

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062819\
 Data File : VN056541.D
 Acq On : 28 Jun 2019 9:20
 Operator : JC/SP
 Sample : VN0628WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBL01

Quant Time: Jun 28 23:36:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062719SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 03:22:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	55735	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.59	114	79614	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	53559	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	7370	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	33267	4.87	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	97.40%
5) Dibromofluoromethane	7.58	113	25398	5.79	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	115.80%
6) Toluene-d8	10.09	98	55290	5.57	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	111.40%
7) 4-Bromofluorobenzene	12.40	95	12589	4.96	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	99.20%

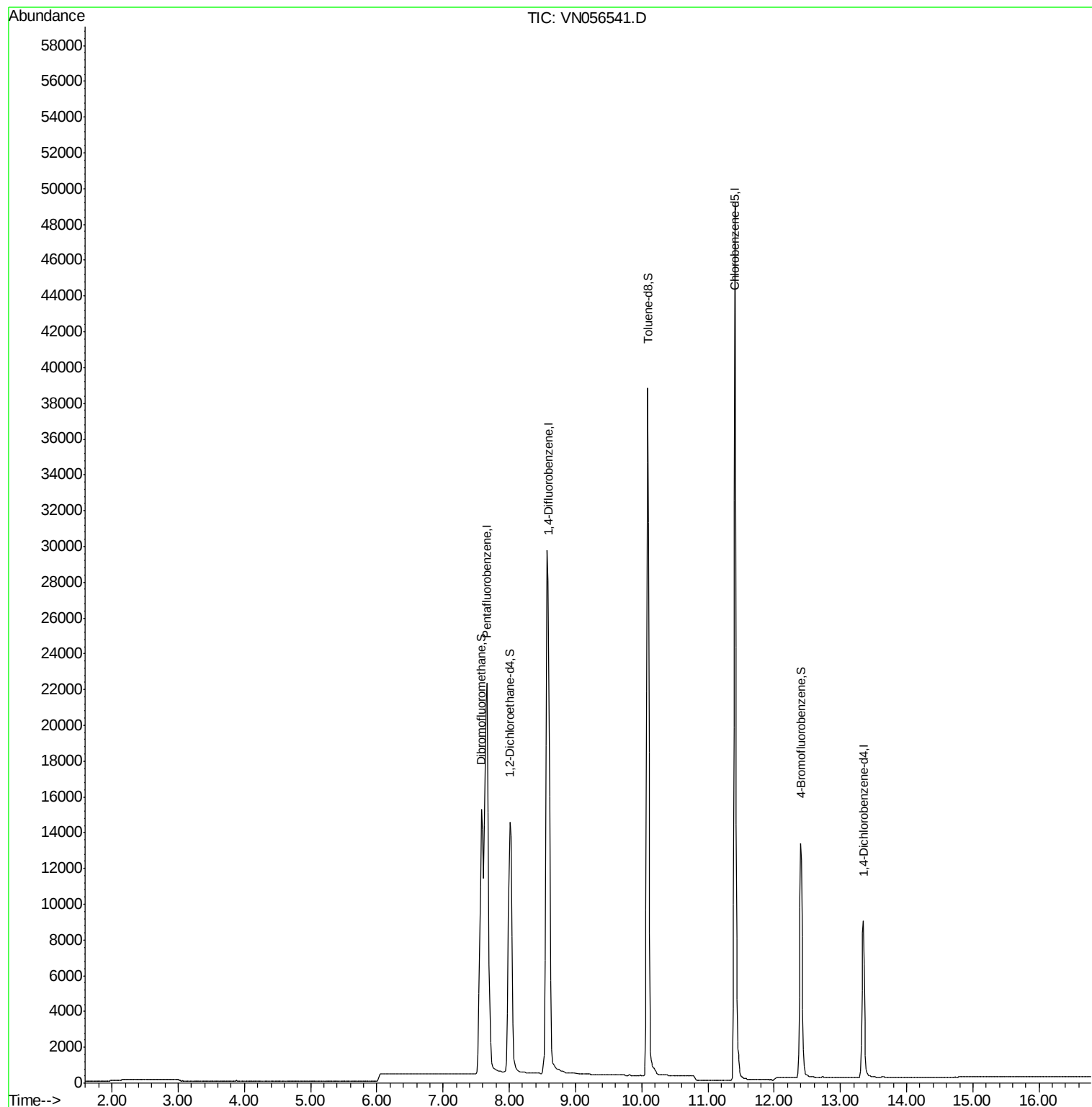
Target Compounds	Qvalue
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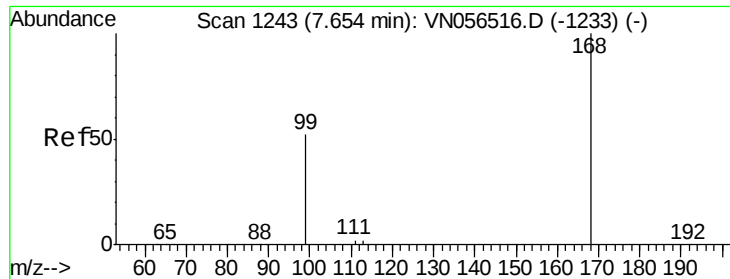
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062819\
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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.66 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

Instrument :

MSVOA_N

ClientSampleId :

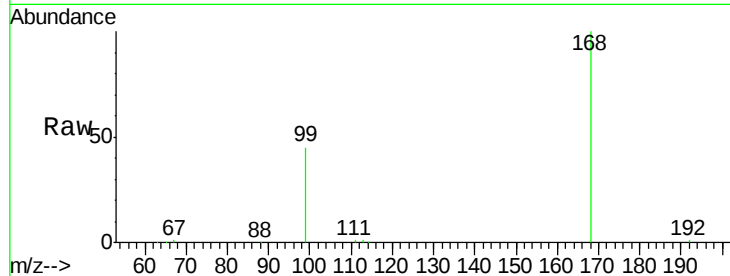
VN0628WBL01

Tot Ion:168 Resp: 55735

Ion Ratio Lower Upper

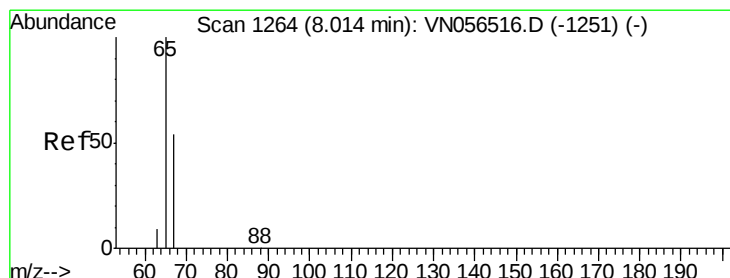
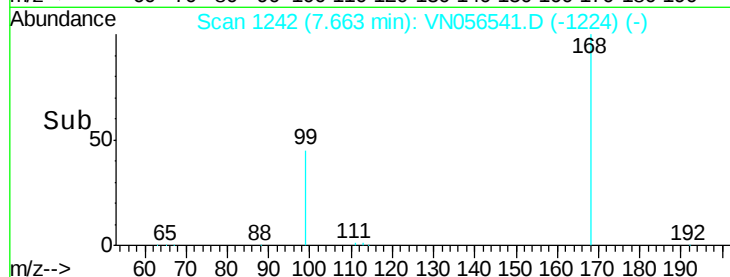
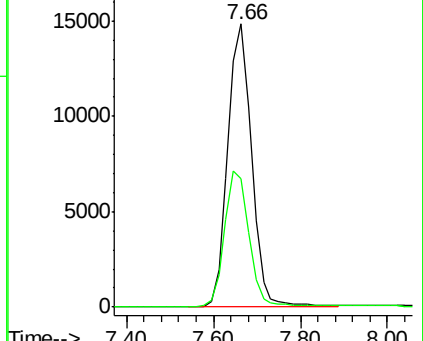
168 100

99 45.4 41.9 62.9



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: 4.873 ug/l

RT: 8.01 min Scan# 1262

Delta R.T. -0.01 min

Lab File: VN056541.D

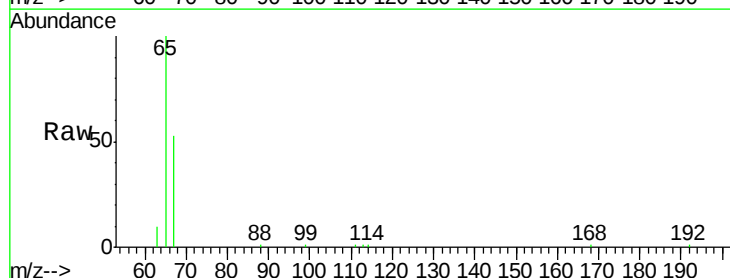
Acq: 28 Jun 2019 9:20

Tgt Ion: 65 Resp: 33267

Ion Ratio Lower Upper

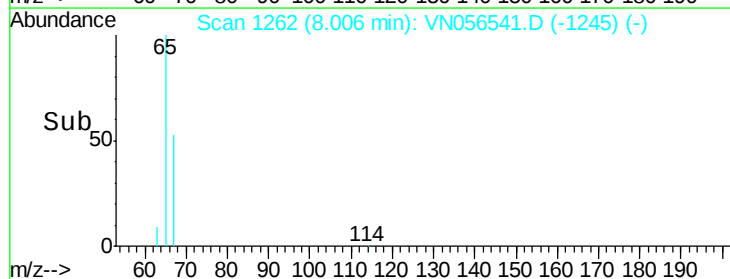
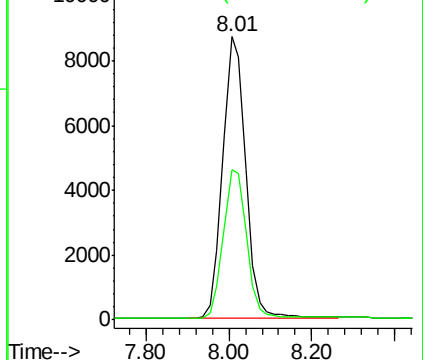
65 100

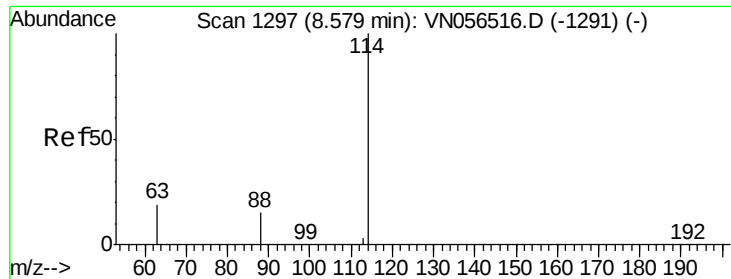
67 53.0 0.0 108.8



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: 8.59 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

Instrument :

MSVOA_N

ClientSampled :

VN0628WBL01

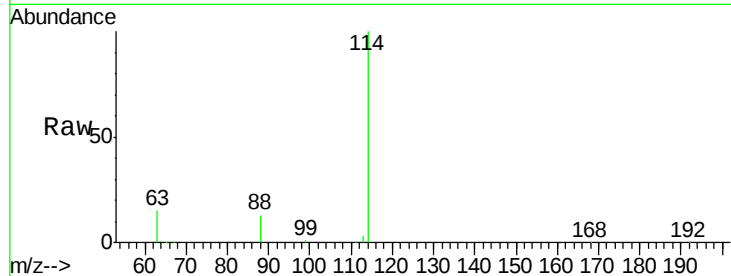
Tot Ion:114 Resp: 79614

Ion Ratio Lower Upper

114 100

63 14.8 0.0 37.6

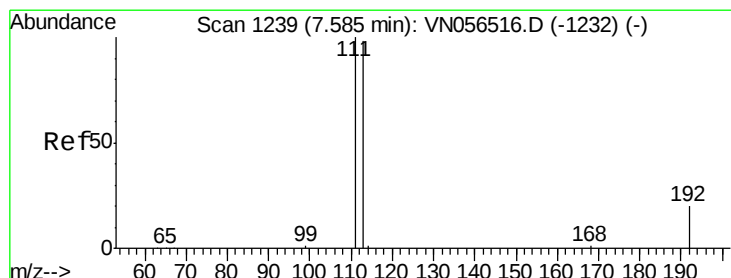
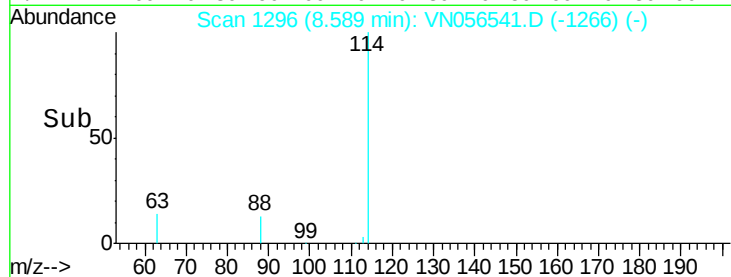
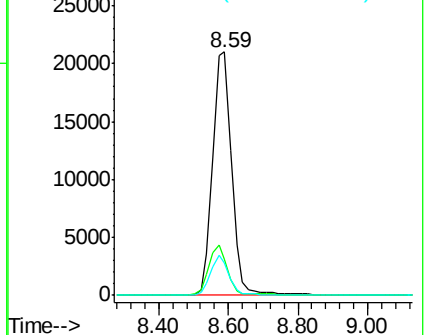
88 13.4 0.0 31.2



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: 5.787 ug/l

RT: 7.58 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

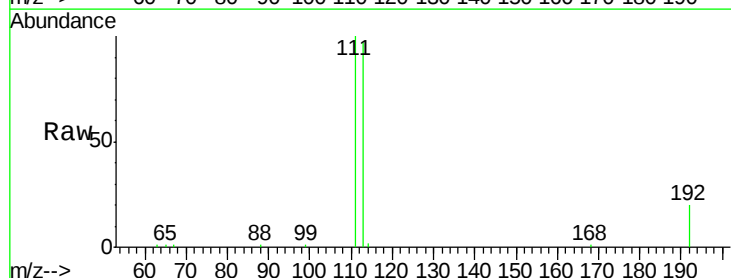
Tgt Ion:113 Resp: 25398

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

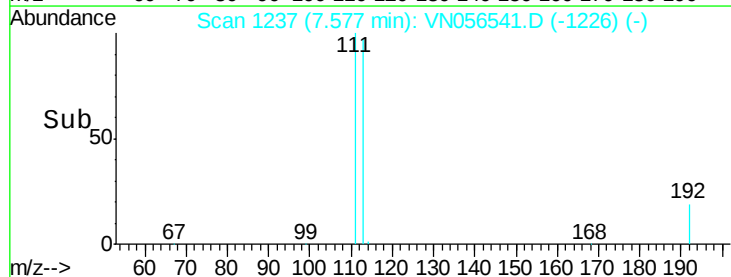
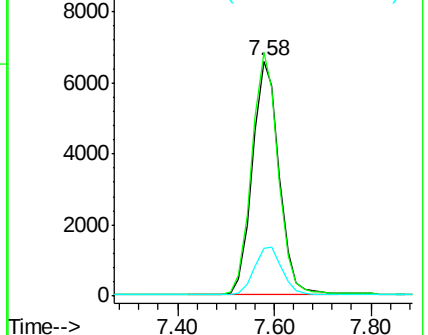
192 20.3 16.9 25.3

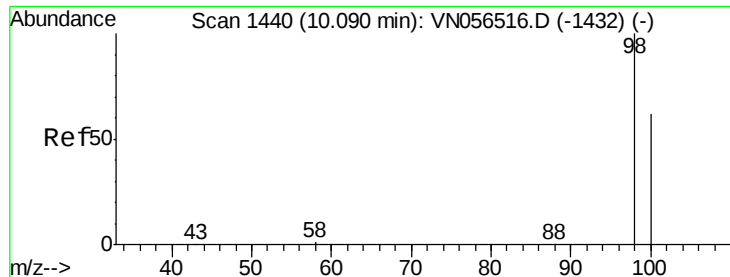


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.567 ug/l

RT: 10.09 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

Instrument :

MSVOA_N

ClientSampled :

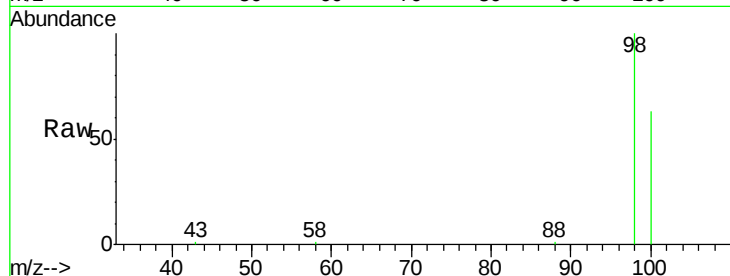
VN0628WBL01

Tot Ion: 98 Resp: 55290

Ion Ratio Lower Upper

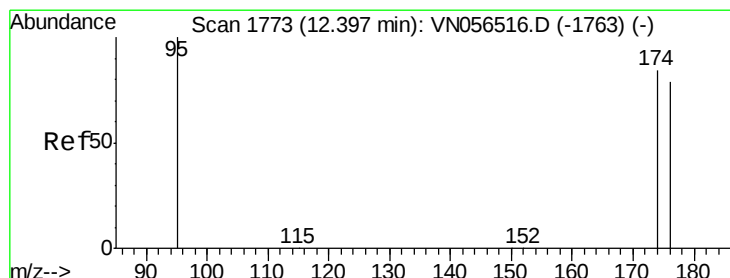
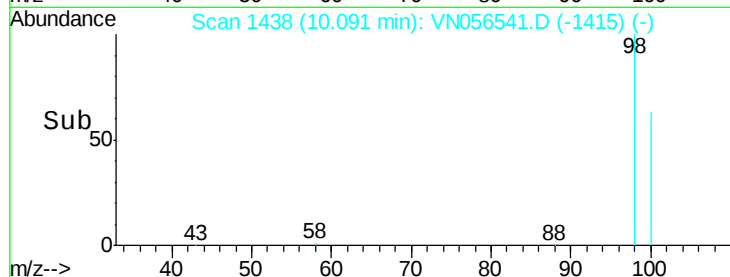
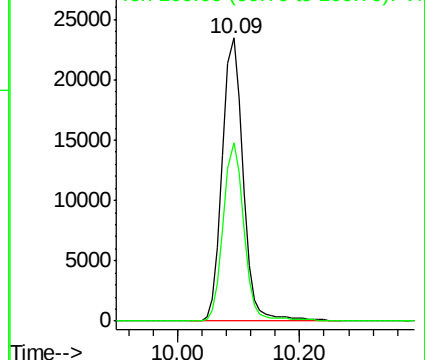
98 100

100 63.0 49.7 74.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#7

4-Bromofluorobenzene

Concen: 4.956 ug/l

RT: 12.40 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VN056541.D

Acq: 28 Jun 2019 9:20

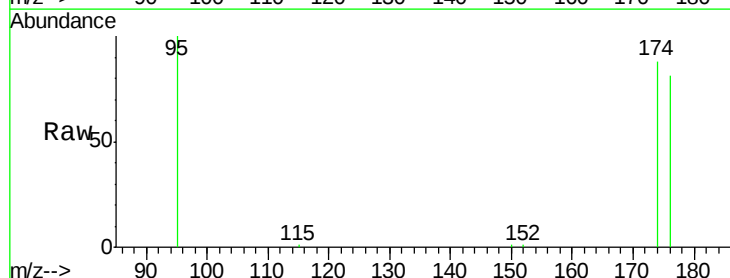
Tgt Ion: 95 Resp: 12589

Ion Ratio Lower Upper

95 100

174 87.8 0.0 167.8

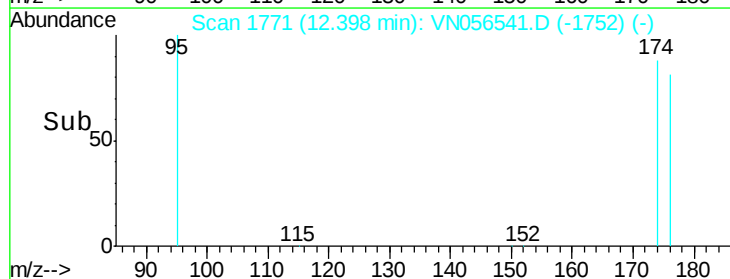
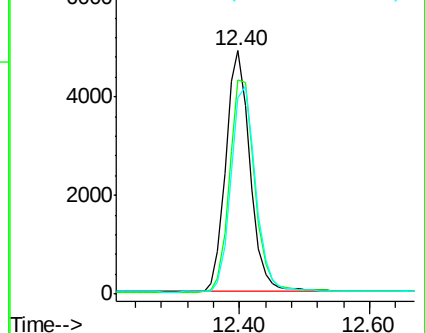
176 80.8 0.0 158.0

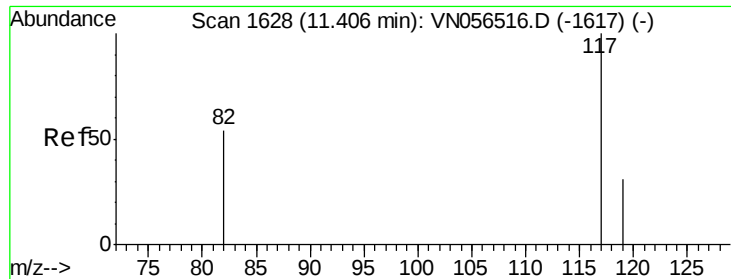


Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN

Ion 176.00 (175.70 to 176.70): VN

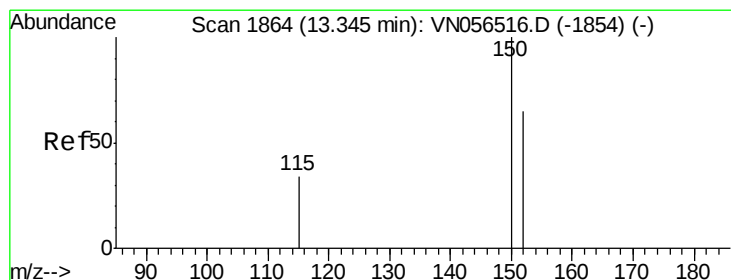
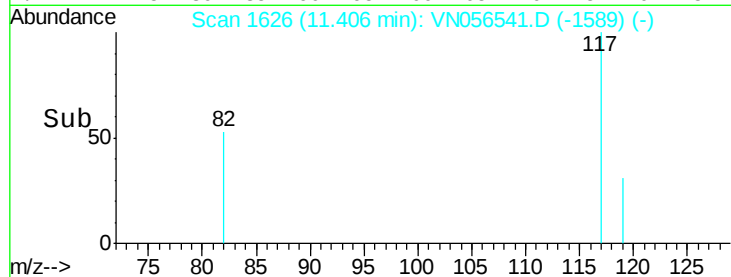
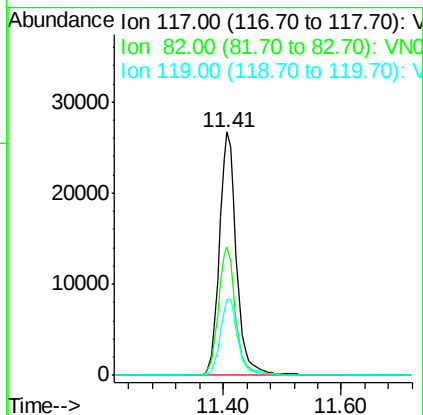
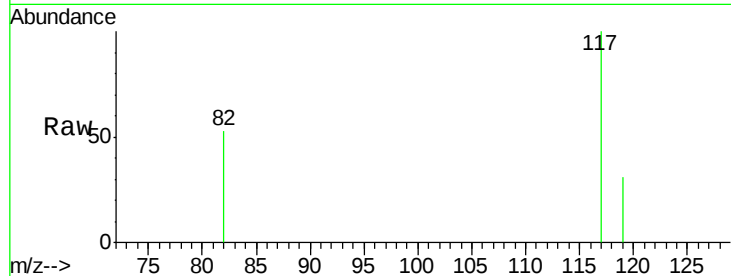




#8
Chlorobenzene-d5
Concen: 5.000 ug/l
RT: 11.41 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VN056541.D
Acq: 28 Jun 2019 9:20

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

Tot Ion:117 Resp: 53559
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.4 24.7 37.1



#9
1,4-Dichlorobenzene-d4
Concen: 5.000 ug/l
RT: 13.35 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN056541.D
Acq: 28 Jun 2019 9:20

Tgt Ion:152 Resp: 7370
Ion Ratio Lower Upper
152 100
115 52.9 27.0 80.8
150 149.7 0.0 306.6

