

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056110.D
 Acq On : 7 Jun 2019 20:10
 Operator : JC/SP
 Sample : K3203-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015RW009-190604

Quant Time: Jun 08 06:46:34 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

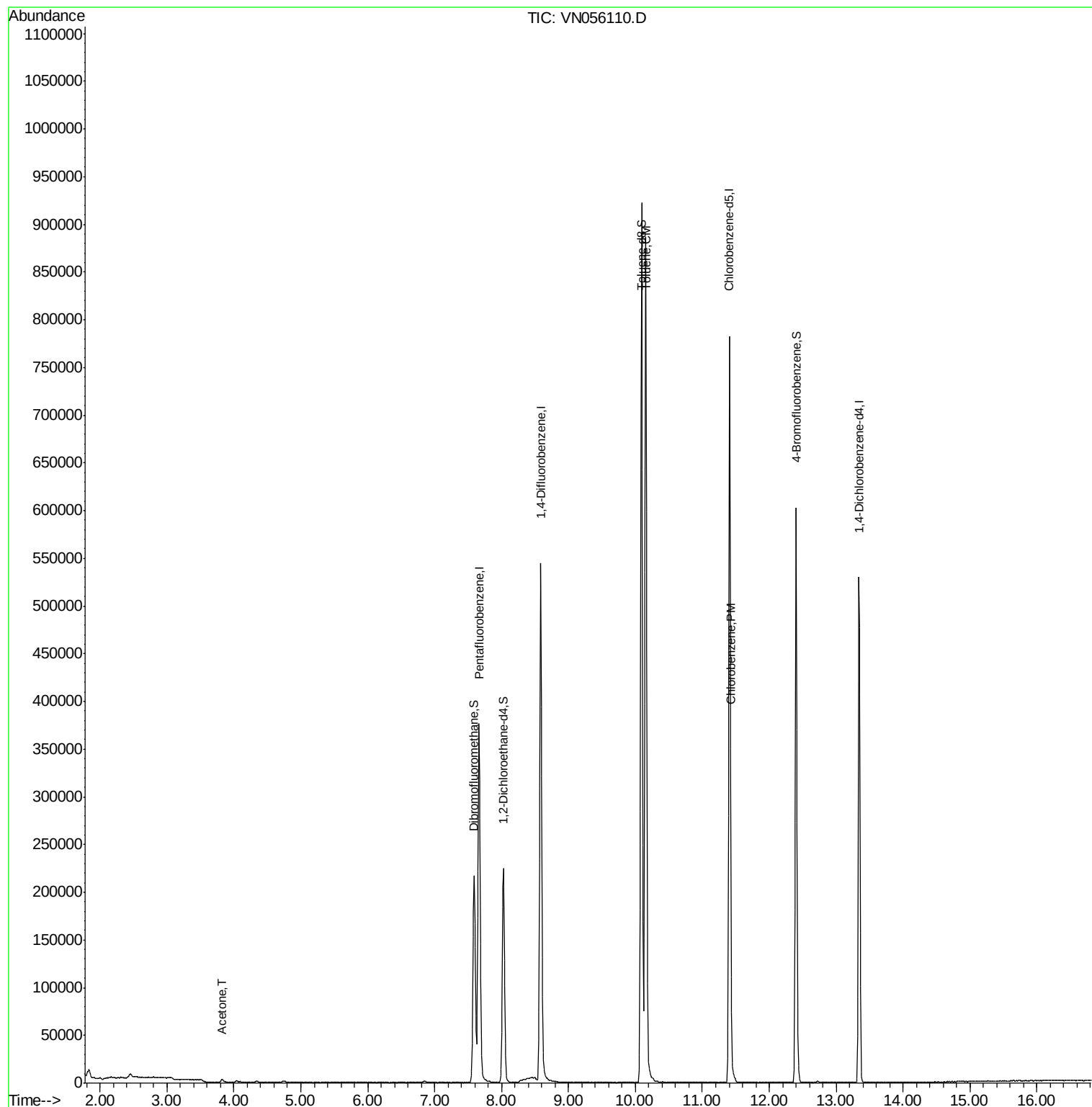
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	363694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	543957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	520790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	189094	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	7.59	113	167553	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.09	98	696101	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
62) 4-Bromofluorobenzene	12.40	95	218578	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
Target Compounds						
16) Acetone	3.82	43	5977	3.461	ug/l	90
52) Toluene	10.16	92	413448	46.771	ug/l	100
65) Chlorobenzene	11.43	112	5219	0.504	ug/l	96

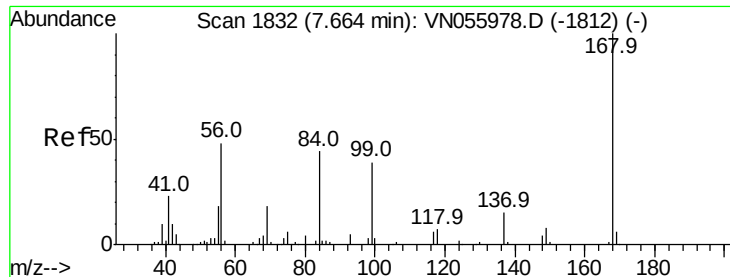
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056110.D

Acq: 7 Jun 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

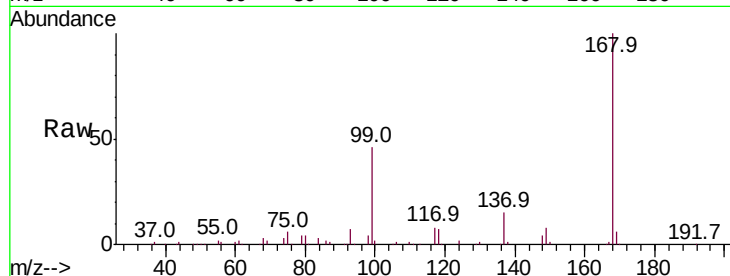
LF015RW009-190604

Tot Ion:168 Resp: 363694

Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

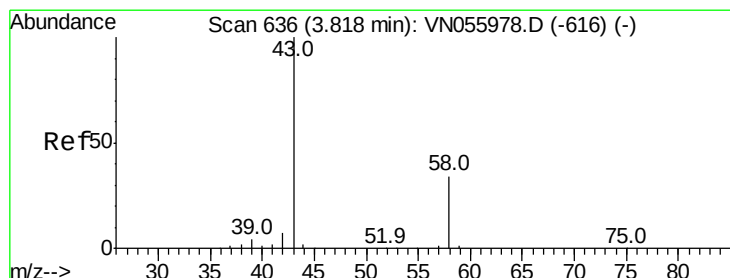
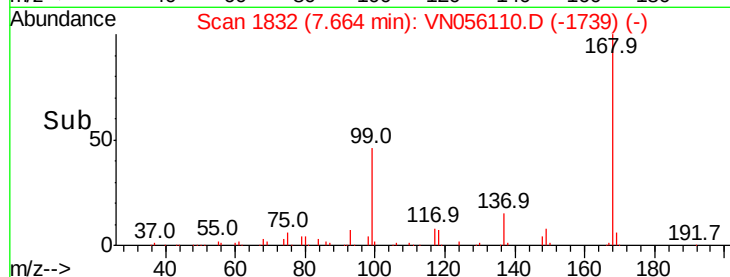
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 3.461 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056110.D

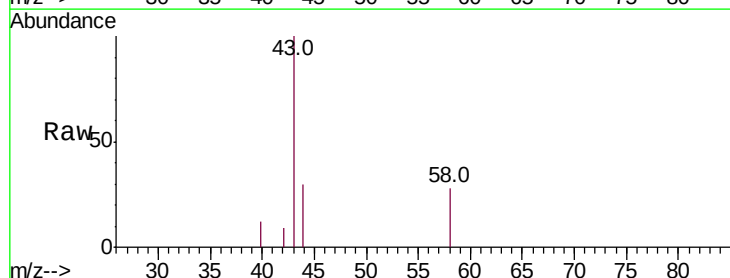
Acq: 7 Jun 2019 20:10

Tgt Ion: 43 Resp: 5977

Ion Ratio Lower Upper

43 100

58 27.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

2500

2000

1500

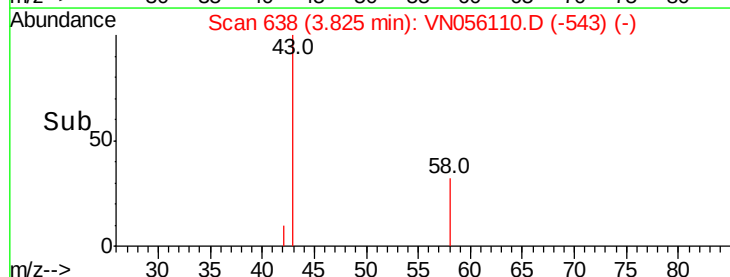
1000

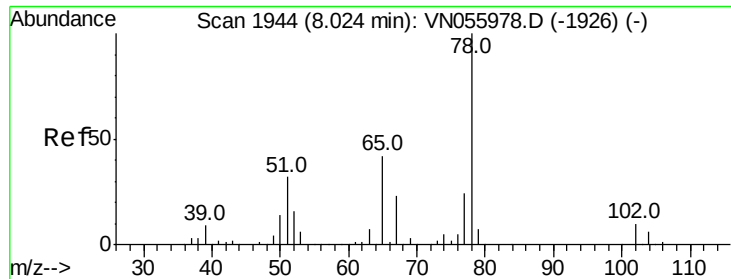
500

0

3.75 3.80 3.85 3.90

Time-->

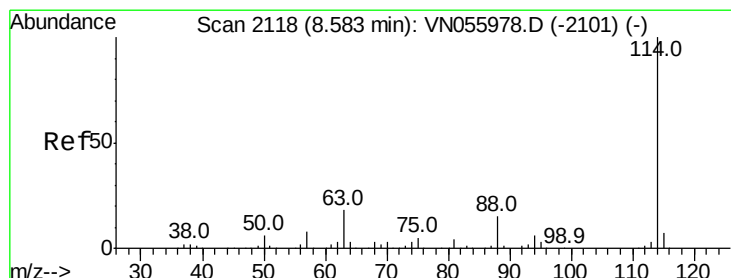
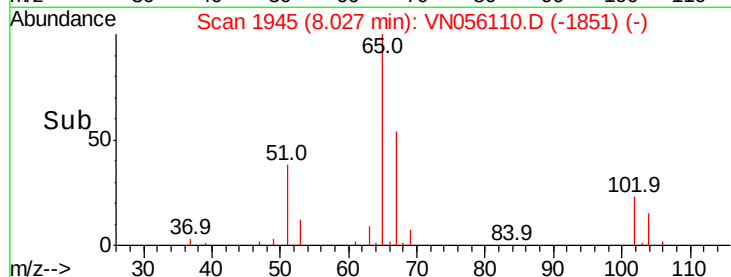
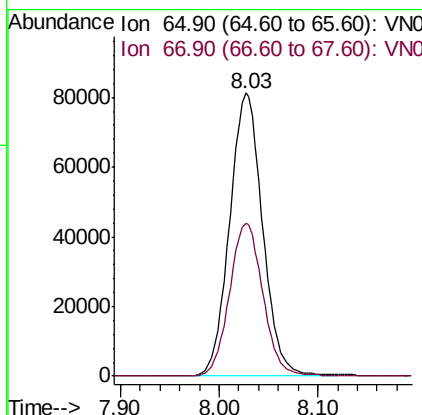
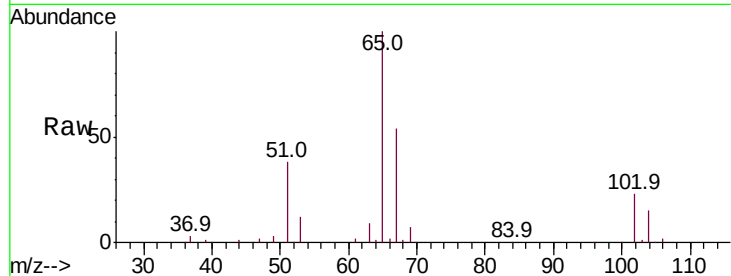




#33
 1,2-Dichloroethane-d4
 Concen: 52.364 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056110.D
 Acq: 7 Jun 2019 20:10

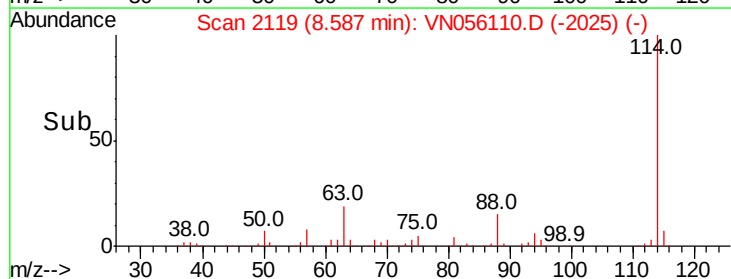
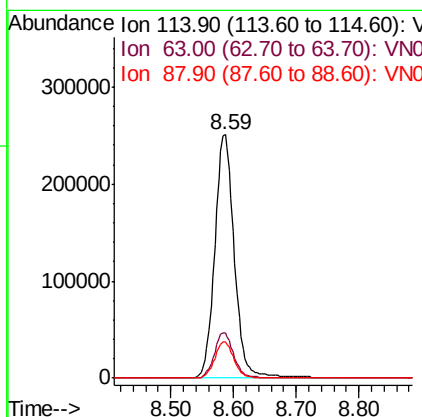
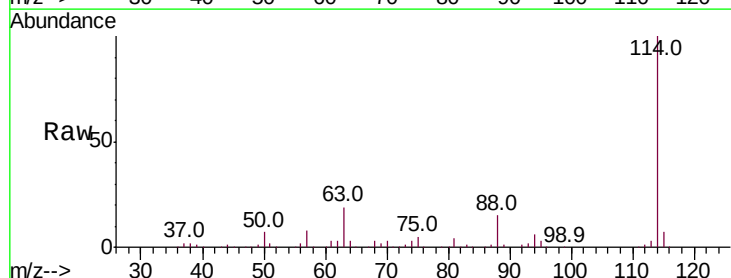
Instrument :
 MSVOA_N
 ClientSampleId :
 LF015RW009-190604

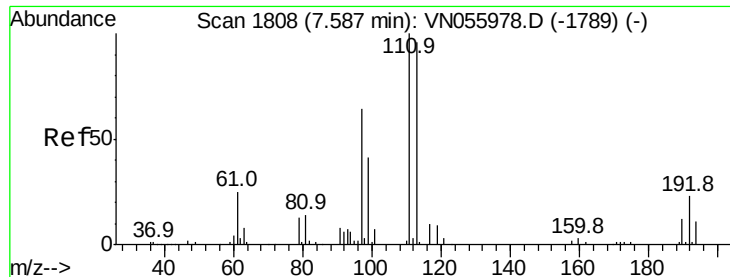
Tot Ion: 65 Resp: 189094
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056110.D
 Acq: 7 Jun 2019 20:10

Tgt Ion: 114 Resp: 543957
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.7 0.0 31.0

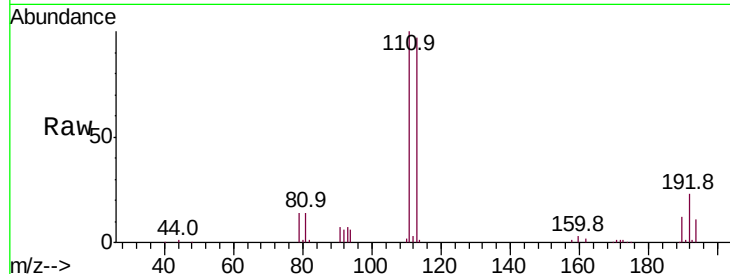




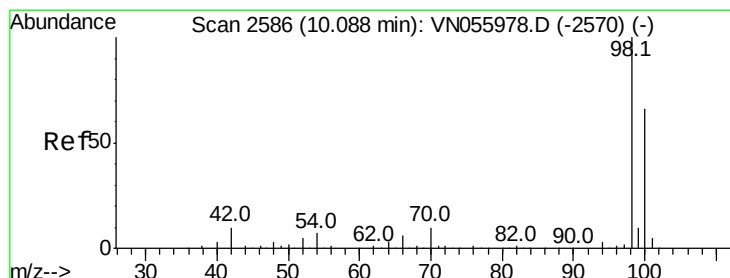
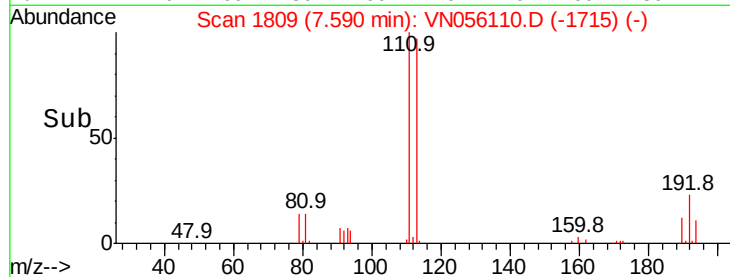
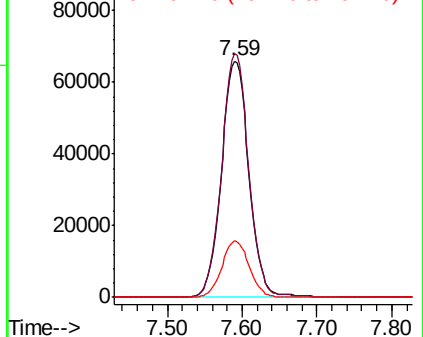
#35
 Dibromofluoromethane
 Concen: 50.205 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056110.D
 Acq: 7 Jun 2019 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015RW009-190604

Tot Ion:113 Resp: 167553
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 23.8 19.5 29.3

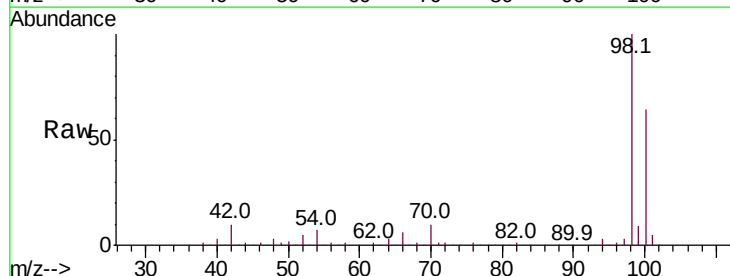


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

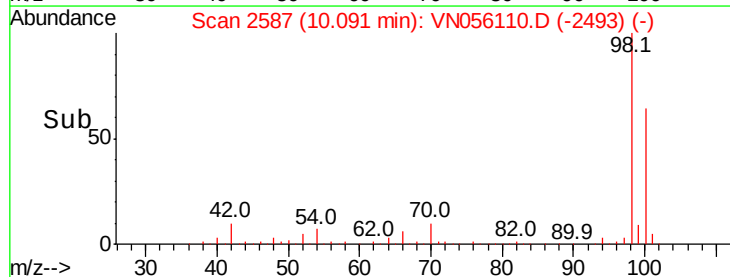
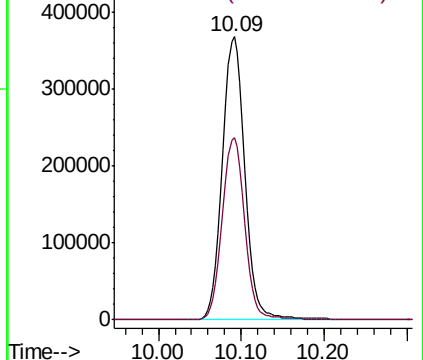


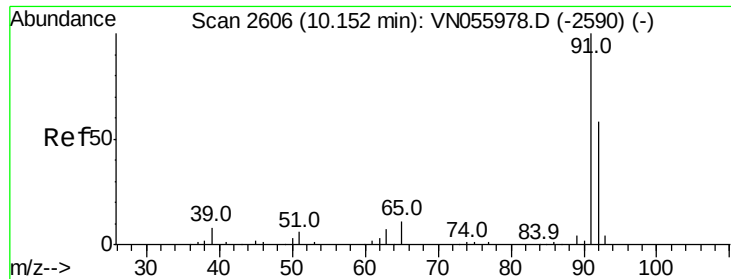
#50
 Toluene-d8
 Concen: 54.204 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056110.D
 Acq: 7 Jun 2019 20:10

Tgt Ion: 98 Resp: 696101
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 46.771 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056110.D

Acq: 7 Jun 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

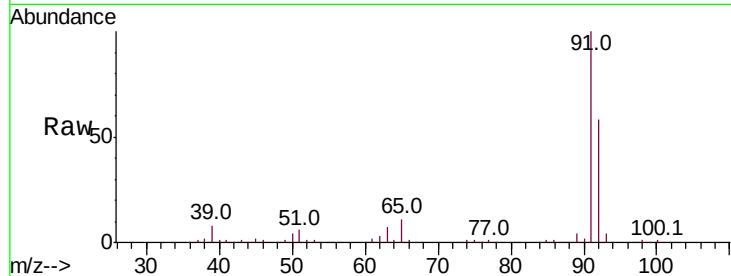
LF015RW009-190604

Tot Ion: 92 Resp: 413448

Ion Ratio Lower Upper

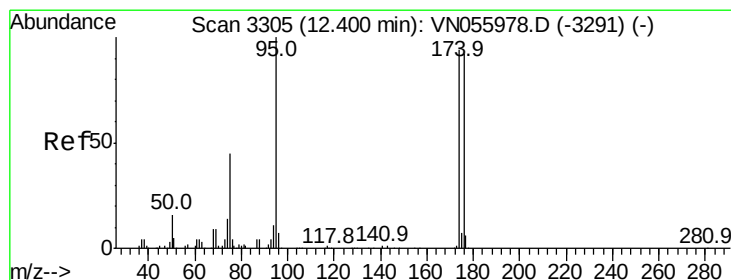
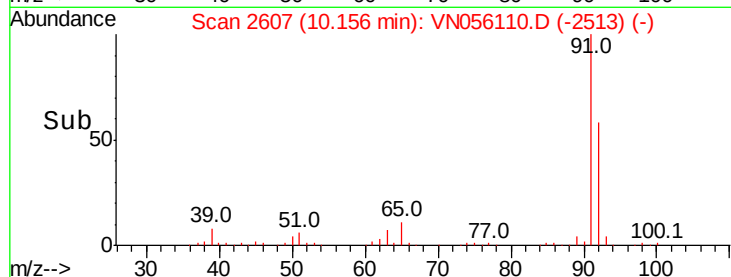
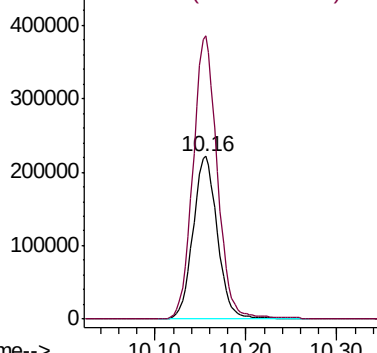
92 100

91 173.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 50.049 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN056110.D

Acq: 7 Jun 2019 20:10

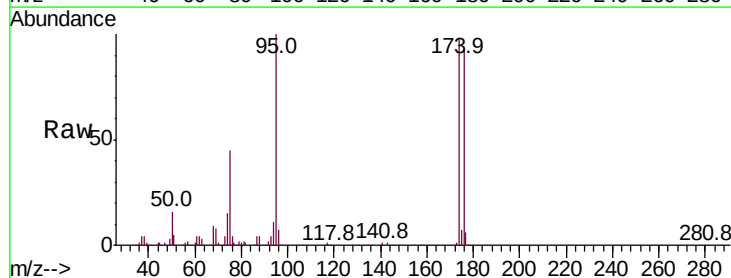
Tgt Ion: 95 Resp: 218578

Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.0

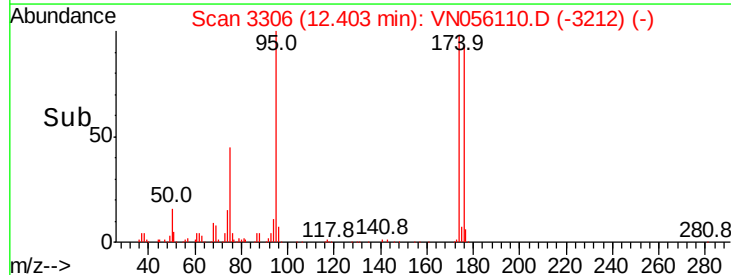
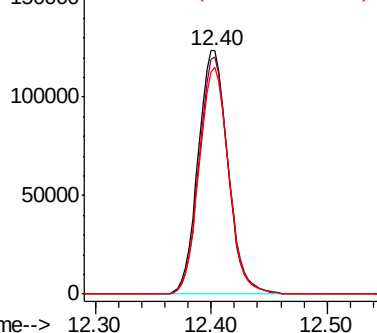
176 92.4 0.0 185.2

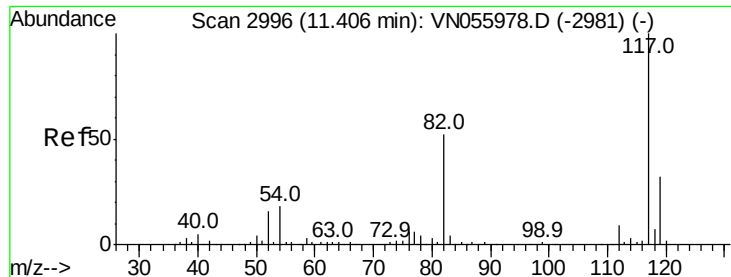


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

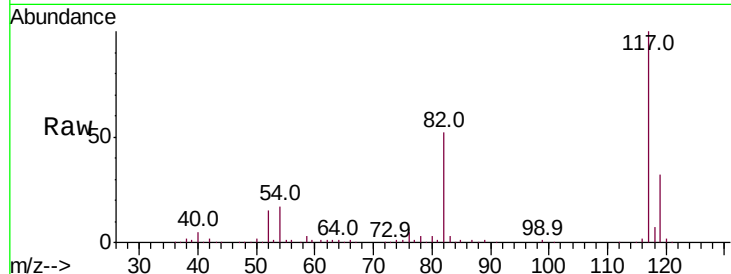




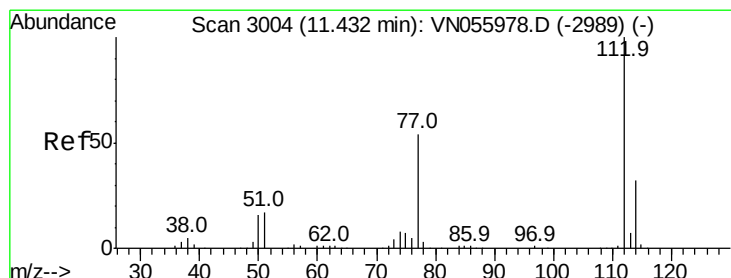
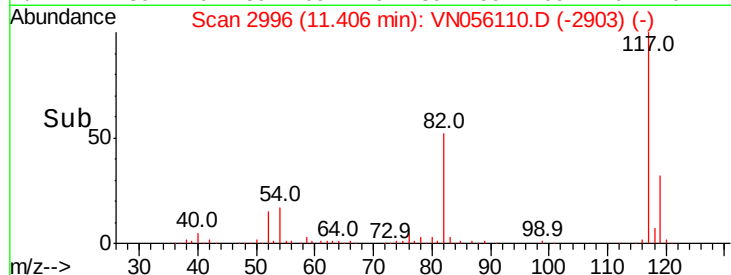
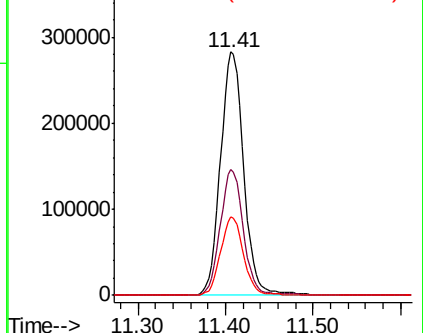
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056110.D
Acq: 7 Jun 2019 20:10

Instrument :
MSVOA_N
ClientSampleId :
LF015RW009-190604

Tot Ion:117 Resp: 520790
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.2 25.4 38.0

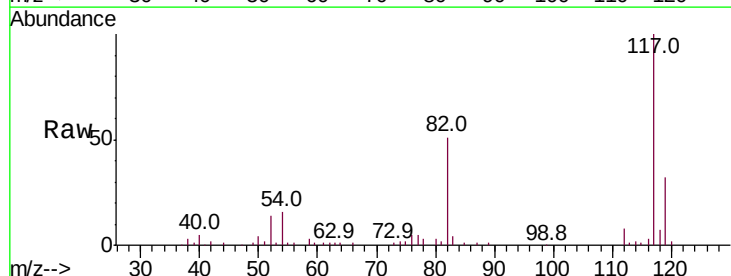


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

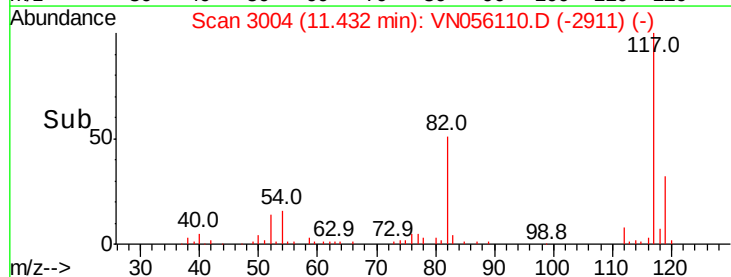
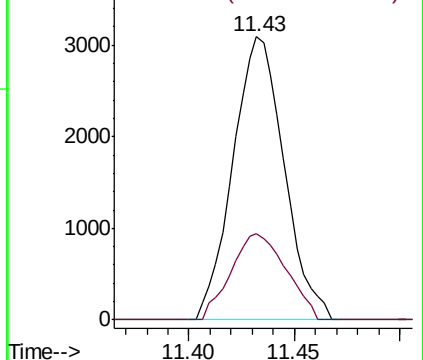


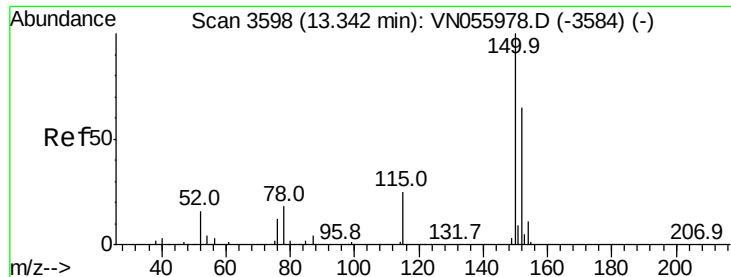
#65
Chlorobenzene
Concen: 0.504 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056110.D
Acq: 7 Jun 2019 20:10

Tgt Ion:112 Resp: 5219
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VN056110.D

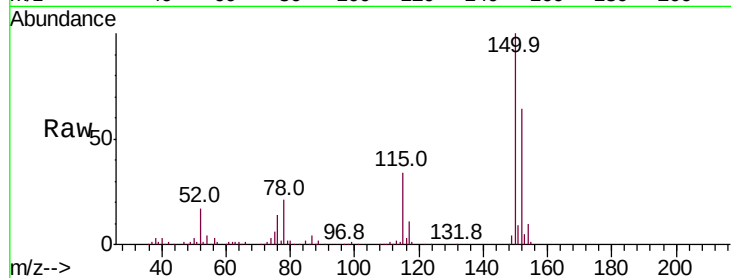
Acq: 7 Jun 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

LF015RW009-190604



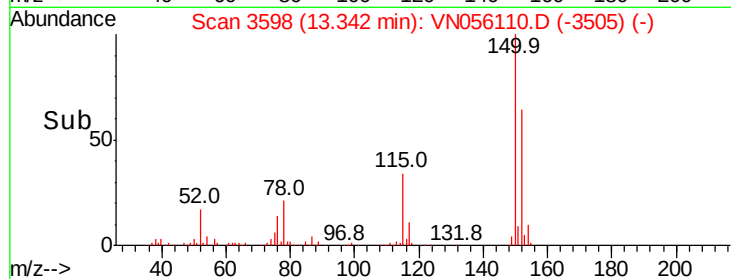
Tot Ion:152 Resp: 164896

Ion Ratio Lower Upper

152 100

115 53.4 27.0 81.0

150 155.5 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

