

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058607.D
 Acq On : 8 Oct 2019 14:00
 Operator : JC/SP
 Sample : K5234-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-GMZ1CB-TB1

Quant Time: Oct 09 04:16:13 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	2388884	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	3490351	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	3088798	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1174612	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	1447736	5.07	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	101.40%
5) Dibromofluoromethane	7.57	113	1120848	5.10	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	102.00%
6) Toluene-d8	10.08	98	2536435	5.11	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	102.20%
7) 4-Bromofluorobenzene	12.40	95	1170742	4.81	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	96.20%

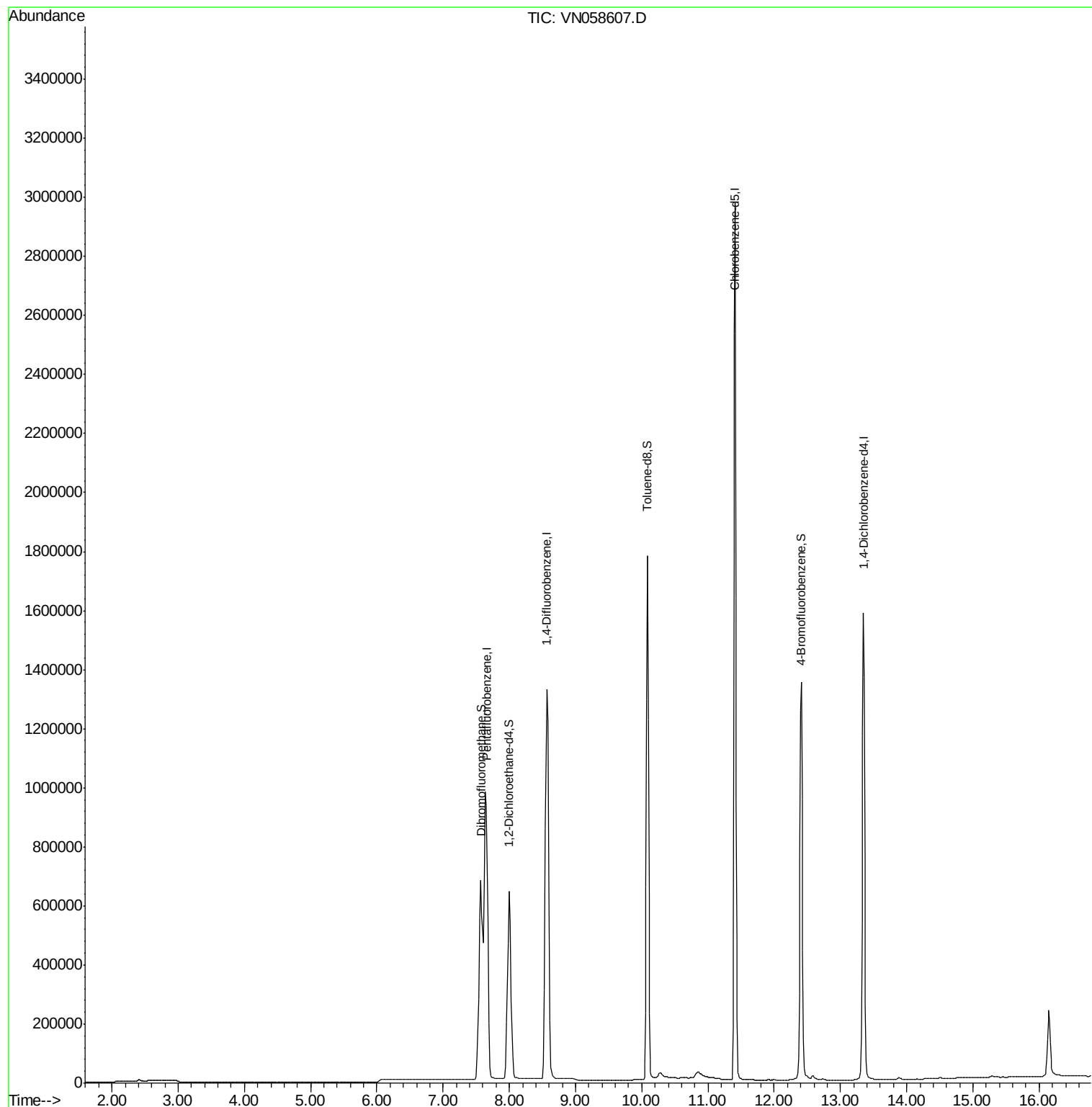
Target Compounds	Qvalue

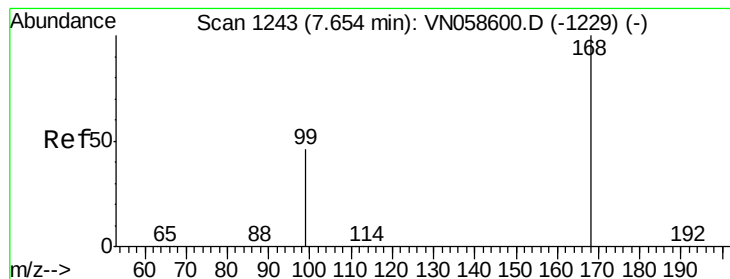
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058607.D

Acq: 8 Oct 2019 14:00

Instrument :

MSVOA_N

ClientSampleId :

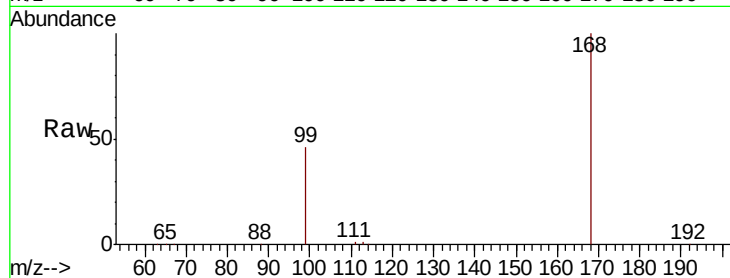
FA19-GMZ1CB-TB1

Tot Ion:168 Resp: 2388884

Ion Ratio Lower Upper

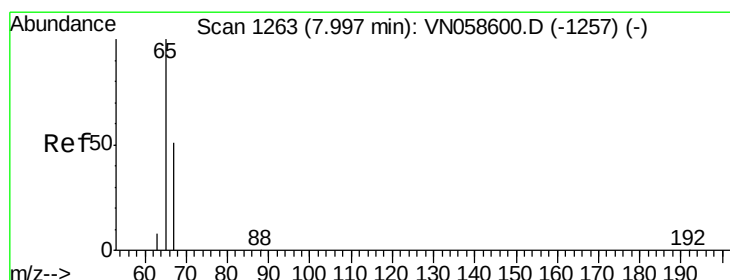
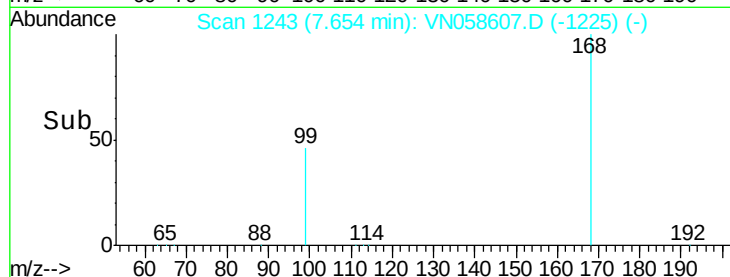
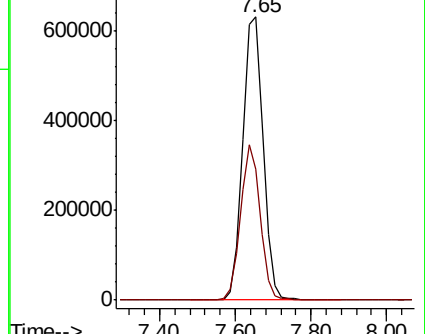
168 100

99 46.3 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN0



#3

1,2-Dichloroethane-d4

Concen: 5.073 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058607.D

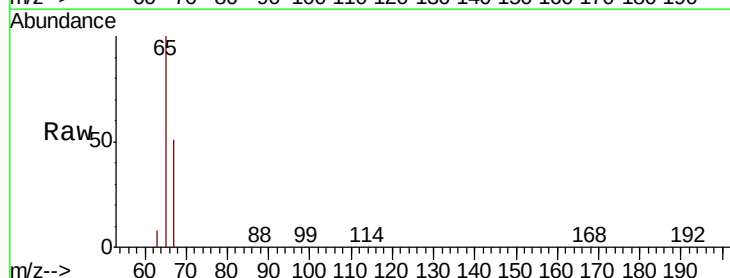
Acq: 8 Oct 2019 14:00

Tgt Ion: 65 Resp: 1447736

Ion Ratio Lower Upper

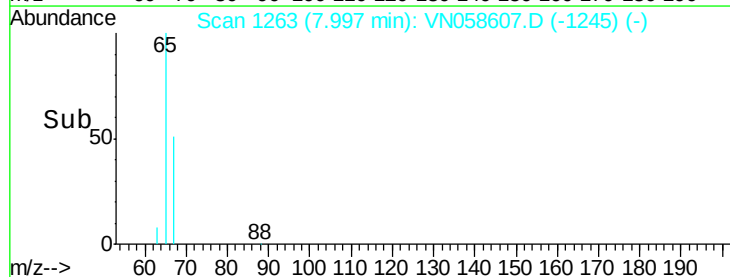
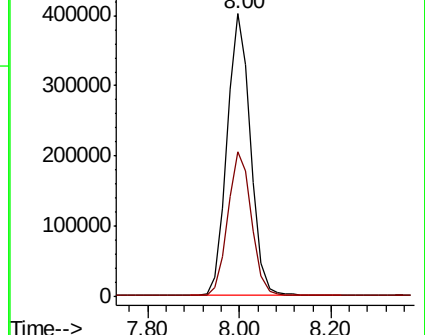
65 100

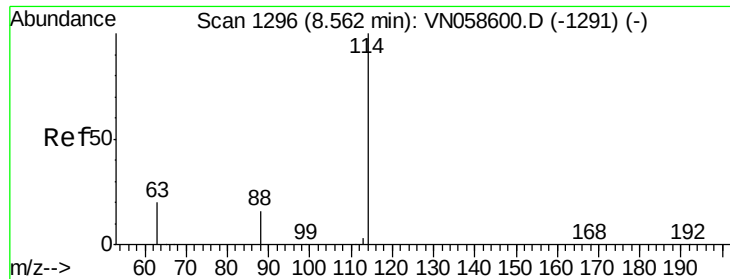
67 51.1 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058607.D

Acq: 8 Oct 2019 14:00

Instrument :

MSVOA_N

ClientSampleId :

FA19-GMZ1CB-TB1

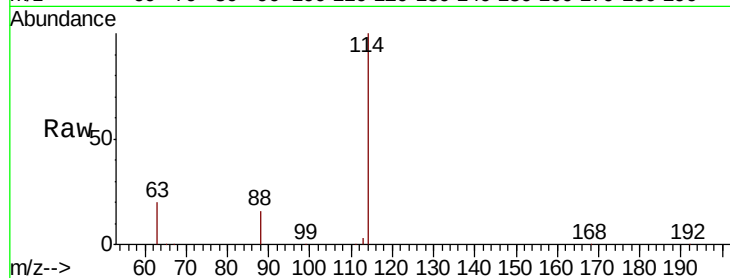
Tot Ion:114 Resp: 3490351

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

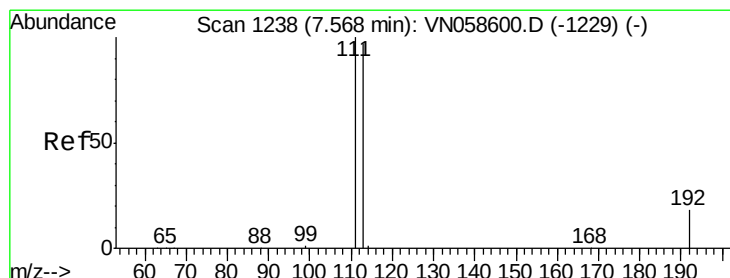
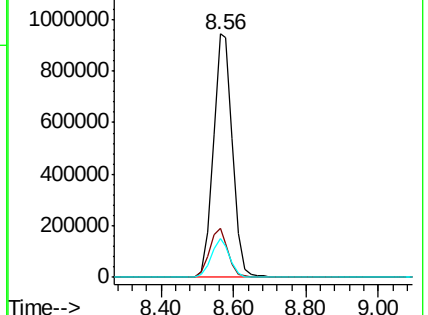
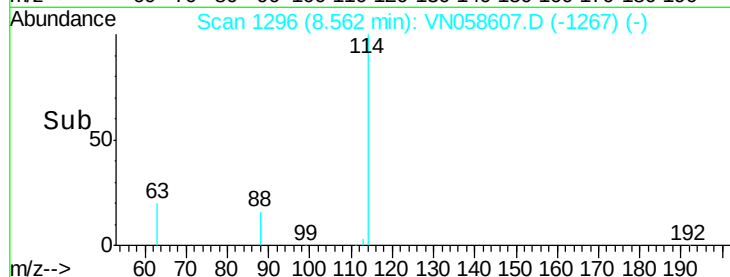
88 15.9 0.0 32.4



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



#5

Dibromofluoromethane

Concen: 5.097 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058607.D

Acq: 8 Oct 2019 14:00

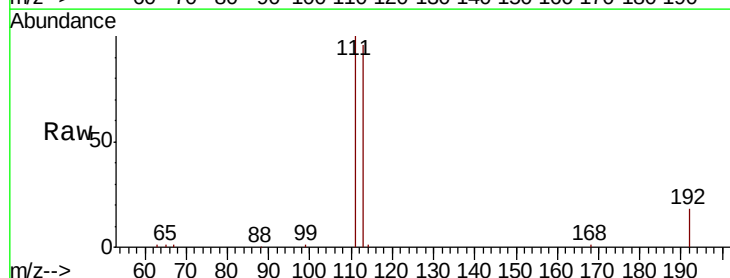
Tgt Ion:113 Resp: 1120848

Ion Ratio Lower Upper

113 100

111 103.9 82.5 123.7

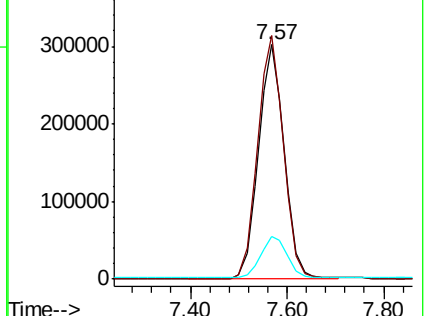
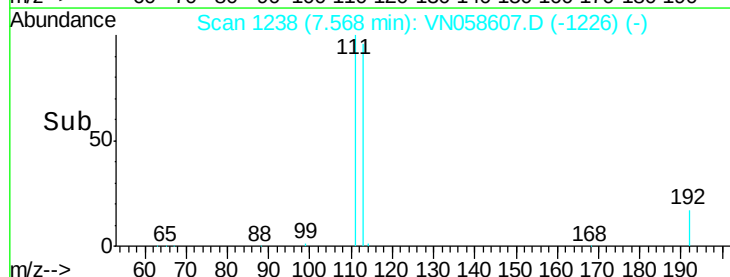
192 18.4 14.9 22.3

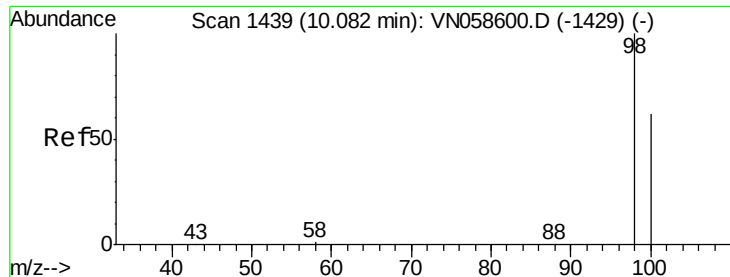


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 5.105 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058607.D

Acq: 8 Oct 2019 14:00

Instrument :

MSVOA_N

ClientSampleId :

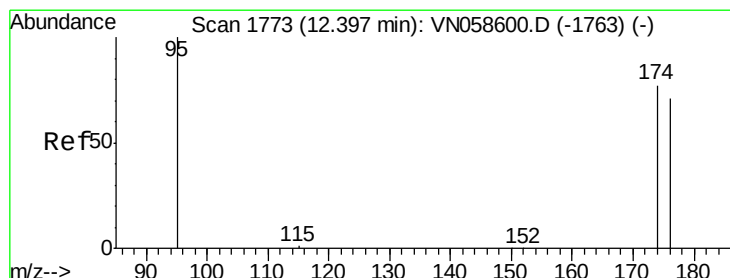
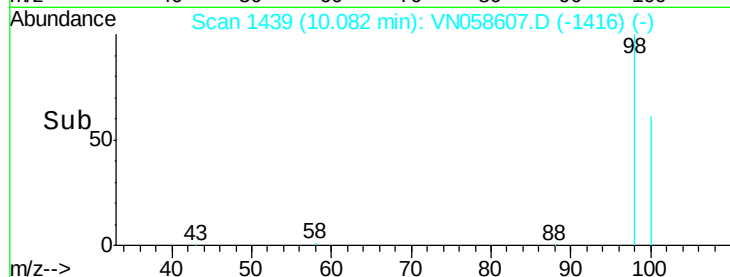
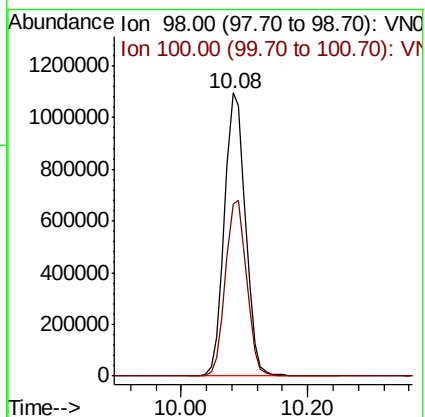
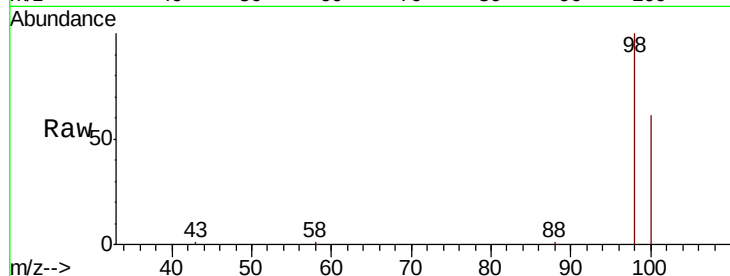
FA19-GMZ1CB-TB1

Tot Ion: 98 Resp: 2536435

Ion Ratio Lower Upper

98 100

100 60.9 49.4 74.2



#7

4-Bromofluorobenzene

Concen: 4.810 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058607.D

Acq: 8 Oct 2019 14:00

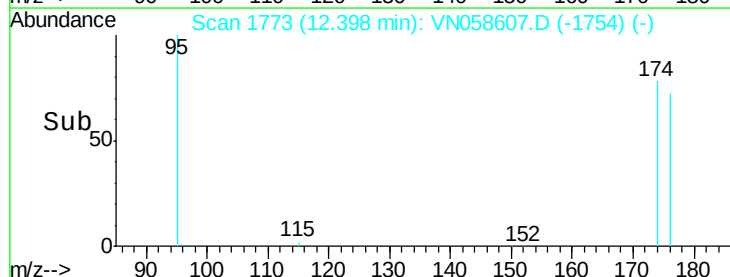
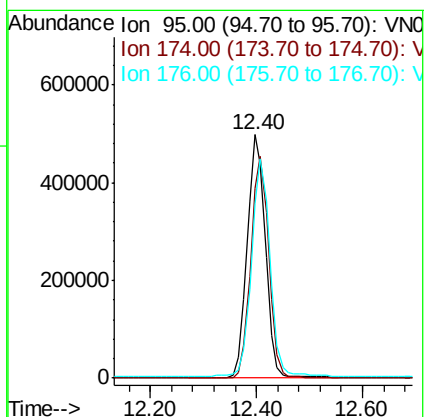
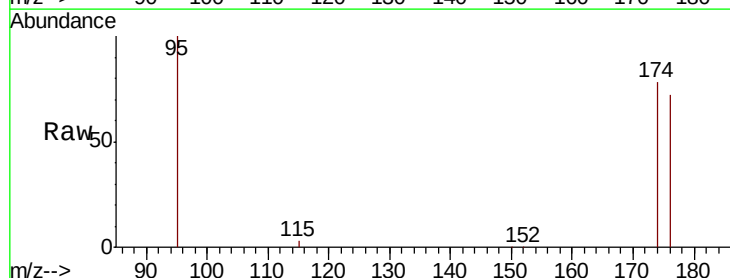
Tgt Ion: 95 Resp: 1170742

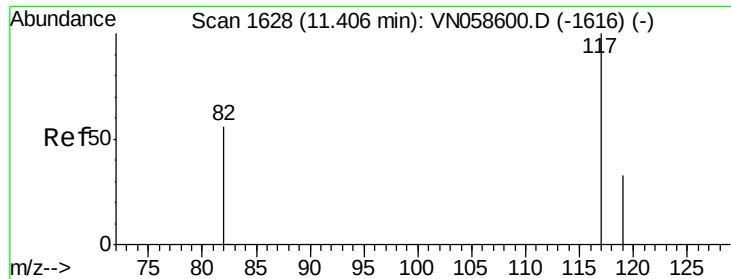
Ion Ratio Lower Upper

95 100

174 77.9 0.0 153.4

176 71.9 0.0 142.2

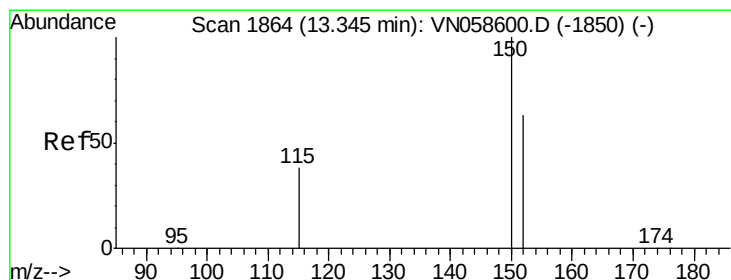
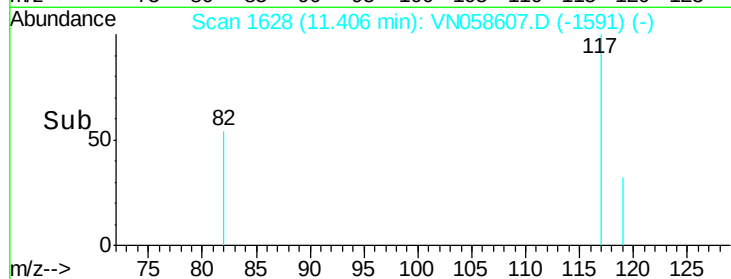
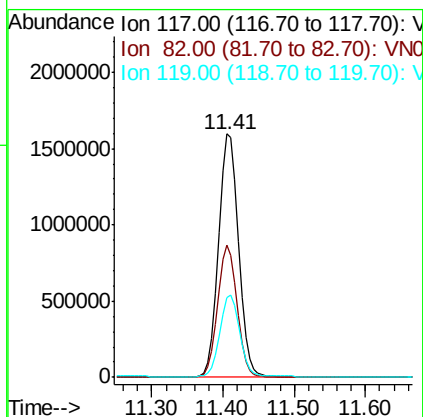
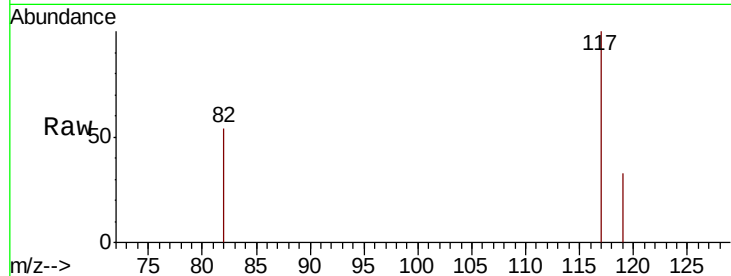




#8
Chlorobenzene-d5
Concen: 5.000 ug/l
RT: 11.41 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN058607.D
Acq: 8 Oct 2019 14:00

Instrument :
MSVOA_N
ClientSampleId :
FA19-GMZ1CB-TB1

Tot Ion:117 Resp: 3088798
Ion Ratio Lower Upper
117 100
82 54.1 44.7 67.1
119 32.7 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: VN058607.D
Acq: 8 Oct 2019 14:00

Tgt Ion:152 Resp: 1174612
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.8
150 159.7 0.0 315.8

