

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056102.D
 Acq On : 7 Jun 2019 16:49
 Operator : JC/SP
 Sample : VN0608WBL03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBL03

Quant Time: Jun 08 06:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	337085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	502121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	458049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139543	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	175029	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
35) Dibromofluoromethane	7.59	113	154690	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.09	98	635624	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.40	95	188732	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

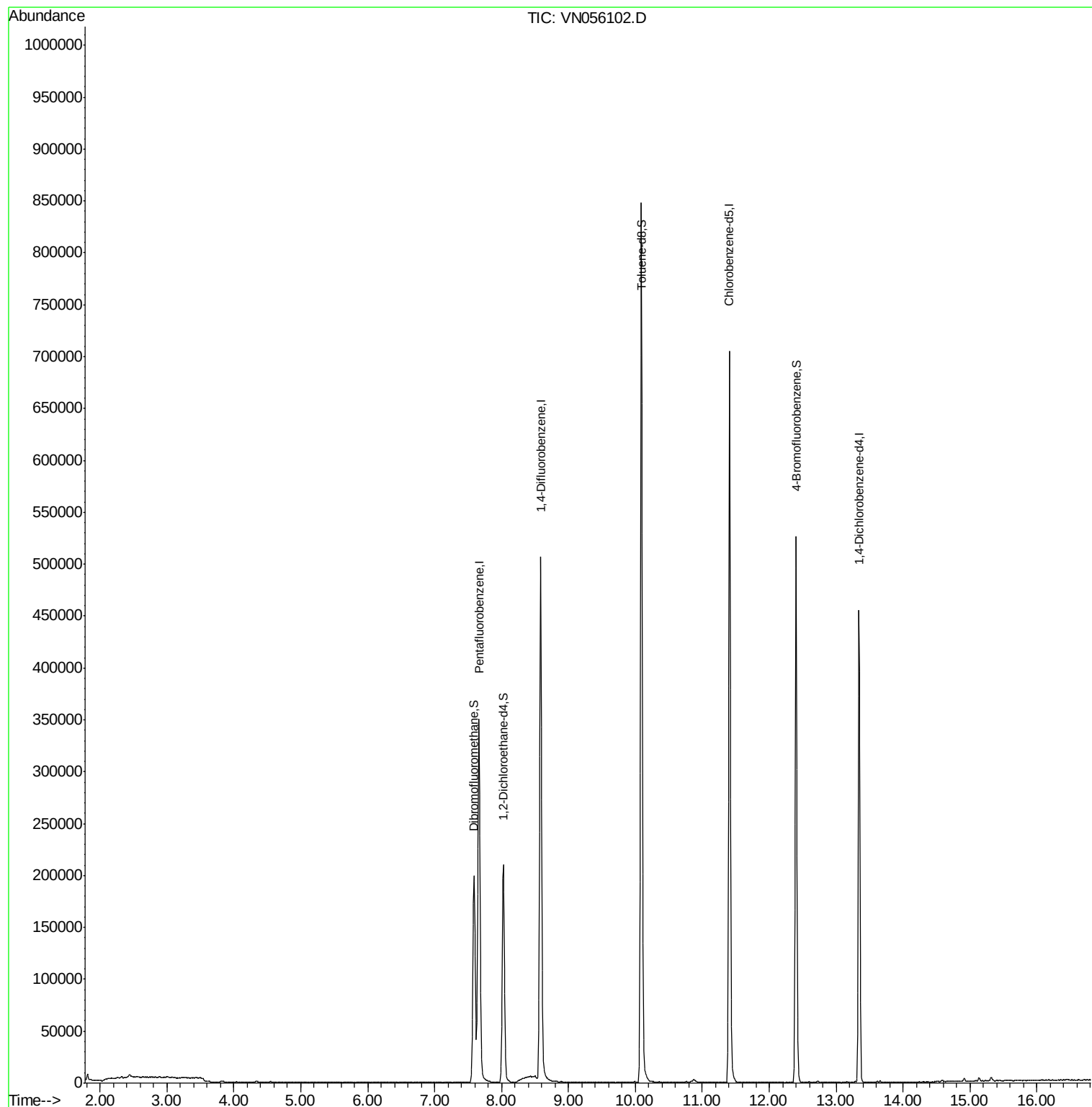
Target Compounds	Qvalue

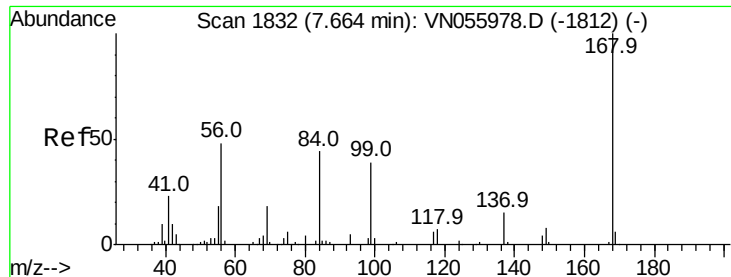
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056102.D

Acq: 7 Jun 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

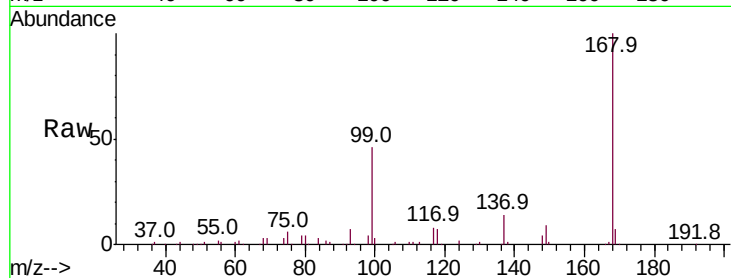
VN0608WBL03

Tot Ion:168 Resp: 337085

Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

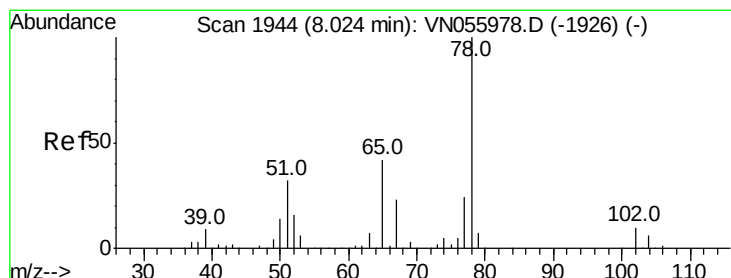
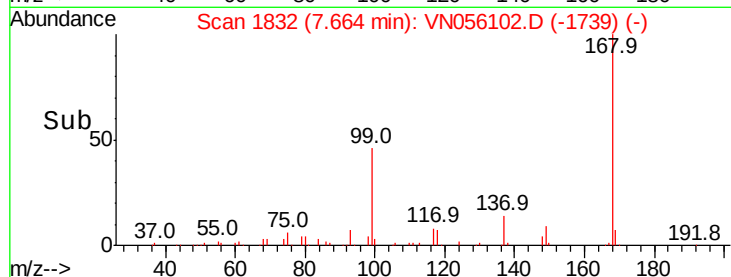
100000

50000

0

7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.295 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056102.D

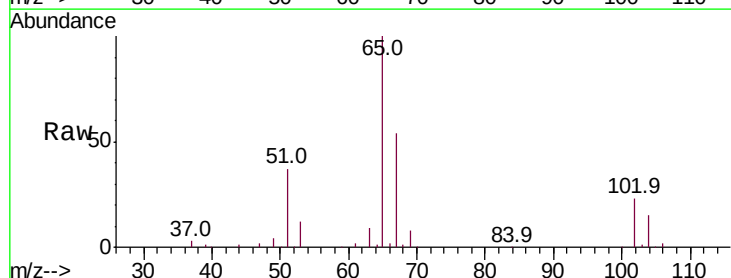
Acq: 7 Jun 2019 16:49

Tgt Ion: 65 Resp: 175029

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.02

80000

60000

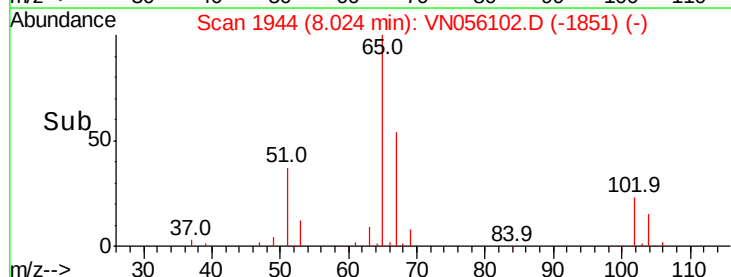
40000

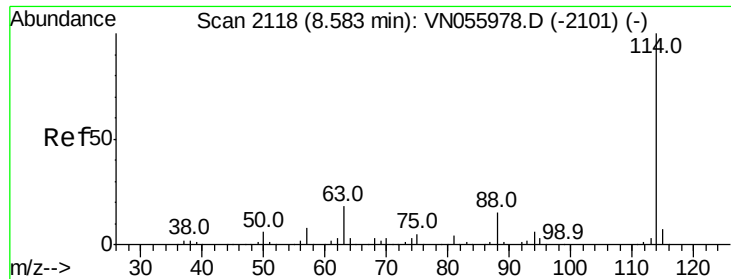
20000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056102.D

Acq: 7 Jun 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBL03

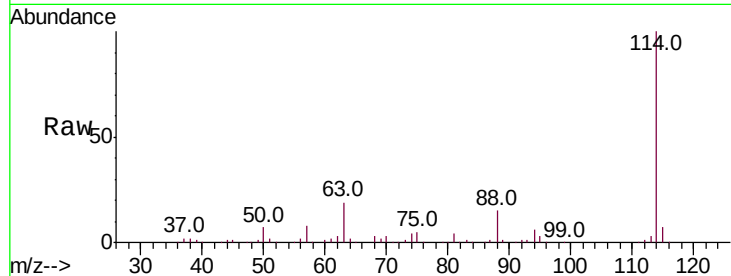
Tot Ion:114 Resp: 502121

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

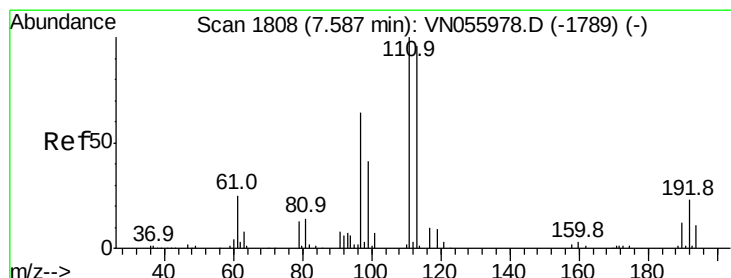
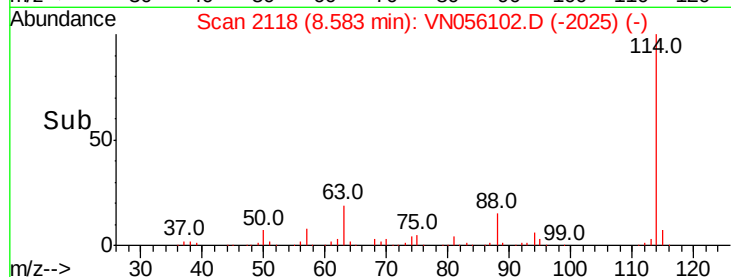
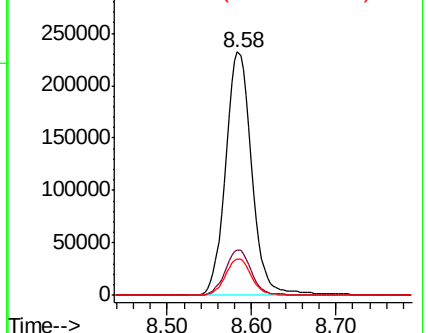
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.213 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056102.D

Acq: 7 Jun 2019 16:49

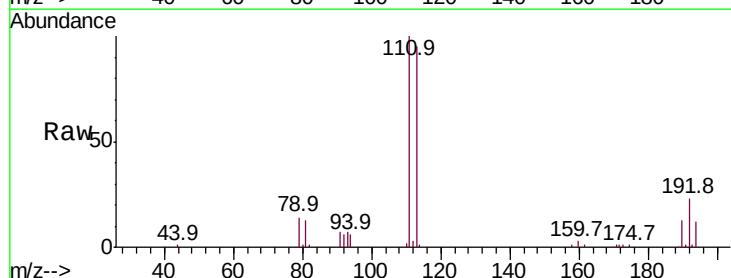
Tgt Ion:113 Resp: 154690

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

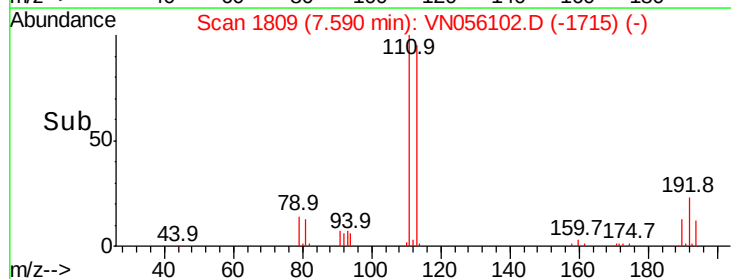
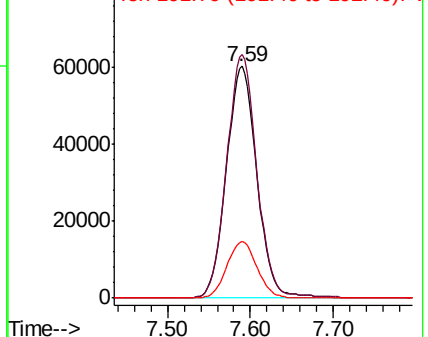
192 24.0 19.5 29.3

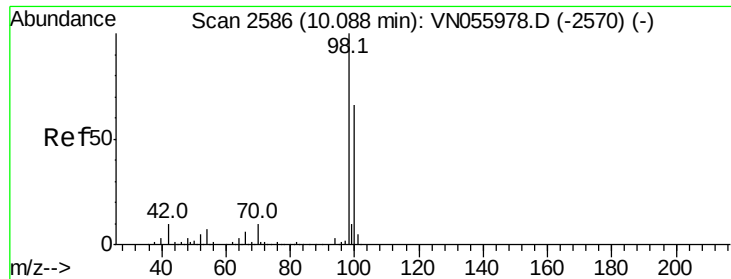


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

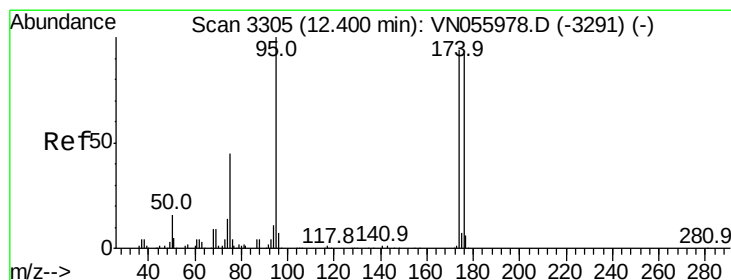
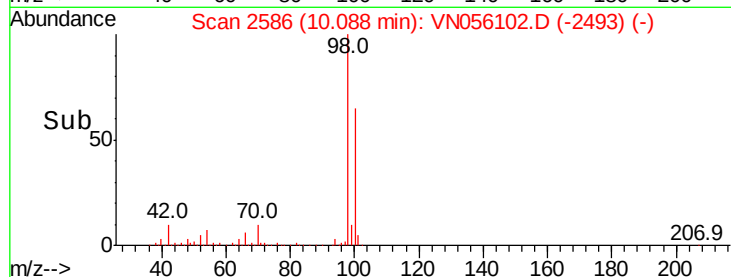
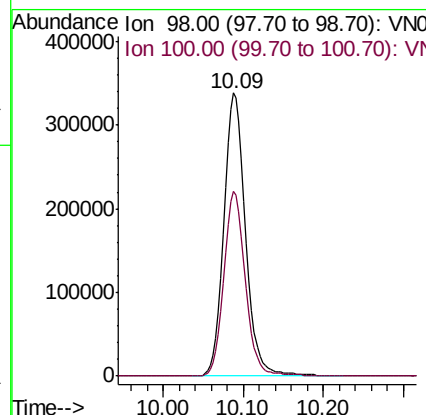
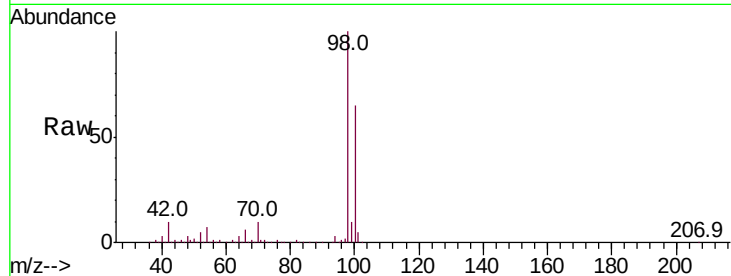




#50
Toluene-d8
Concen: 53.619 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056102.D
Acq: 7 Jun 2019 16:49

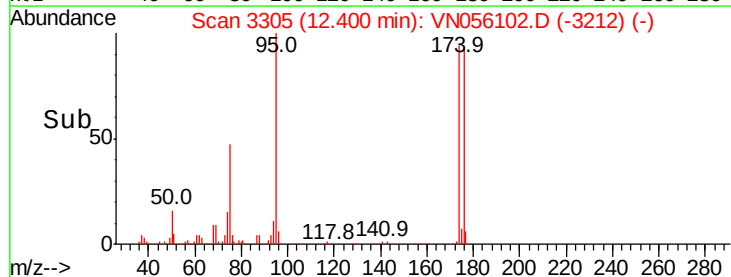
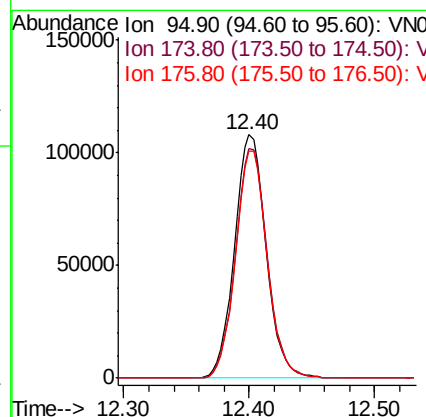
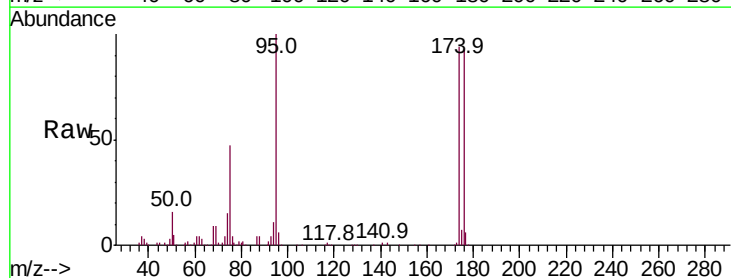
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL03

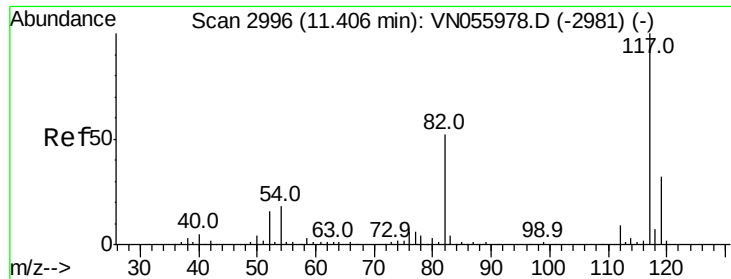
Tot Ion: 98 Resp: 635624
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.815 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056102.D
Acq: 7 Jun 2019 16:49

Tgt Ion: 95 Resp: 188732
Ion Ratio Lower Upper
95 100
174 95.0 0.0 191.0
176 93.5 0.0 185.2

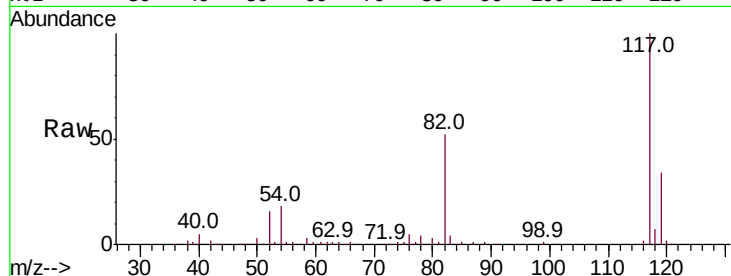




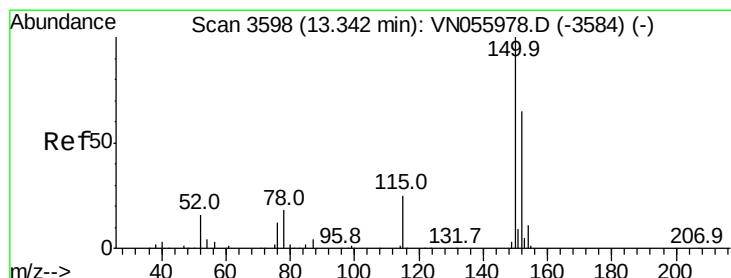
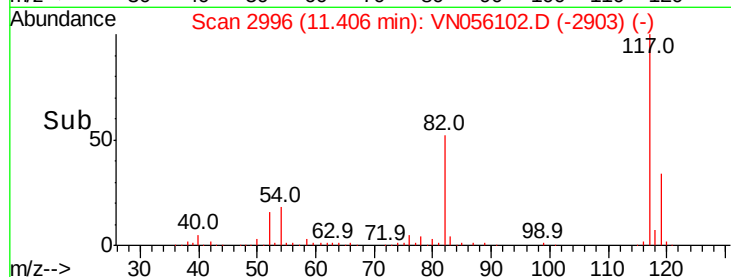
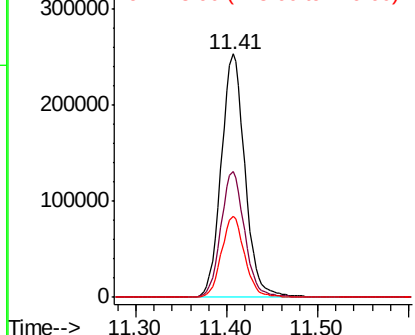
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056102.D
Acq: 7 Jun 2019 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL03

Tot Ion:117 Resp: 458049
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 33.5 25.4 38.0

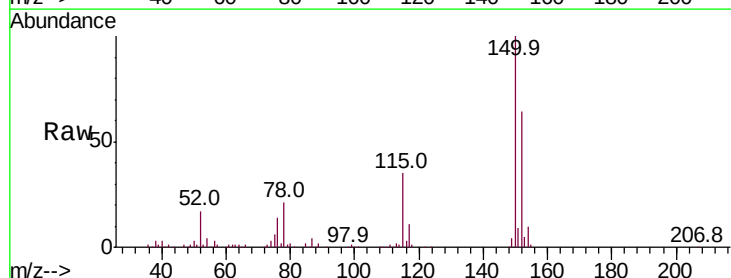


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056102.D
Acq: 7 Jun 2019 16:49

Tgt Ion:152 Resp: 139543
Ion Ratio Lower Upper
152 100
115 52.8 27.0 81.0
150 156.4 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

