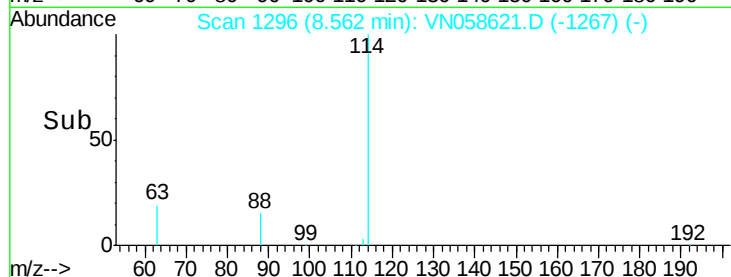
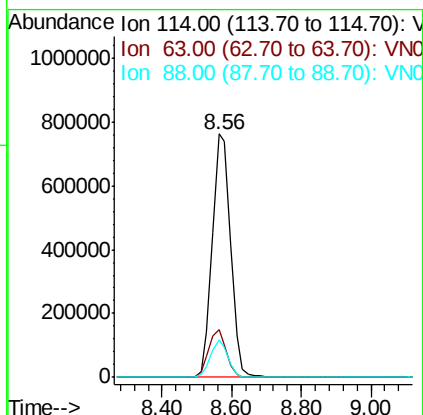
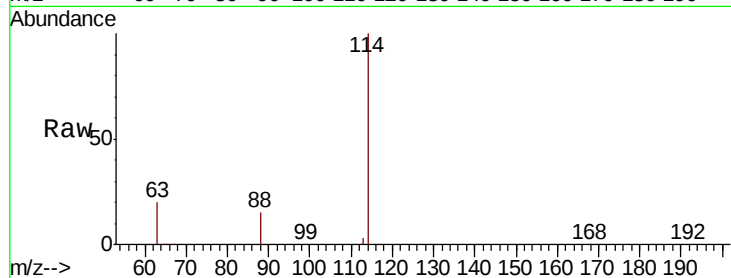




#4
 1,4-Difluorobenzene
 Concen: 5.000 ug/l
 RT: 8.56 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: VN058621.D
 Acq: 8 Oct 2019 19:08

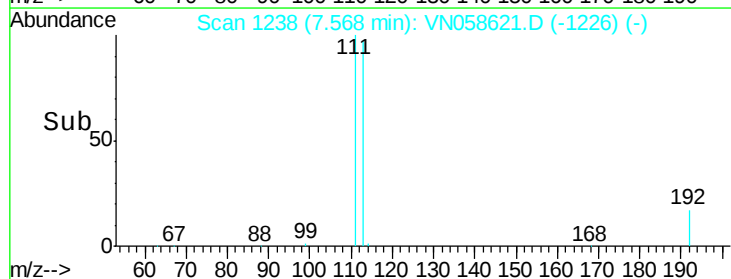
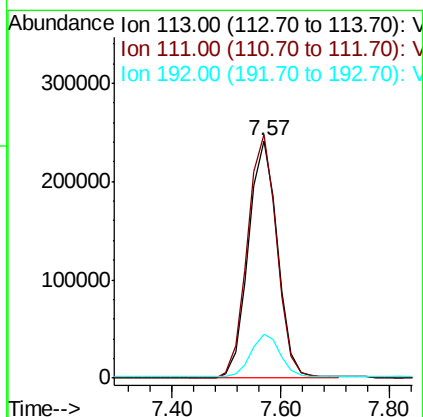
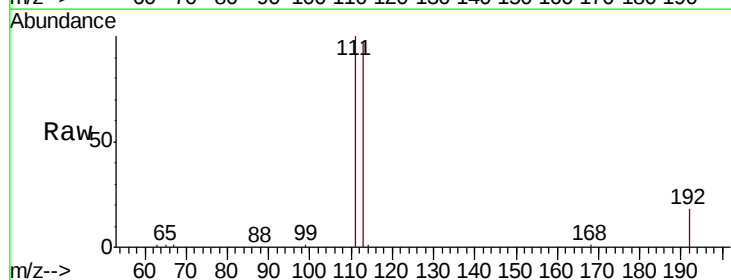
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0019

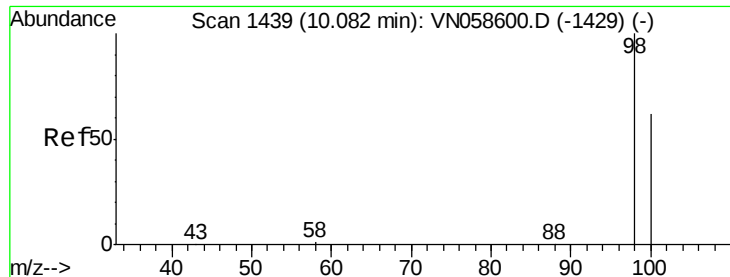
Tot Ion:114 Resp: 2783711
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 15.3 0.0 32.4



#5
 Dibromofluoromethane
 Concen: 5.094 ug/l
 RT: 7.57 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: VN058621.D
 Acq: 8 Oct 2019 19:08

Tgt Ion:113 Resp: 893400
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.5 123.7
 192 18.4 14.9 22.3





#6

Toluene-d8

Concen: 4.913 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058621.D

Acq: 8 Oct 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

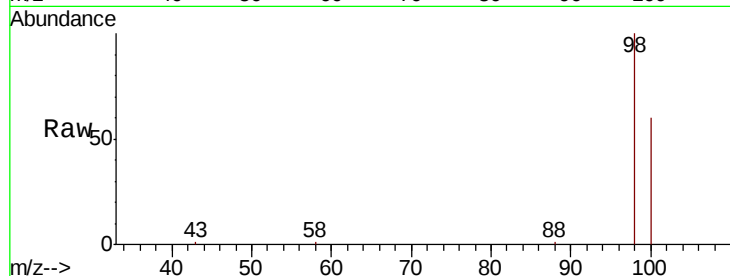
FA19-MMW0019

Tot Ion: 98 Resp: 1946763

Ion Ratio Lower Upper

98 100

100 60.4 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN058621.D (-1416) (-)

Ion 100.00 (99.70 to 100.70): VN058621.D (-1416) (-)

1000000

800000

600000

400000

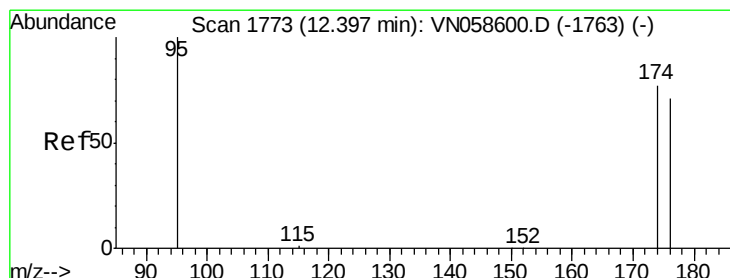
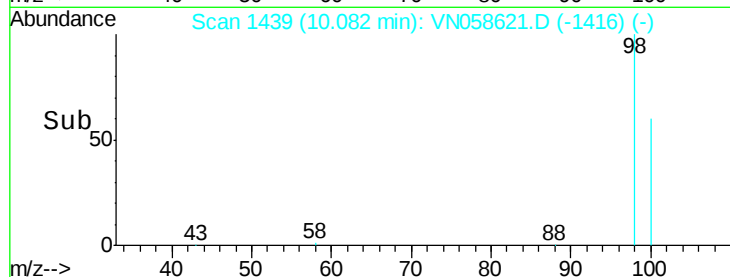
200000

0

10.08

10.00 10.20

Time-->



#7

4-Bromofluorobenzene

Concen: 4.649 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058621.D

Acq: 8 Oct 2019 19:08

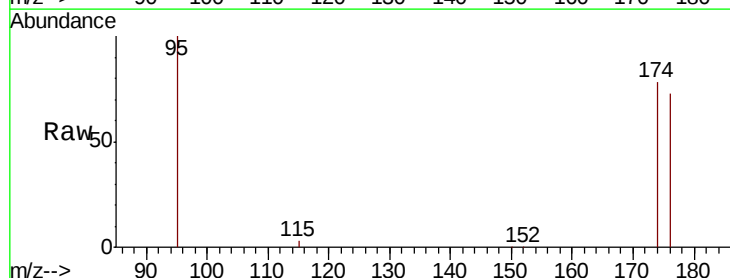
Tgt Ion: 95 Resp: 902609

Ion Ratio Lower Upper

95 100

174 78.0 0.0 153.4

176 72.6 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058621.D (-1754) (-)

Ion 174.00 (173.70 to 174.70): VN058621.D (-1754) (-)

Ion 176.00 (175.70 to 176.70): VN058621.D (-1754) (-)

500000

400000

300000

200000

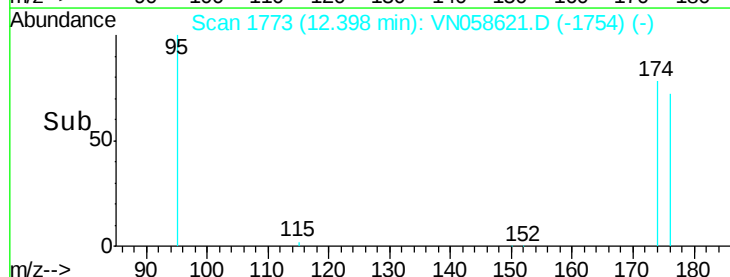
100000

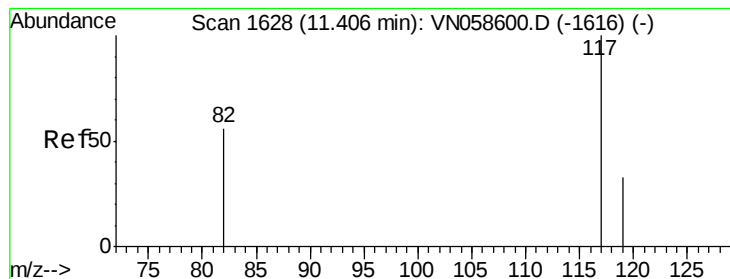
0

12.40

12.20 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: VN058621.D

Acq: 8 Oct 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0019

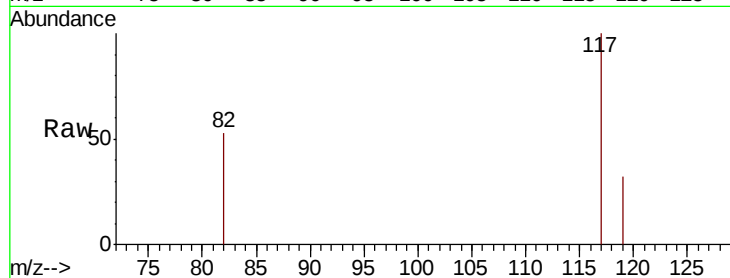
Tot Ion:117 Resp: 2485629

Ion Ratio Lower Upper

117 100

82 53.0 44.7 67.1

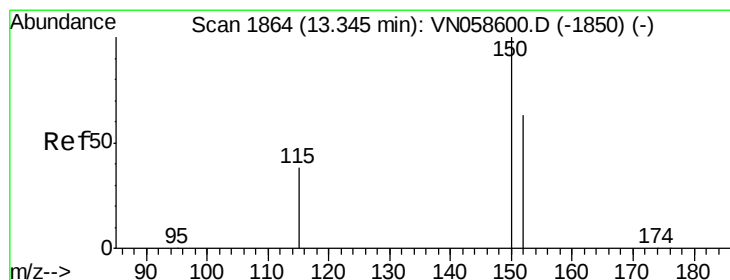
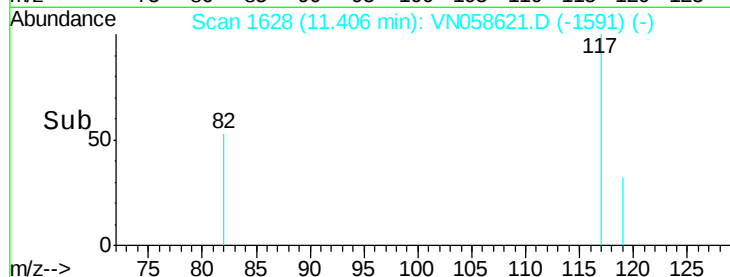
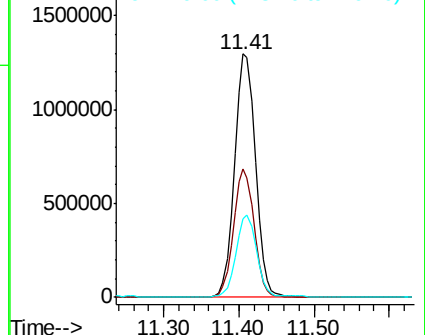
119 32.2 27.0 40.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN058621.D

Acq: 8 Oct 2019 19:08

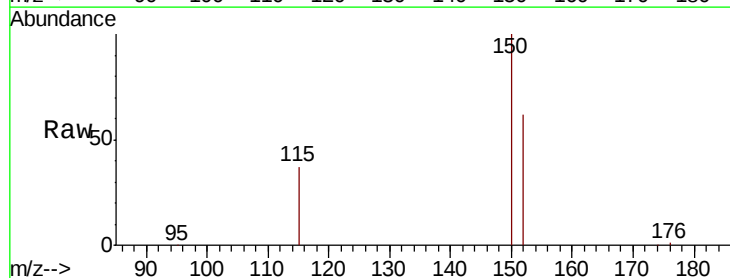
Tgt Ion:152 Resp: 931701

Ion Ratio Lower Upper

152 100

115 59.2 29.9 89.8

150 161.0 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

