

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052238.D
 Acq On : 9 Nov 2018 20:15
 Operator : MD\SY
 Sample : J5897-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CARBON-DNM

Quant Time: Nov 12 09:22:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

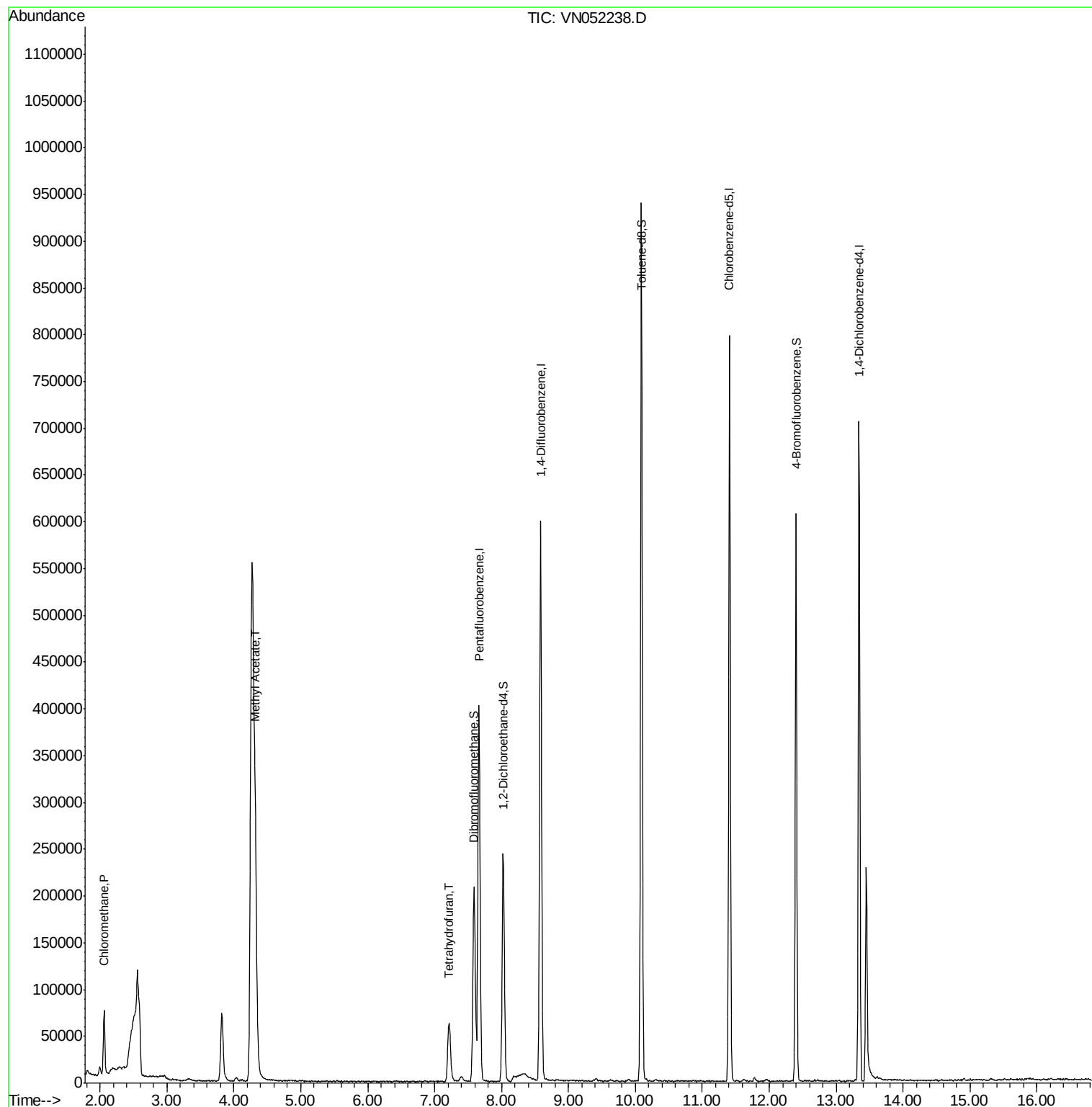
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	310587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	512729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	429815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	194447	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
35) Dibromofluoromethane	7.59	113	154259	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
50) Toluene-d8	10.09	98	630796	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.40	95	191381	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
3) Chloromethane	2.06	50	67139	14.242	ug/l	95
18) Methyl Acetate	4.32	43	234783	66.150	ug/l	100
29) Tetrahydrofuran	7.21	42	61374	52.045	ug/l	98

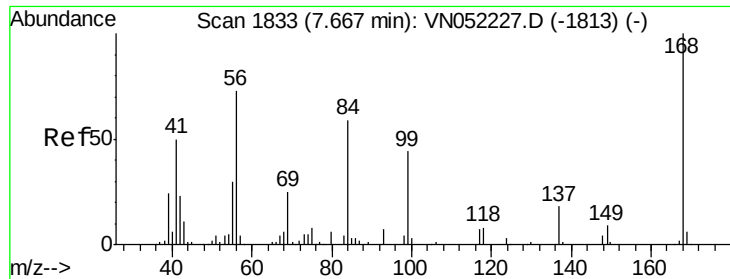
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110918\
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Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 2018
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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: VN052238.D

Acq: 9 Nov 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

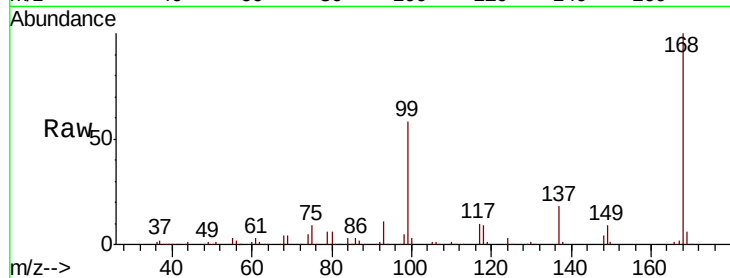
CARBON-DNM

Tot Ion:168 Resp: 310587

Ion Ratio Lower Upper

168 100

99 58.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

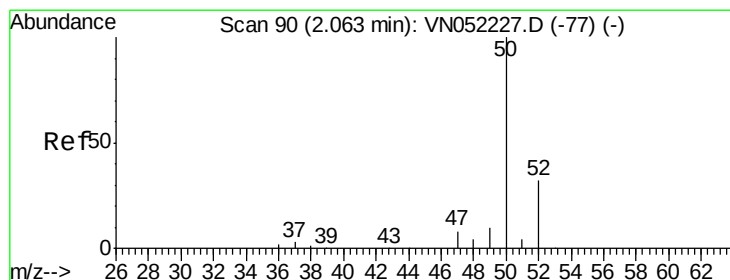
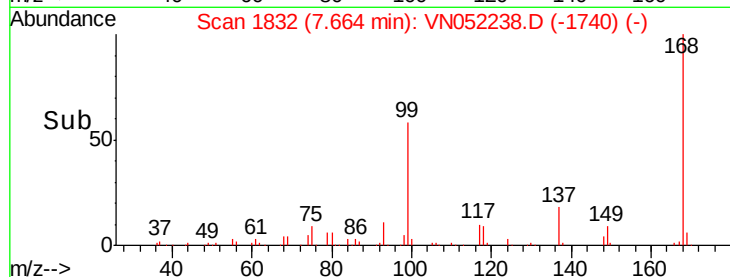
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 14.242 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052238.D

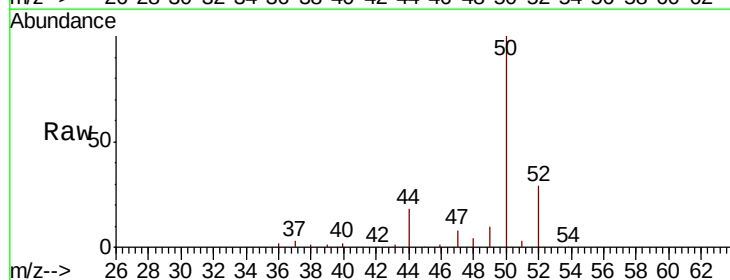
Acq: 9 Nov 2018 20:15

Tgt Ion: 50 Resp: 67139

Ion Ratio Lower Upper

50 100

52 29.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

50000

40000

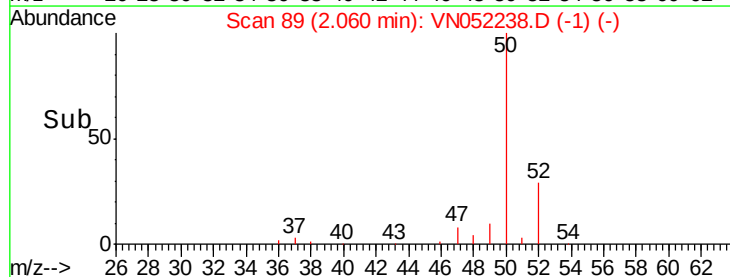
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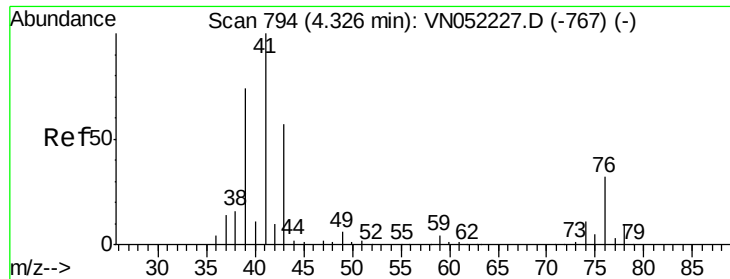
20000

10000

0

Time-->

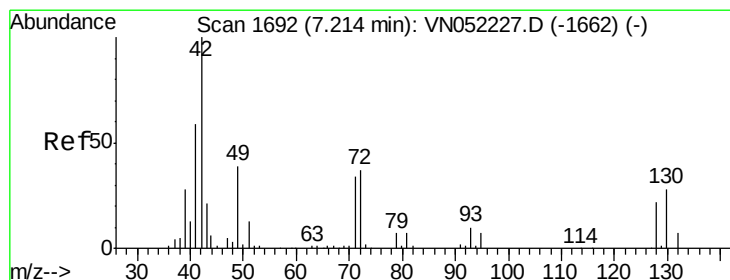
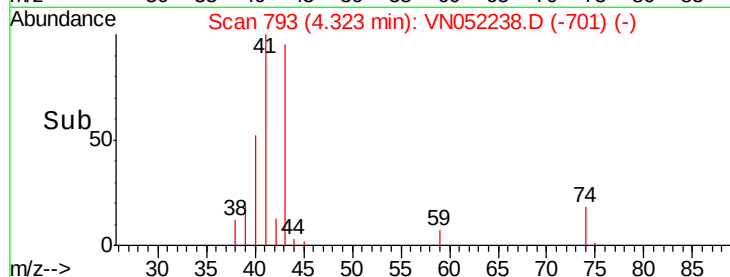
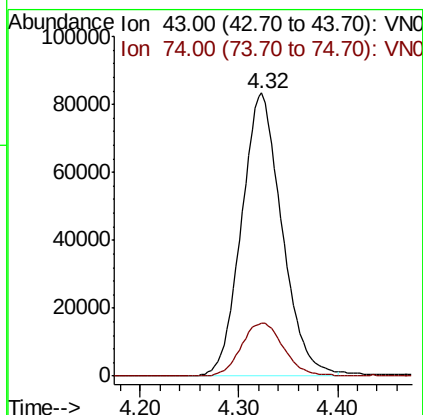
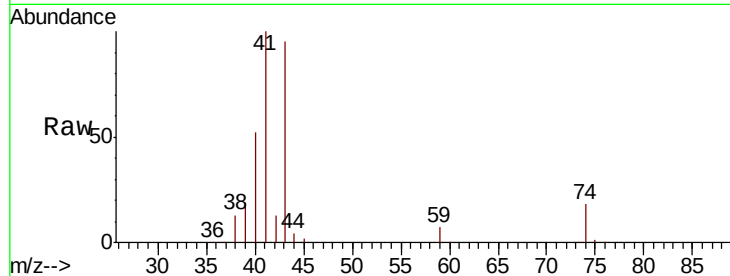




#18
Methvl Acetate
Concen: 66.150 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052238.D
Acq: 9 Nov 2018 20:15

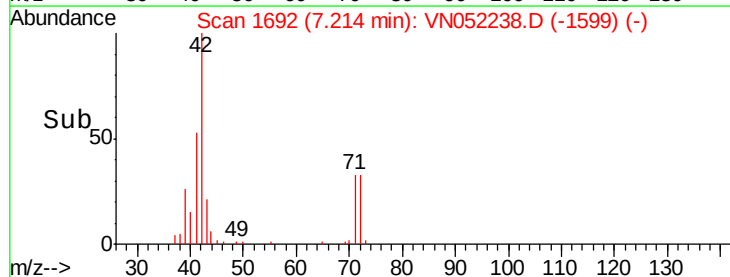
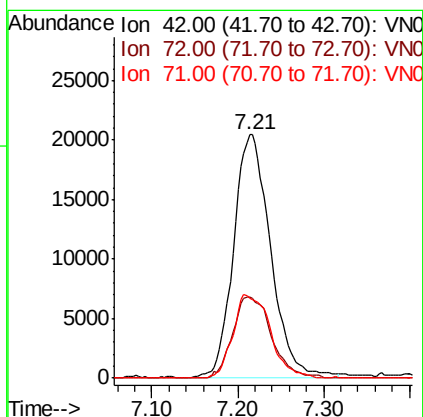
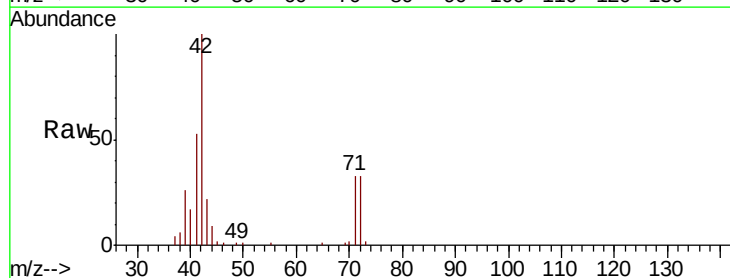
Instrument :
MSVOA_N
ClientSampleId :
CARBON-DNM

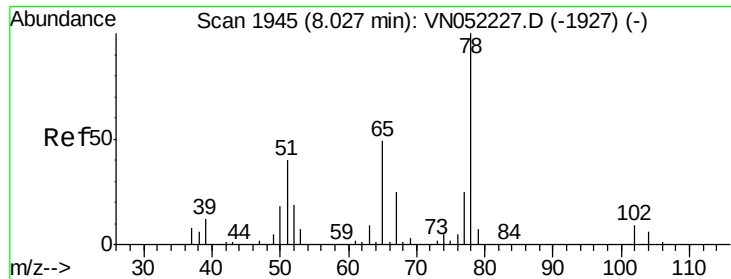
Tot Ion: 43 Resp: 234783
Ion Ratio Lower Upper
43 100
74 20.0 16.2 24.2



#29
Tetrahydrofuran
Concen: 52.045 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052238.D
Acq: 9 Nov 2018 20:15

Tgt Ion: 42 Resp: 61374
Ion Ratio Lower Upper
42 100
72 34.4 28.6 43.0
71 34.3 27.1 40.7

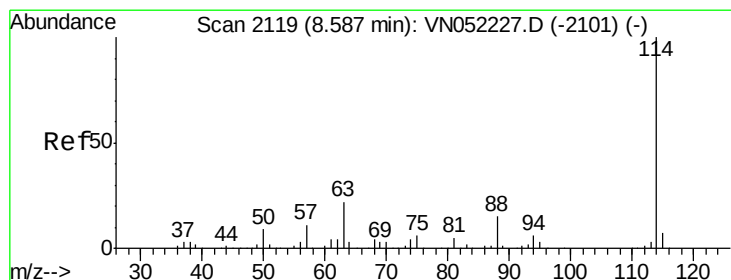
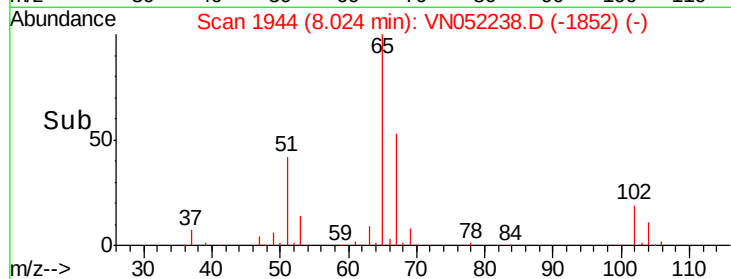
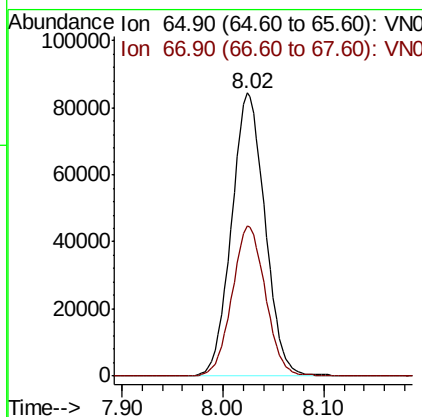
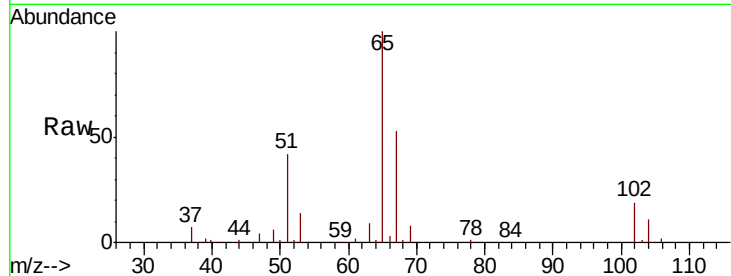




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN052238.D
 Acq: 9 Nov 2018 20:15

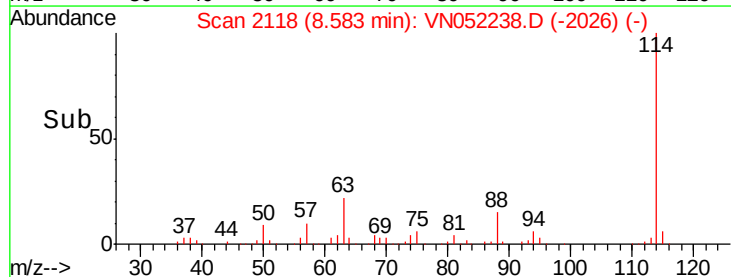
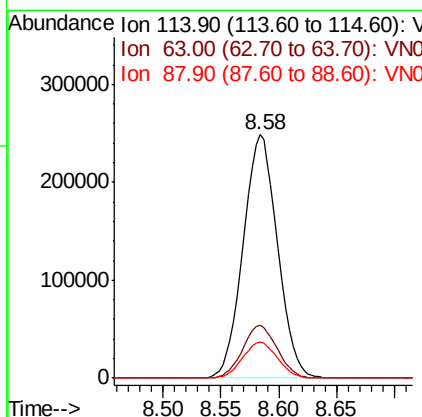
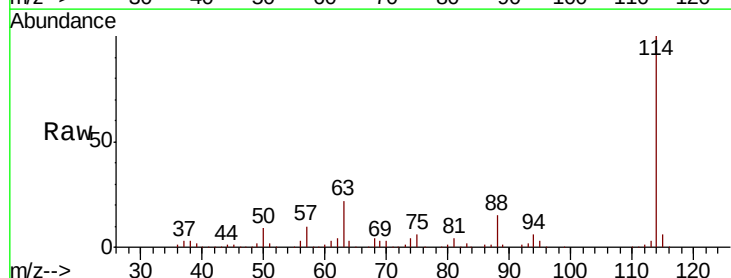
Instrument :
 MSVOA_N
 ClientSampleId :
 CARBON-DNM

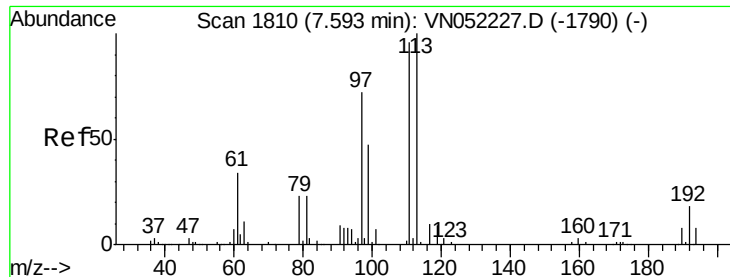
Tot Ion: 65 Resp: 194447
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052238.D
 Acq: 9 Nov 2018 20:15

Tgt Ion: 114 Resp: 512729
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 14.9 0.0 30.2

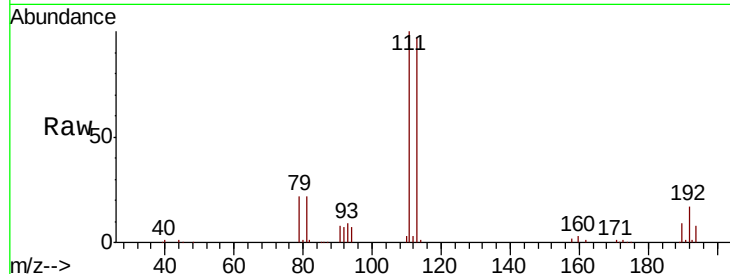




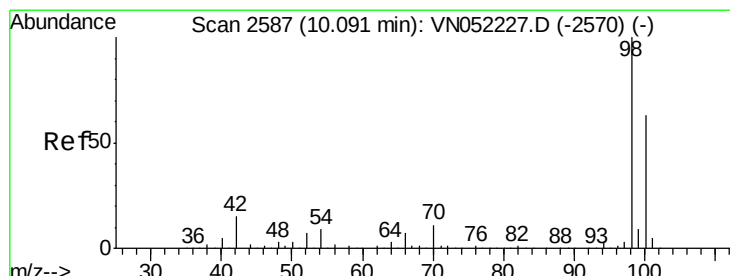
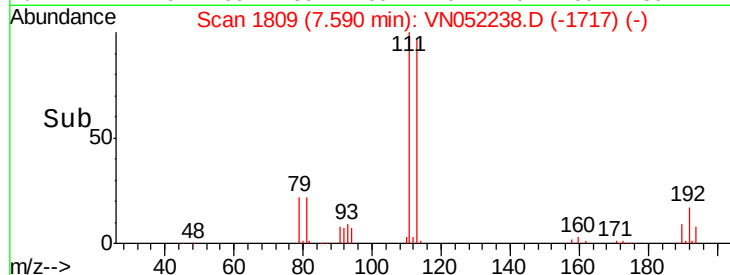
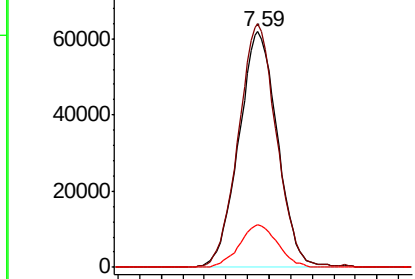
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052238.D
 Acq: 9 Nov 2018 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 CARBON-DNM

Tot Ion:113 Resp: 154259
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.2 120.4
 192 17.8 14.1 21.1

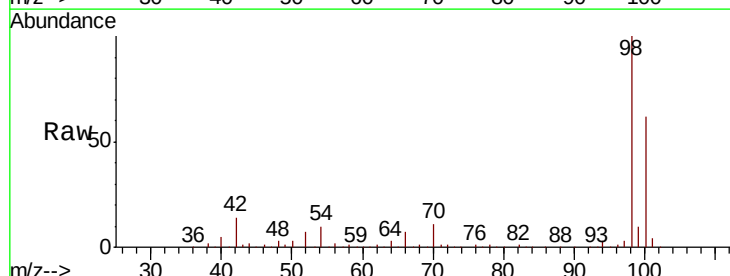


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

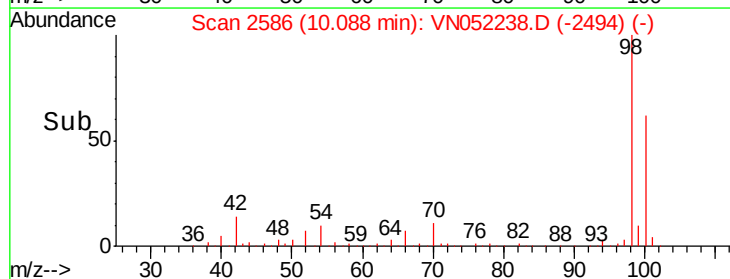
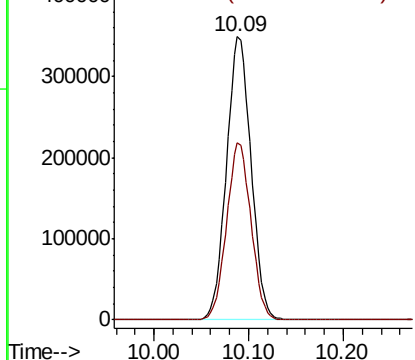


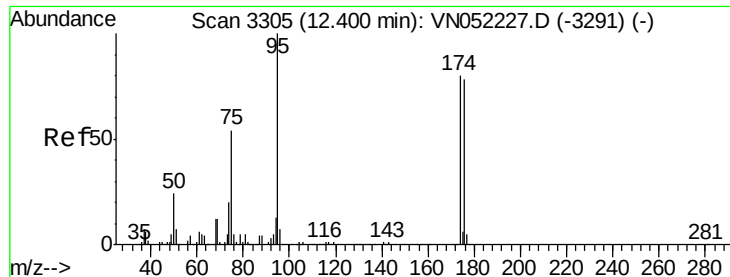
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN052238.D
 Acq: 9 Nov 2018 20:15

Tgt Ion: 98 Resp: 630796
 Ion Ratio Lower Upper
 98 100
 100 61.9 50.2 75.2



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052238.D

Acq: 9 Nov 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

CARBON-DNM

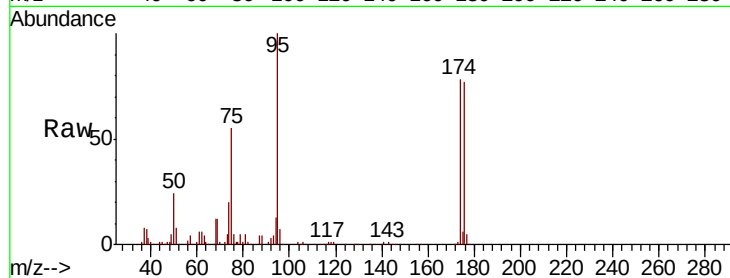
Tot Ion: 95 Resp: 191381

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.4

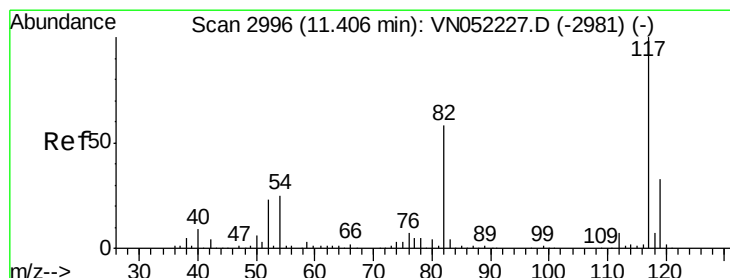
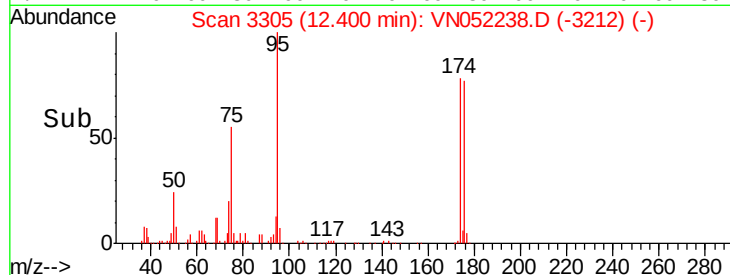
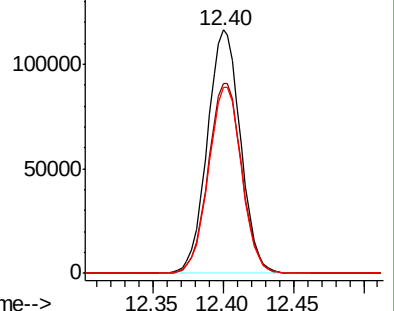
176 76.5 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN052238.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN052238.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN052238.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052238.D

Acq: 9 Nov 2018 20:15

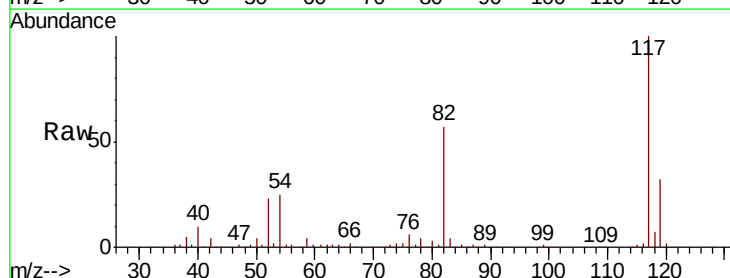
Tgt Ion: 117 Resp: 429815

Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.2

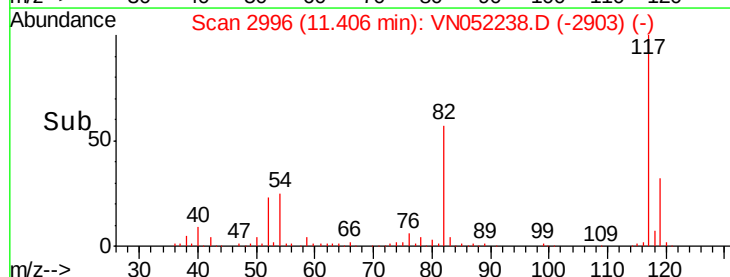
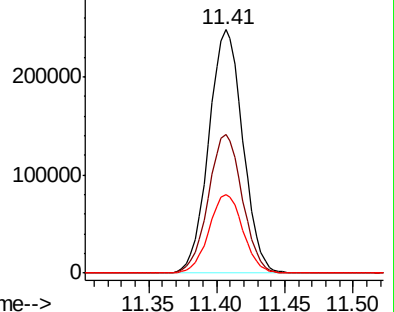
119 32.2 26.2 39.4

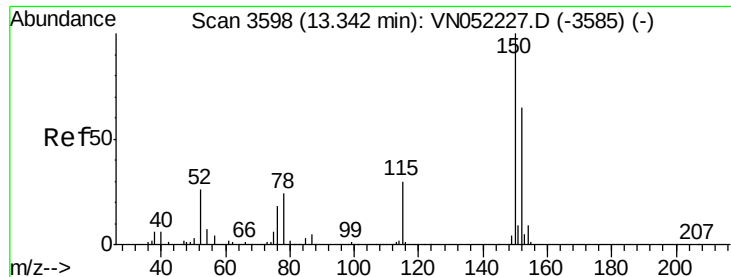


Abundance Ion 116.90 (116.60 to 117.60): VN052238.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052238.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052238.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052238.D

Acq: 9 Nov 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

CARBON-DNM

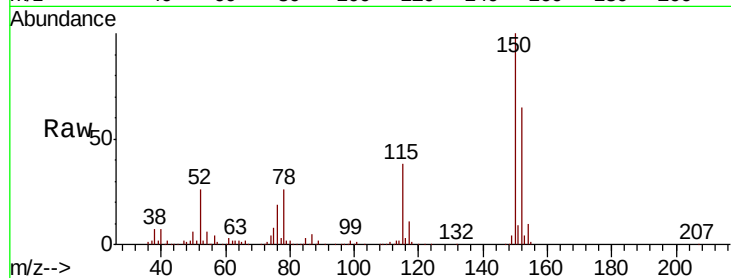
Tot Ion:152 Resp: 176658

Ion Ratio Lower Upper

152 100

115 60.0 29.8 89.5

150 156.0 0.0 350.2



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

