

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058618.D
 Acq On : 8 Oct 2019 18:02
 Operator : JC/SP
 Sample : K5234-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:17:21 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	1892916	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2822361	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2540278	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	952448	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	1194480	5.28	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	105.60%
5) Dibromofluoromethane	7.57	113	938117	5.28	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	105.60%
6) Toluene-d8	10.08	98	2070513	5.15	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	103.00%
7) 4-Bromofluorobenzene	12.40	95	947283	4.81	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	96.20%

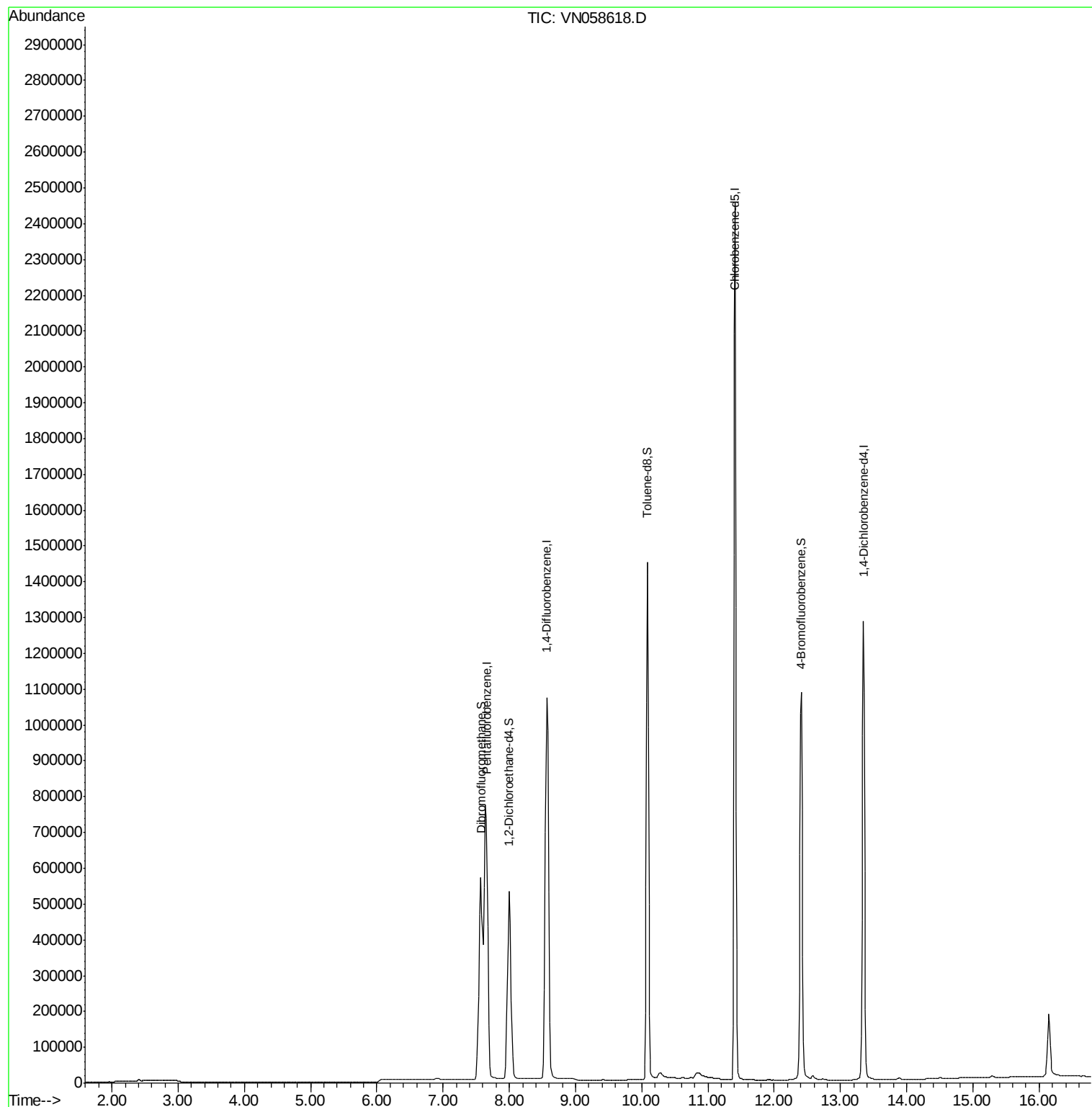
Target Compounds	Qvalue
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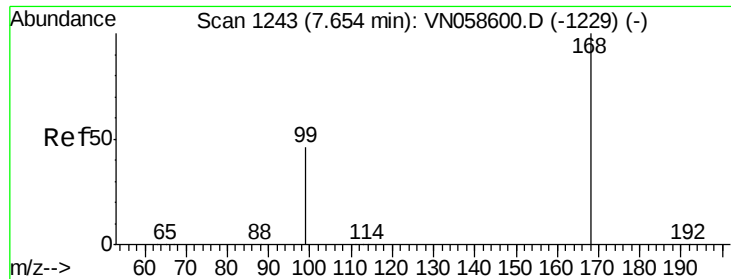
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058618.D

Acq: 8 Oct 2019 18:02

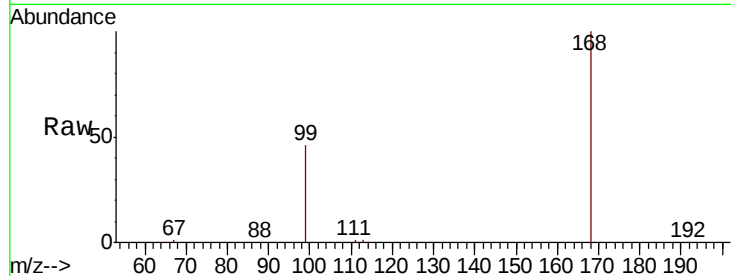
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1892916

Ion Ratio Lower Upper

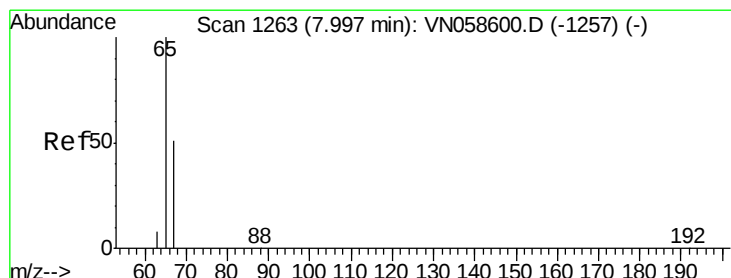
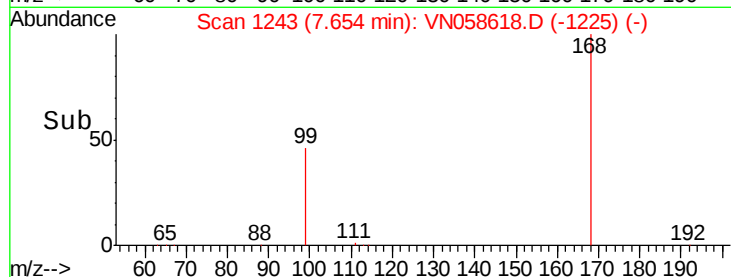
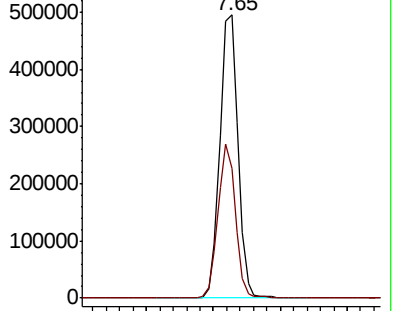
168 100

99 45.8 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: 5.282 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058618.D

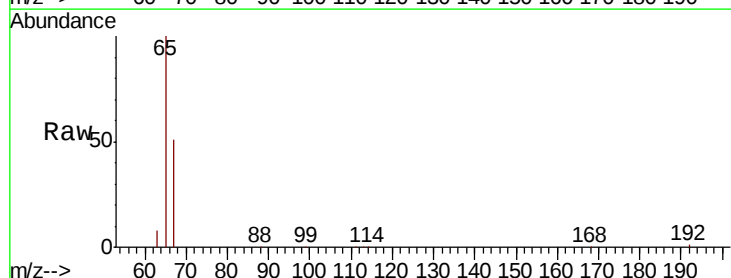
Acq: 8 Oct 2019 18:02

Tgt Ion: 65 Resp: 1194480

Ion Ratio Lower Upper

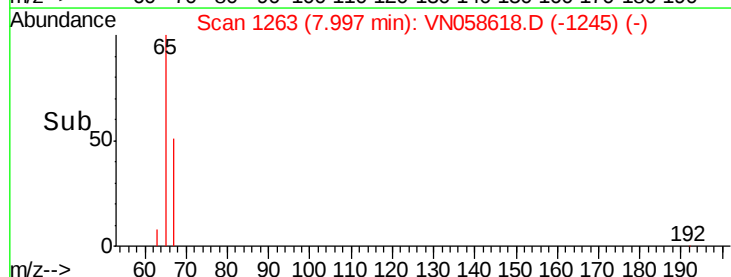
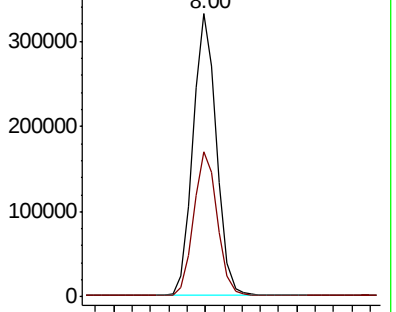
65 100

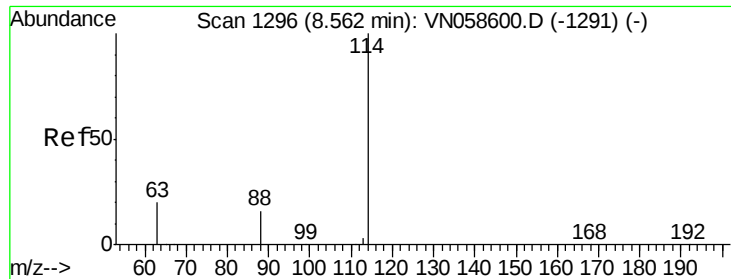
67 51.1 0.0 103.4



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: VN058618.D

Acq: 8 Oct 2019 18:02

Instrument :

MSVOA_N

ClientSampled :

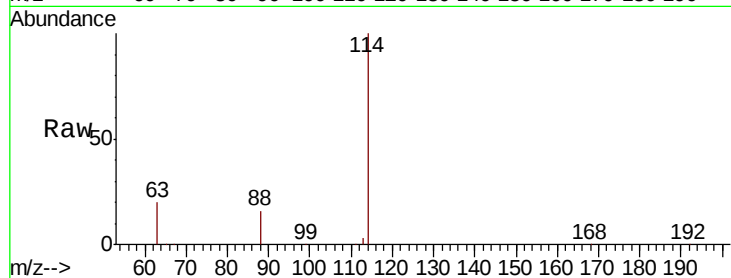
Tot Ion:114 Resp: 2822361

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

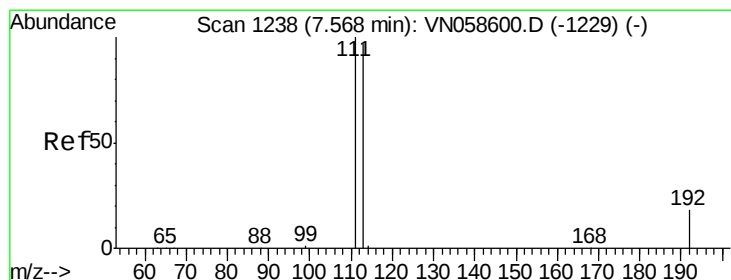
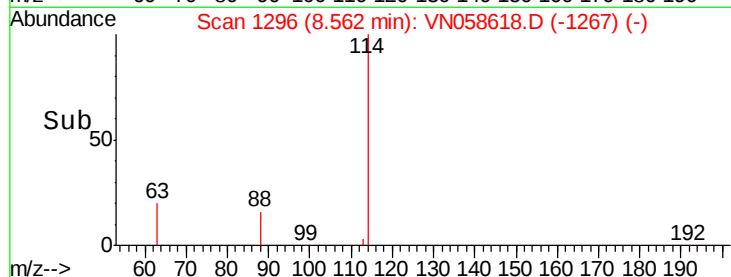
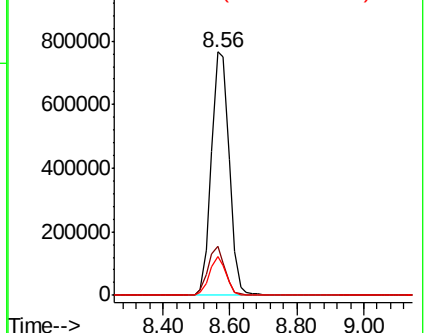
88 15.8 0.0 32.4



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: 5.276 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058618.D

Acq: 8 Oct 2019 18:02

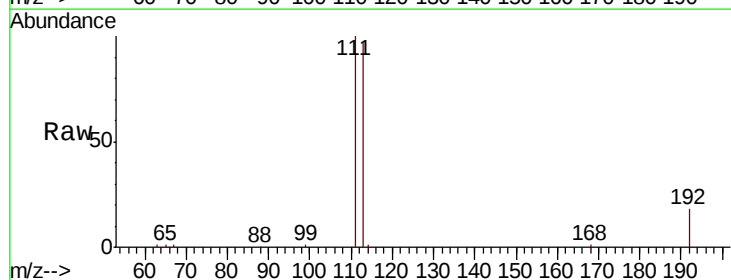
Tgt Ion:113 Resp: 938117

Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

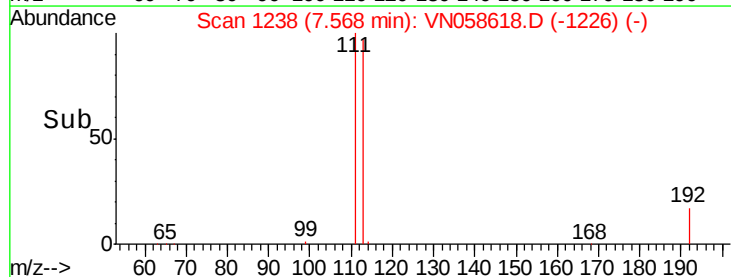
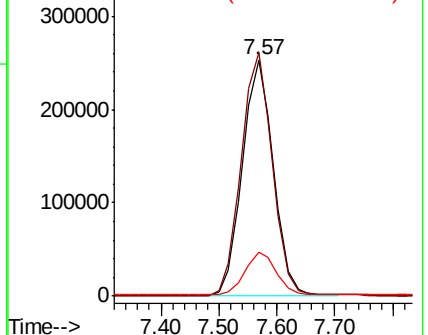
192 18.5 14.9 22.3

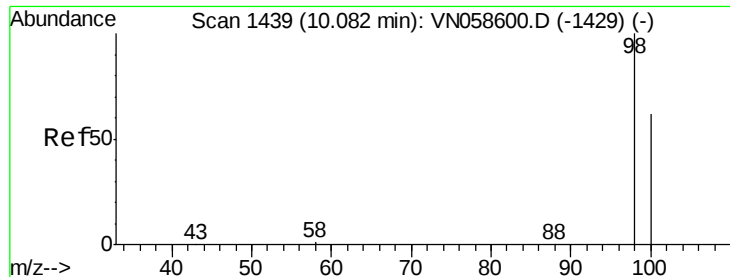


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.154 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058618.D

Acq: 8 Oct 2019 18:02

Instrument :

MSVOA_N

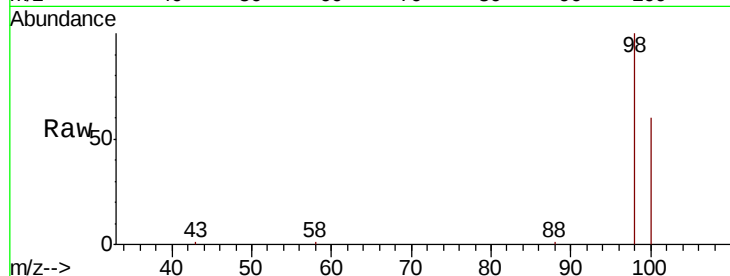
ClientSampleId :

Tot Ion: 98 Resp: 2070513

Ion Ratio Lower Upper

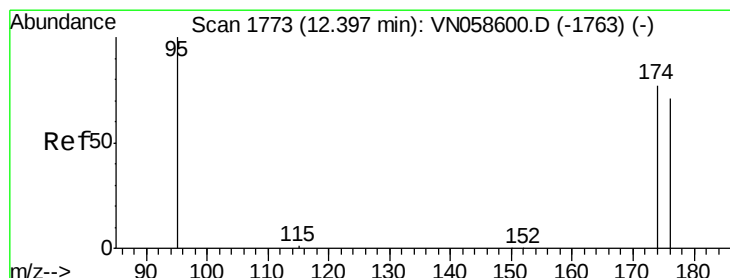
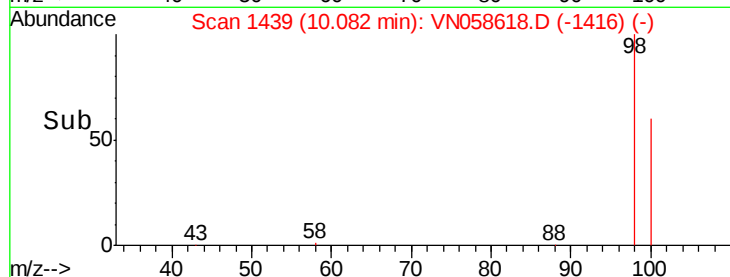
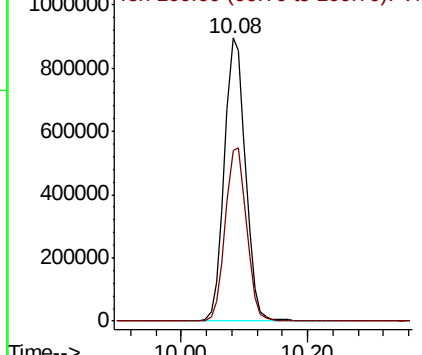
98 100

100 60.4 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: 4.813 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058618.D

Acq: 8 Oct 2019 18:02

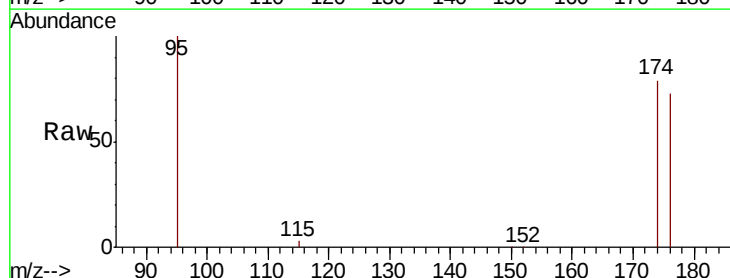
Tgt Ion: 95 Resp: 947283

Ion Ratio Lower Upper

95 100

174 78.6 0.0 153.4

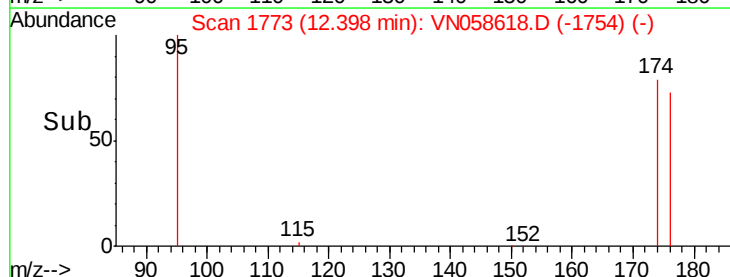
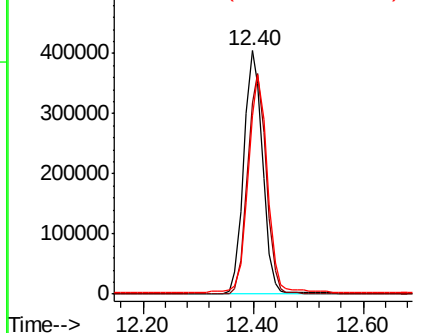
176 73.2 0.0 142.2

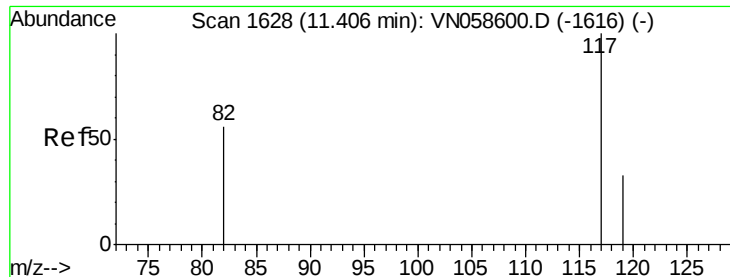


Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

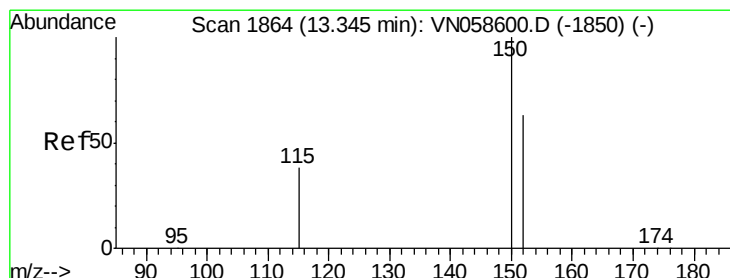
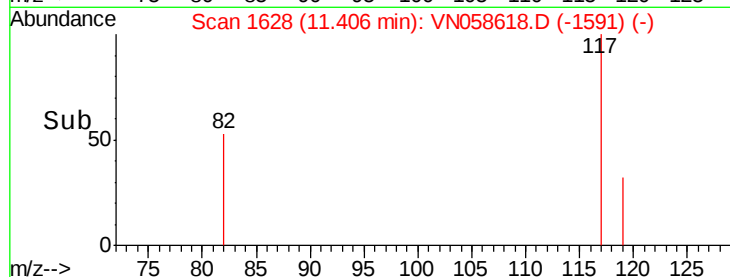
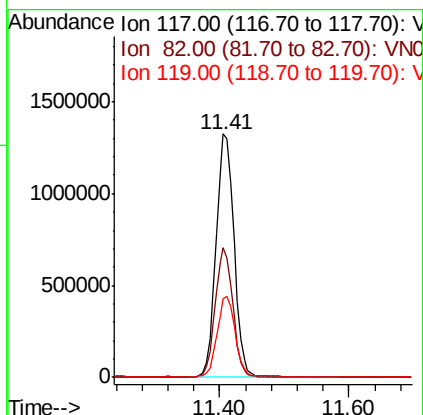
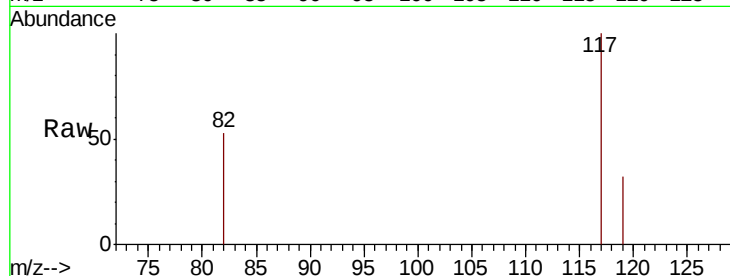




#8
Chlorobenzene-d5
Concen: 5.000 ug/l
RT: 11.41 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN058618.D
Acq: 8 Oct 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 2540278
Ion Ratio Lower Upper
117 100
82 53.2 44.7 67.1
119 32.3 27.0 40.4



#9
1,4-Dichlorobenzene-d4
Concen: 5.000 ug/l
RT: 13.35 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN058618.D
Acq: 8 Oct 2019 18:02

Tgt Ion:152 Resp: 952448
Ion Ratio Lower Upper
152 100
115 58.3 29.9 89.8
150 158.9 0.0 315.8

