

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062819\
 Data File : VN056556.D
 Acq On : 28 Jun 2019 15:39
 Operator : JC/SP
 Sample : K3519-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-LF2MW4-9001

Quant Time: Jun 28 23:44:05 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	7.65	168	48517	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	83599	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	50981	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	7716	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	30334	5.10	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	102.00%
5) Dibromofluoromethane	7.59	113	22645	4.91	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	98.20%
6) Toluene-d8	10.09	98	50495	4.84	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	96.80%
7) 4-Bromofluorobenzene	12.39	95	12720	4.77	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	95.40%

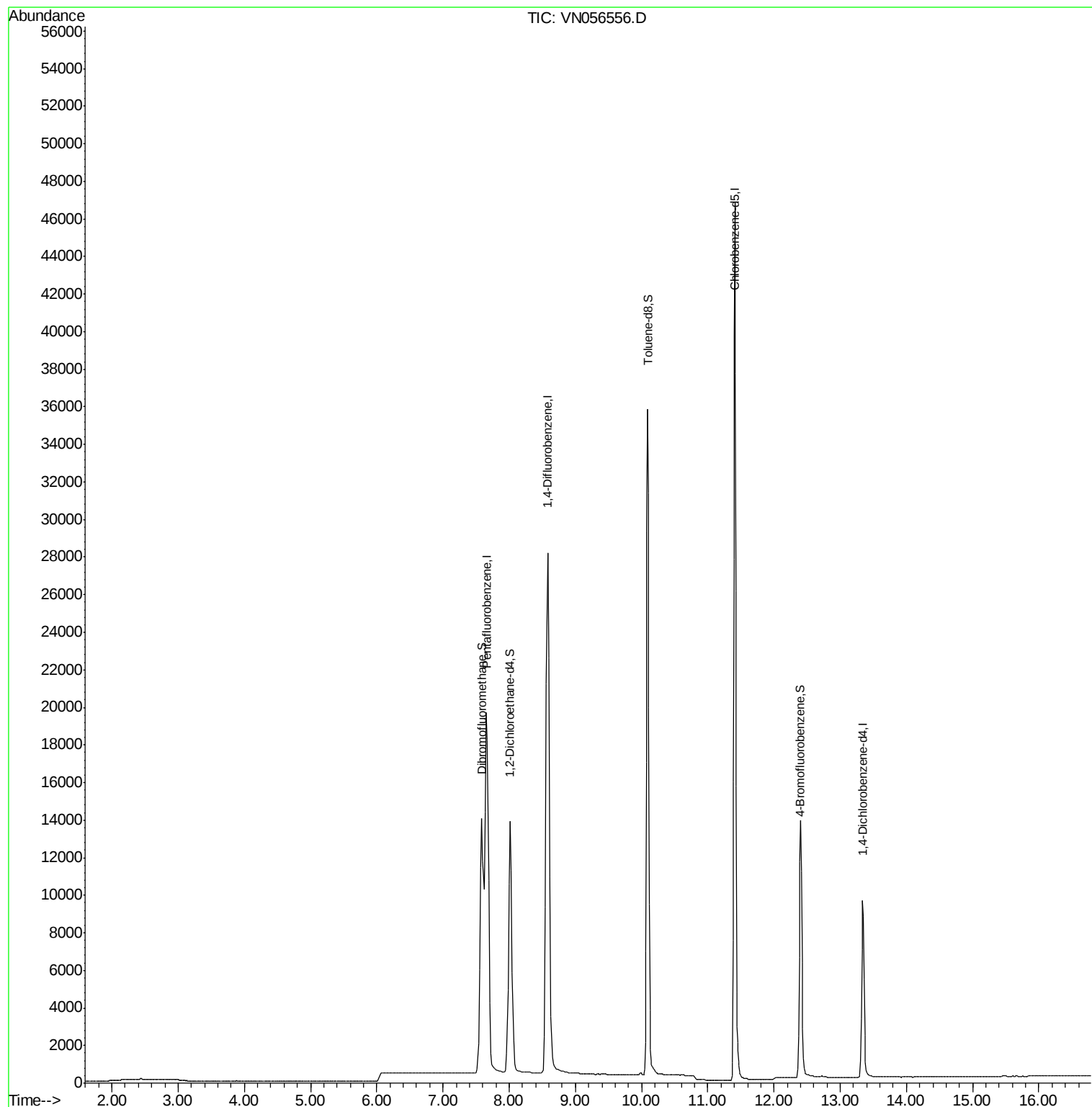
Target Compounds	Qvalue

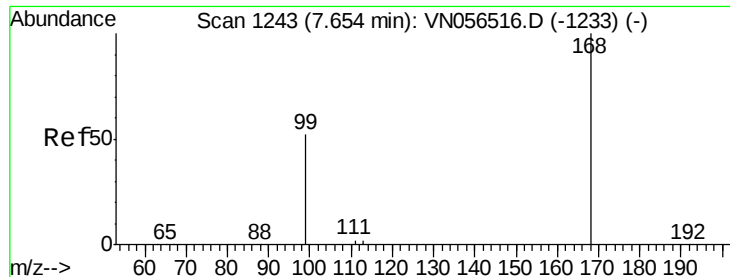
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056556.D

Acq: 28 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

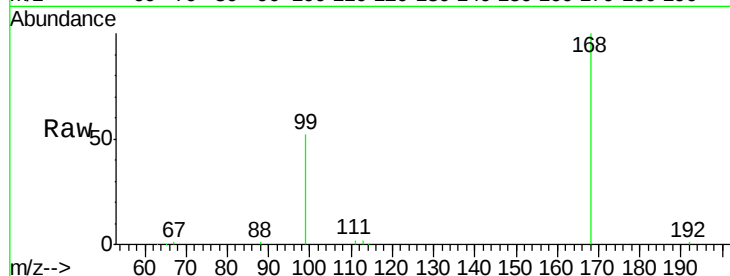
SP19-LF2MW4-9001

Tot Ion:168 Resp: 48517

Ion Ratio Lower Upper

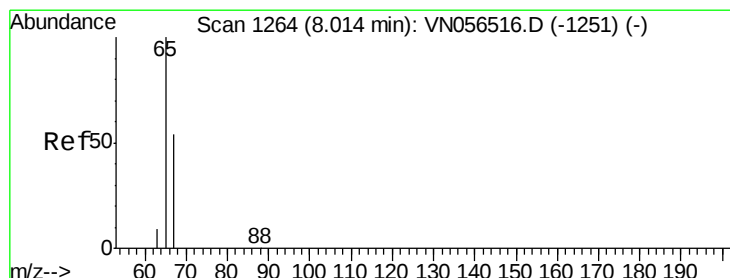
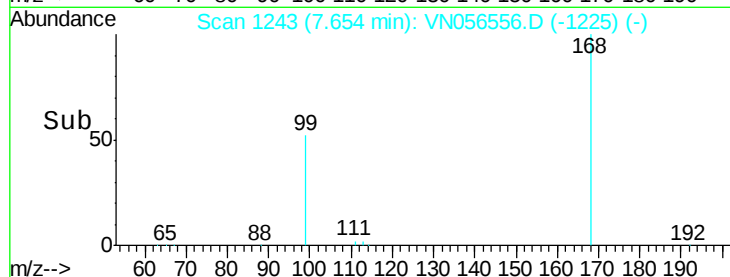
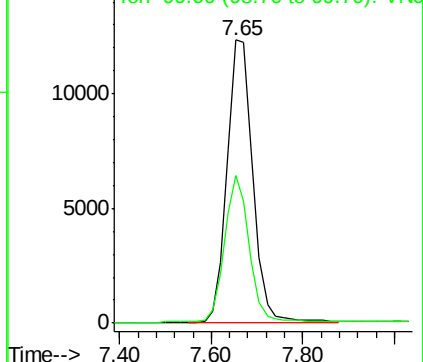
168 100

99 52.2 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: 5.104 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056556.D

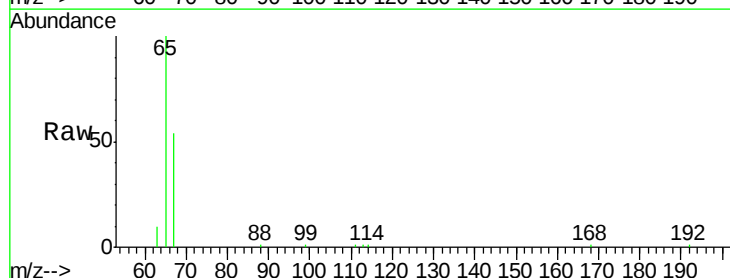
Acq: 28 Jun 2019 15:39

Tgt Ion: 65 Resp: 30334

Ion Ratio Lower Upper

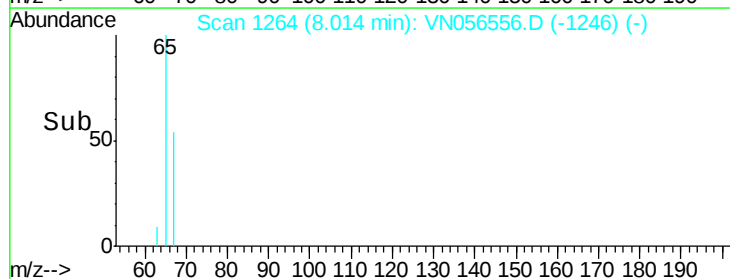
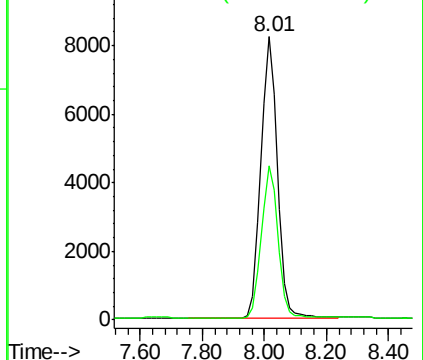
65 100

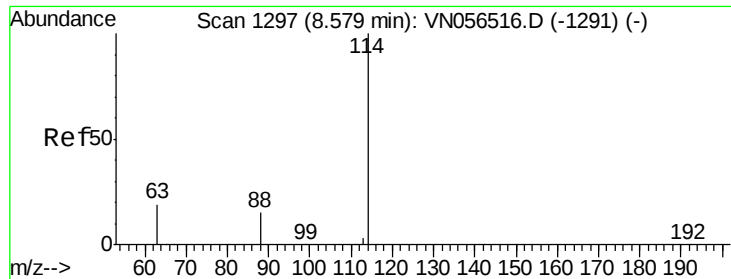
67 54.3 0.0 108.8



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: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056556.D

Acq: 28 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

SP19-LF2MW4-9001

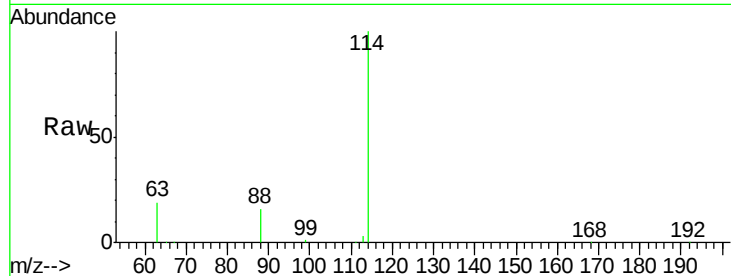
Tot Ion:114 Resp: 83599

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

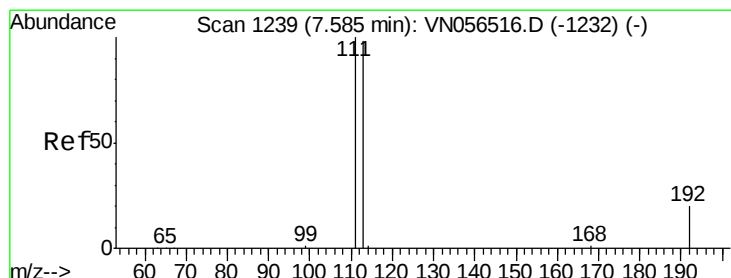
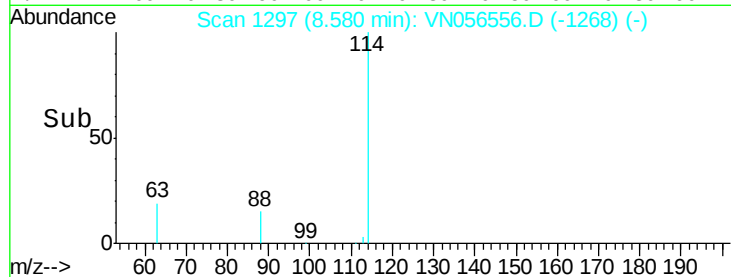
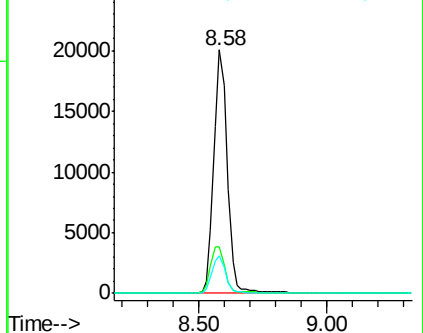
88 15.7 0.0 31.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): V

Ion 88.00 (87.70 to 88.70): V



#5

Dibromofluoromethane

Concen: 4.913 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056556.D

Acq: 28 Jun 2019 15:39

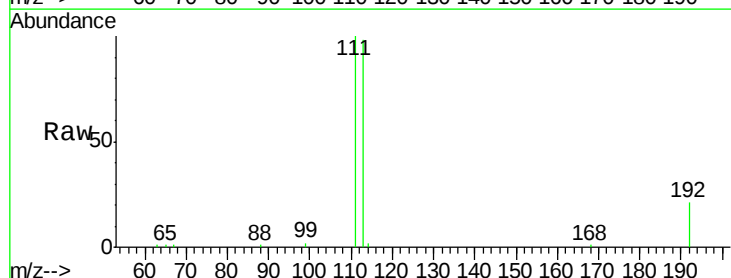
Tgt Ion:113 Resp: 22645

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

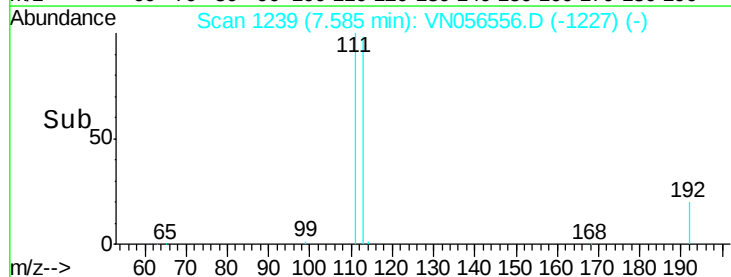
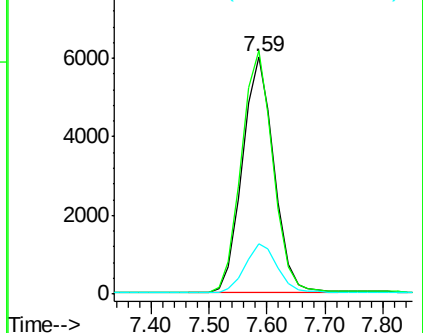
192 21.1 16.9 25.3

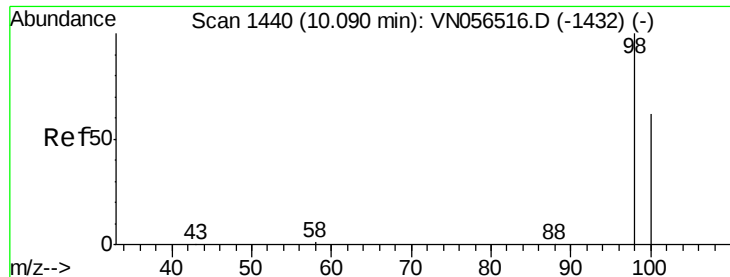


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 4.842 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056556.D

Acq: 28 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

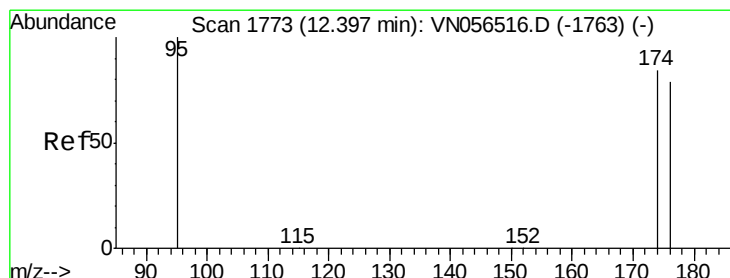
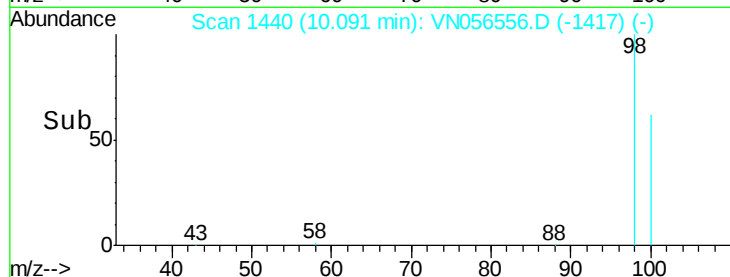
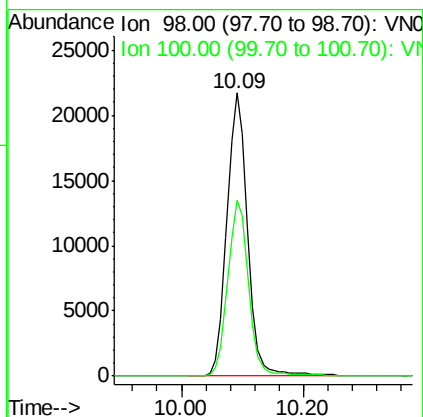
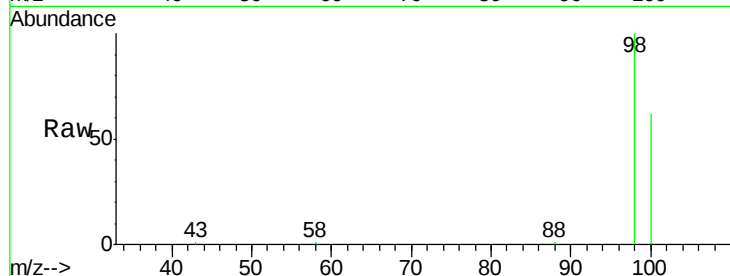
SP19-LF2MW4-9001

Tot Ion: 98 Resp: 50495

Ion Ratio Lower Upper

98 100

100 62.3 49.7 74.5



#7

4-Bromofluorobenzene

Concen: 4.769 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056556.D

Acq: 28 Jun 2019 15:39

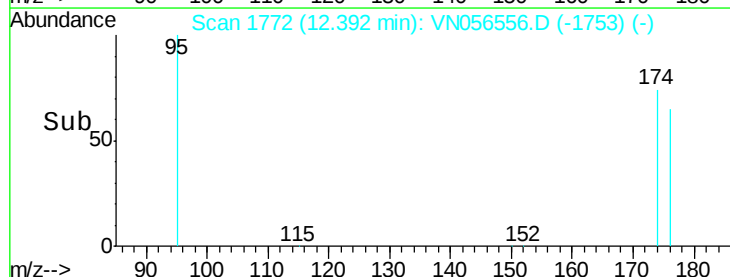
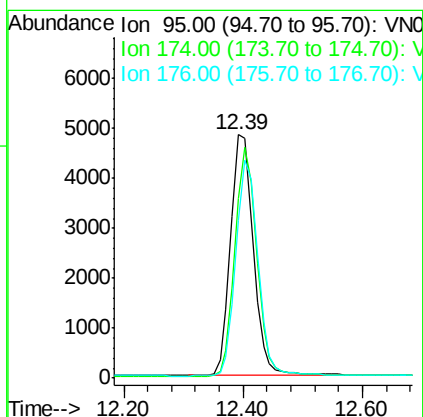
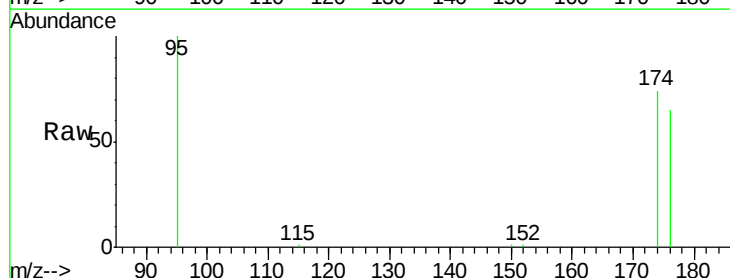
Tgt Ion: 95 Resp: 12720

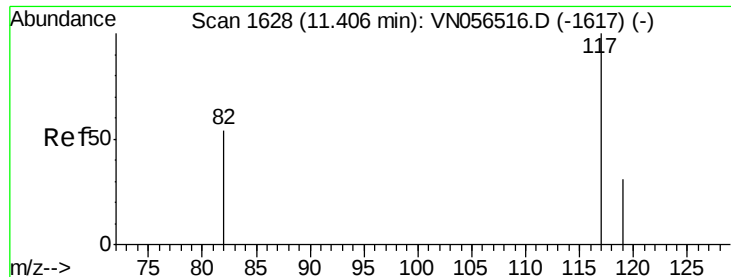
Ion Ratio Lower Upper

95 100

174 73.7 0.0 167.8

176 64.9 0.0 158.0

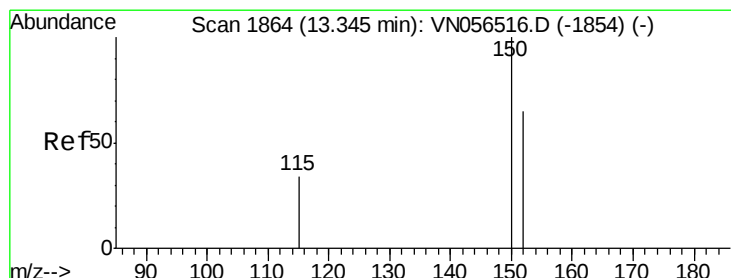
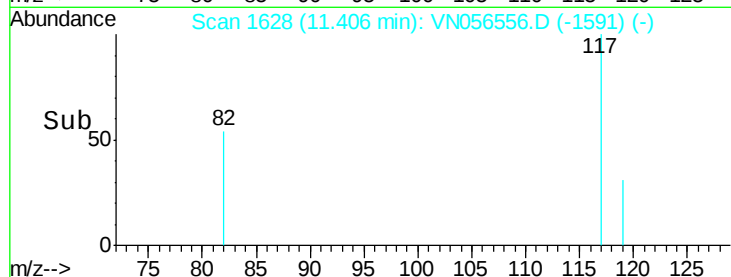
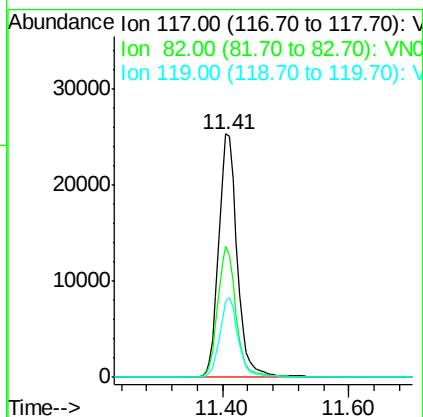
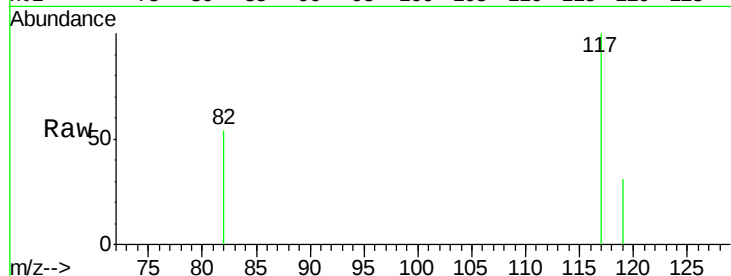




#8
Chlorobenzene-d5
Concen: 5.000 ug/l
RT: 11.41 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN056556.D
Acq: 28 Jun 2019 15:39

Instrument :
MSVOA_N
ClientSampleId :
SP19-LF2MW4-9001

Tot Ion:117 Resp: 50981
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.1 24.7 37.1



#9
1,4-Dichlorobenzene-d4
Concen: 5.000 ug/l
RT: 13.34 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN056556.D
Acq: 28 Jun 2019 15:39

Tgt Ion:152 Resp: 7716
Ion Ratio Lower Upper
152 100
115 58.5 27.0 80.8
150 159.7 0.0 306.6

