

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100919\
 Data File : VN058639.D
 Acq On : 9 Oct 2019 13:30
 Operator : JC/SP
 Sample : K5260-05MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0010MSD

Quant Time: Oct 10 01:18:19 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	1542631	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2285807	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2052620	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	754730	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	954805	5.18	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	103.60%
5) Dibromofluoromethane	7.57	113	752480	5.23	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	104.60%
6) Toluene-d8	10.08	98	1602426	4.92	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	98.40%
7) 4-Bromofluorobenzene	12.40	95	726089	4.55	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	91.00%

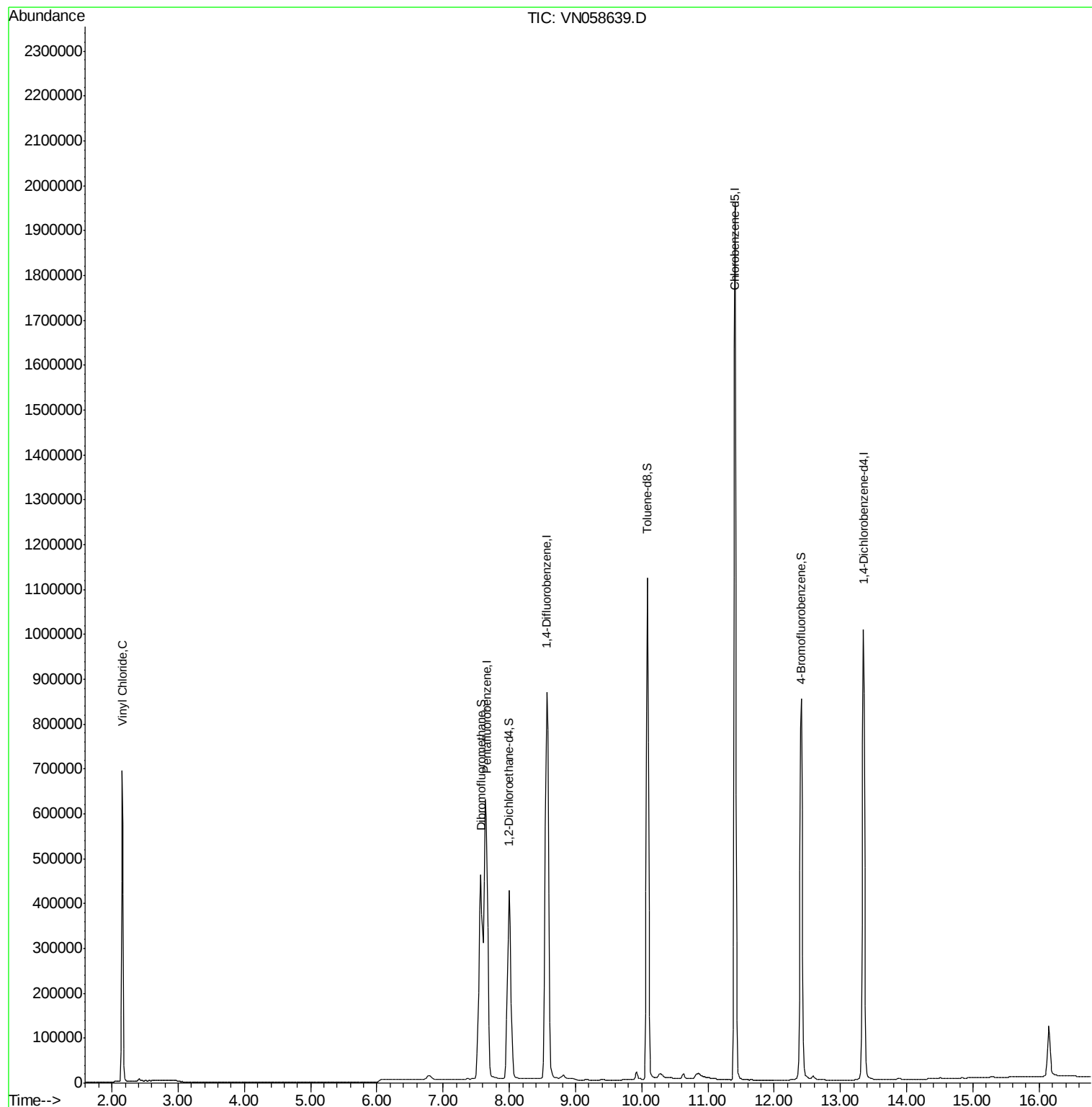
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	789456	5.036 ug/l	98

(#) = 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

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Instrument :

MSVOA_N

ClientSampleId :

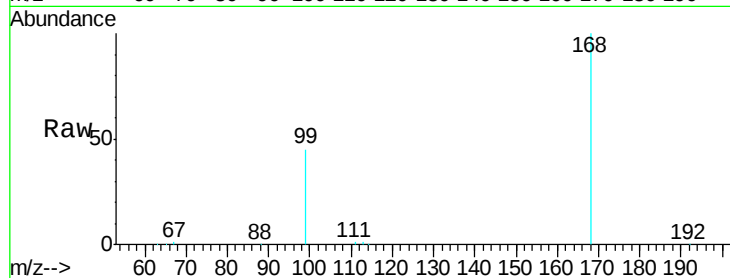
FA19-MMW0010MSD

Tgt Ion:168 Resp: 1542631

Ion Ratio Lower Upper

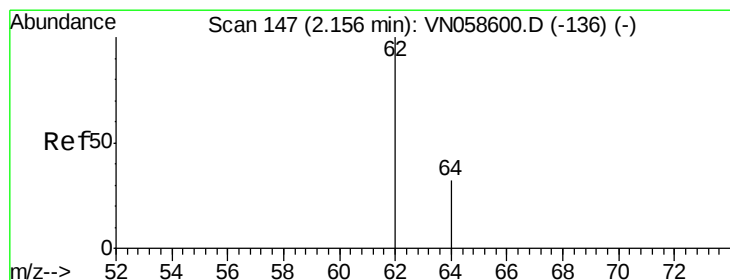
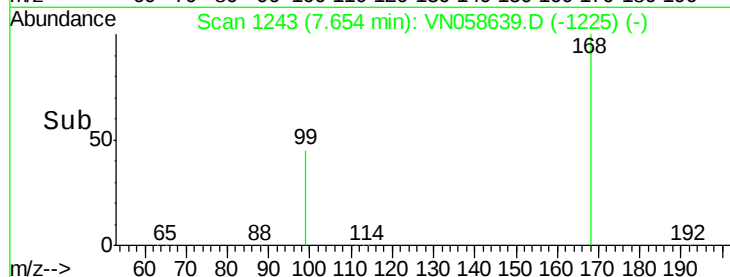
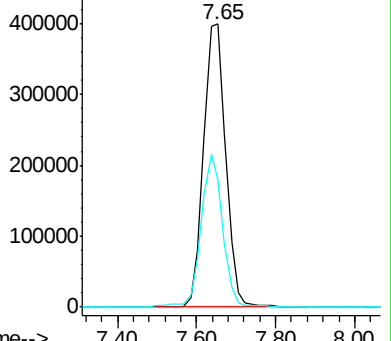
168 100

99 44.8 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VNO



#2

Vinyl Chloride

Concen: 5.036 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058639.D

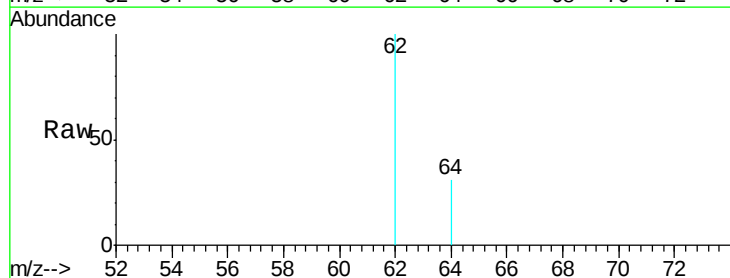
Acq: 9 Oct 2019 13:30

Tgt Ion: 62 Resp: 789456

Ion Ratio Lower Upper

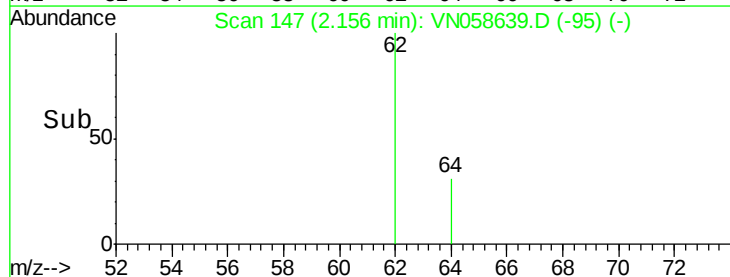
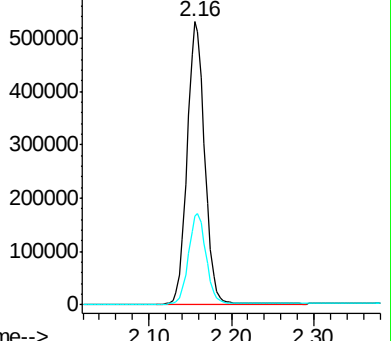
62 100

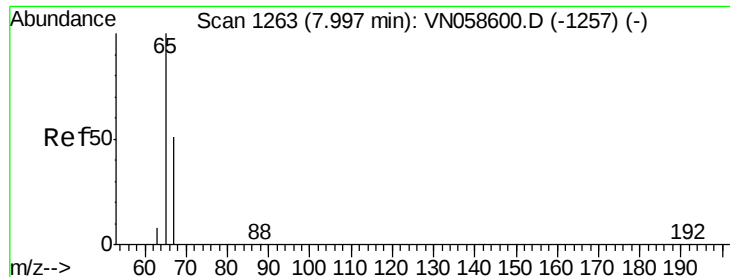
64 31.3 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO





#3

1,2-Dichloroethane-d4

Concen: 5.181 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058639.D

Acq: 9 Oct 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

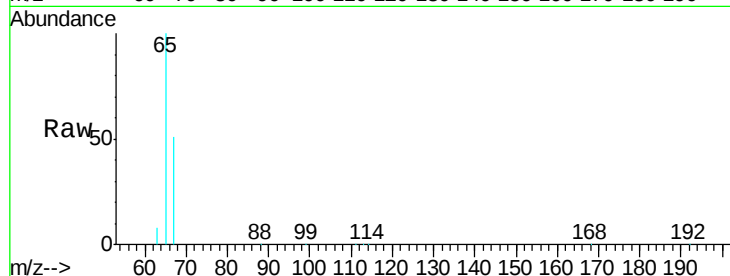
FA19-MMW0010MSD

Tgt Ion: 65 Resp: 954805

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

8.00

250000

200000

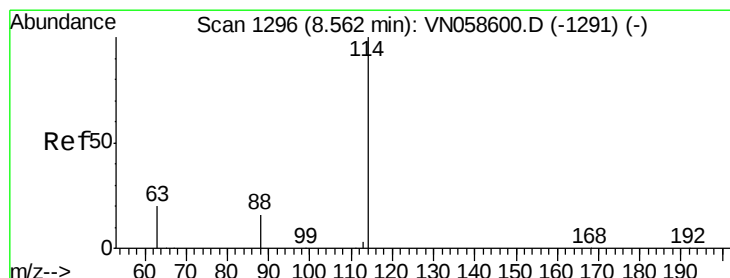
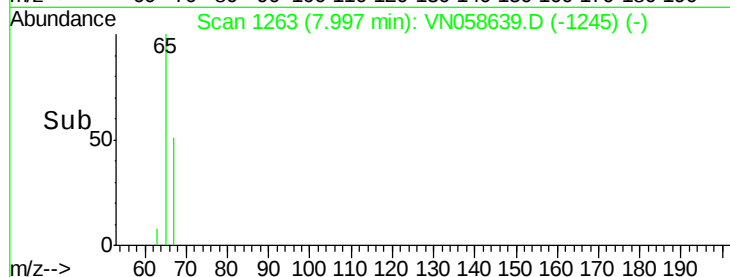
150000

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: VN058639.D

Acq: 9 Oct 2019 13:30

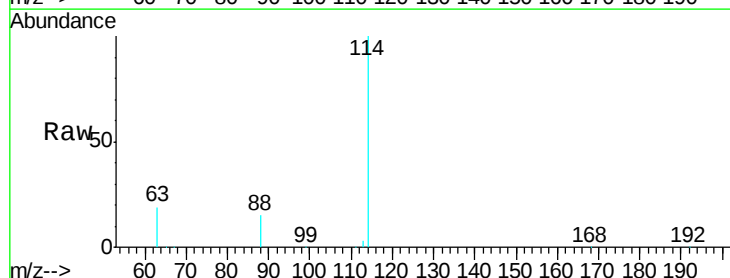
Tgt Ion: 114 Resp: 2285807

Ion Ratio Lower Upper

114 100

63 19.3 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): VN0

Ion 88.00 (87.70 to 88.70): VN0

8.56

800000

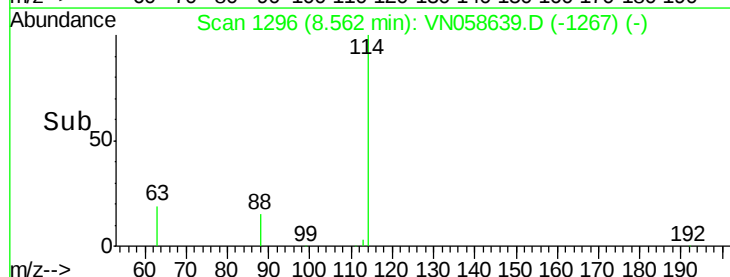
600000

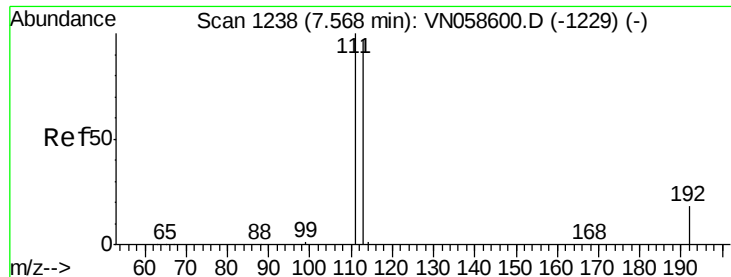
400000

200000

0

Time-->





#5

Dibromofluoromethane

Concen: 5.226 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058639.D

Acq: 9 Oct 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0010MSD

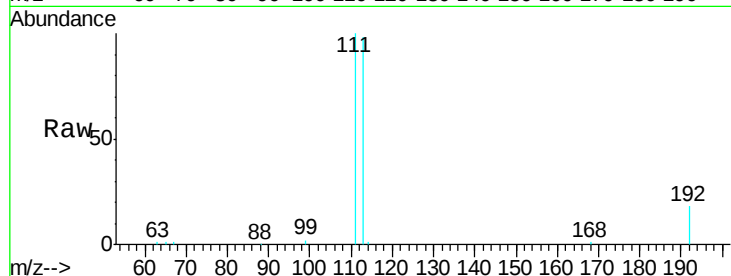
Tgt Ion: 113 Resp: 752480

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

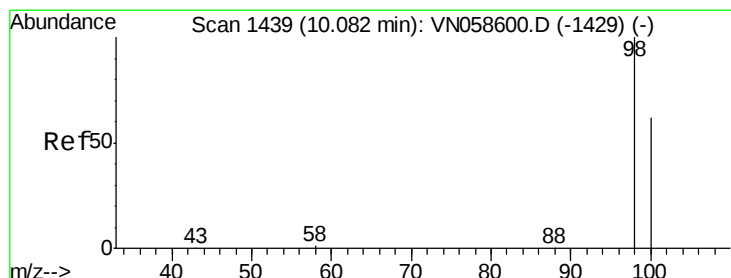
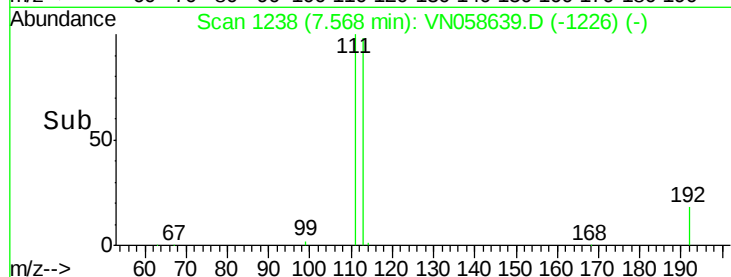
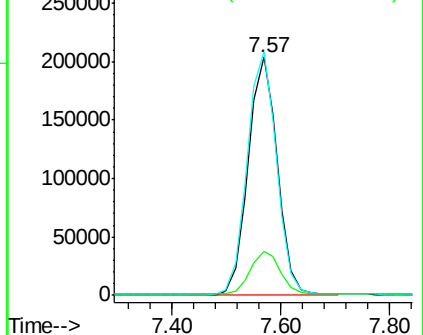
192 18.7 14.9 22.3



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: 4.925 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058639.D

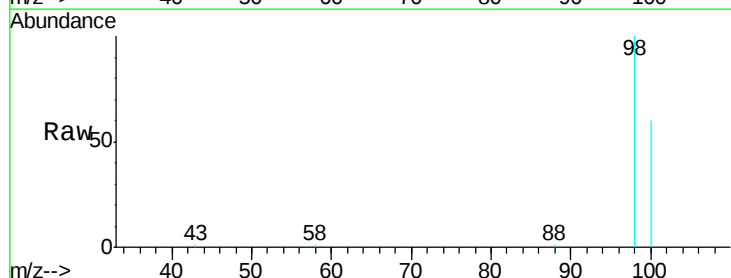
Acq: 9 Oct 2019 13:30

Tgt Ion: 98 Resp: 1602426

Ion Ratio Lower Upper

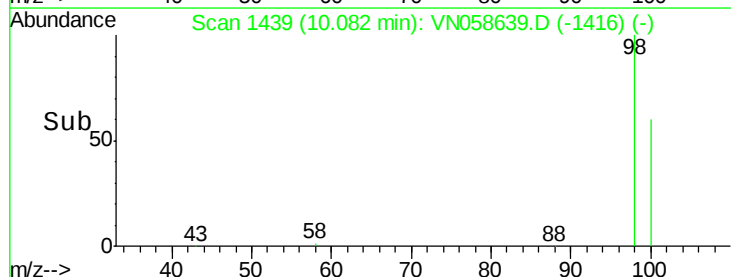
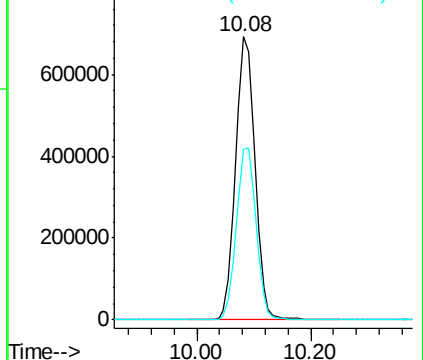
98 100

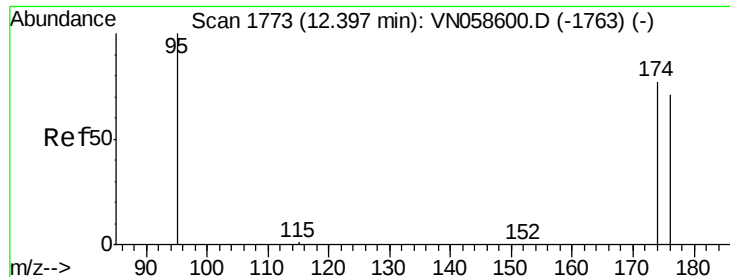
100 60.3 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.555 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058639.D

Acq: 9 Oct 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0010MSD

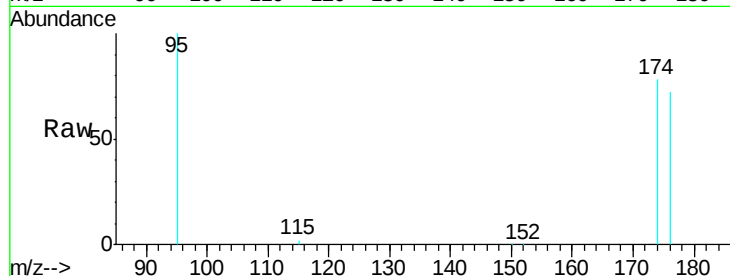
Tgt Ion: 95 Resp: 726089

Ion Ratio Lower Upper

95 100

174 78.0 0.0 153.4

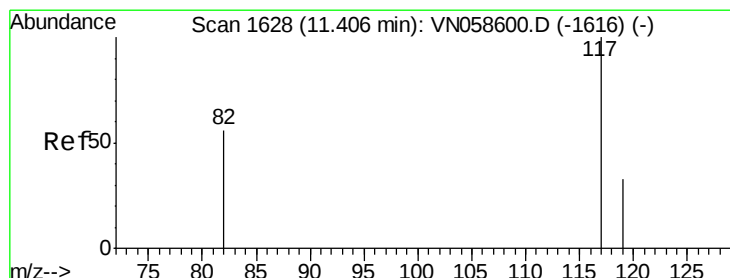
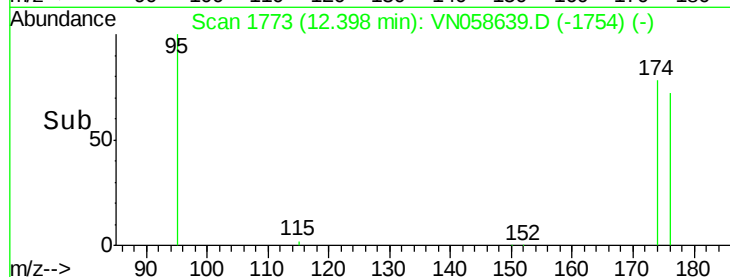
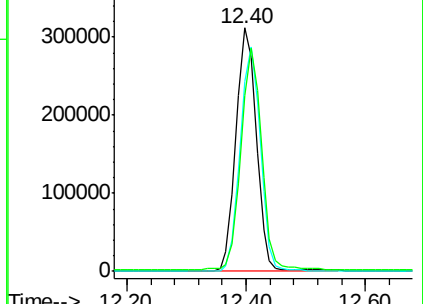
176 72.3 0.0 142.2



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) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058639.D

Acq: 9 Oct 2019 13:30

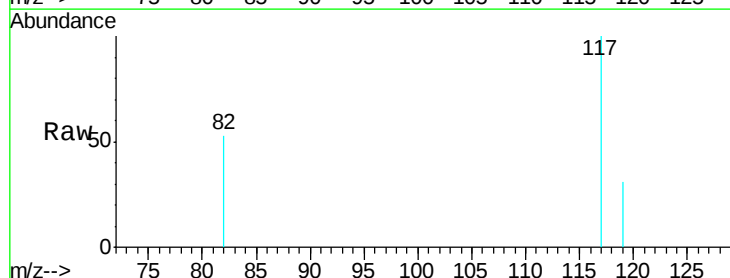
Tgt Ion: 117 Resp: 2052620

Ion Ratio Lower Upper

117 100

82 53.0 44.7 67.1

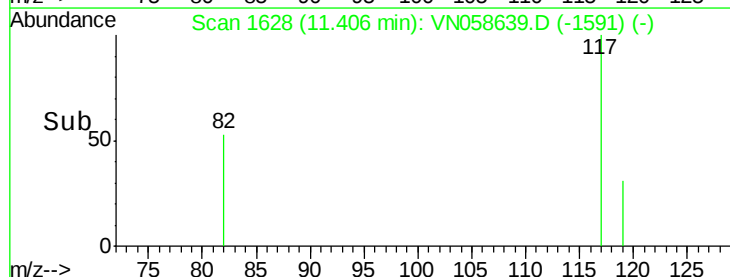
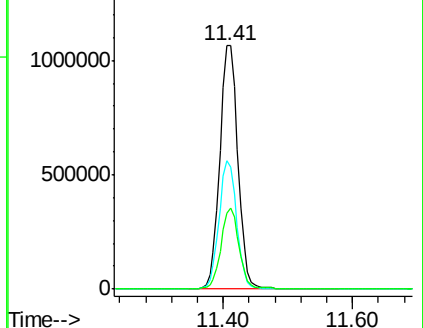
119 31.3 27.0 40.4

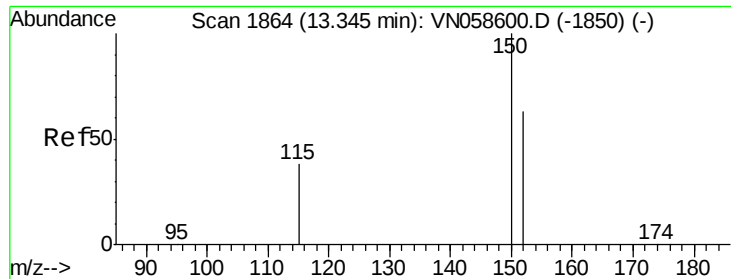


Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058600.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058600.D (-1616) (-)

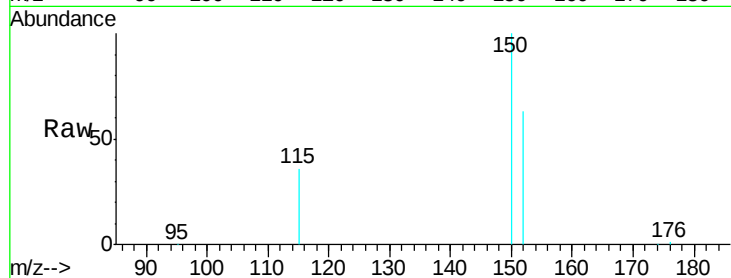




#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN058639.D
 Acq: 9 Oct 2019 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0010MSD

Tgt Ion:152 Resp: 754730
 Ion Ratio Lower Upper
 152 100
 115 57.9 29.9 89.8
 150 158.9 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

