

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056358.D
 Acq On : 18 Jun 2019 12:09
 Operator : JC/SP
 Sample : K3158-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-061719

Quant Time: Jun 19 02:29:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

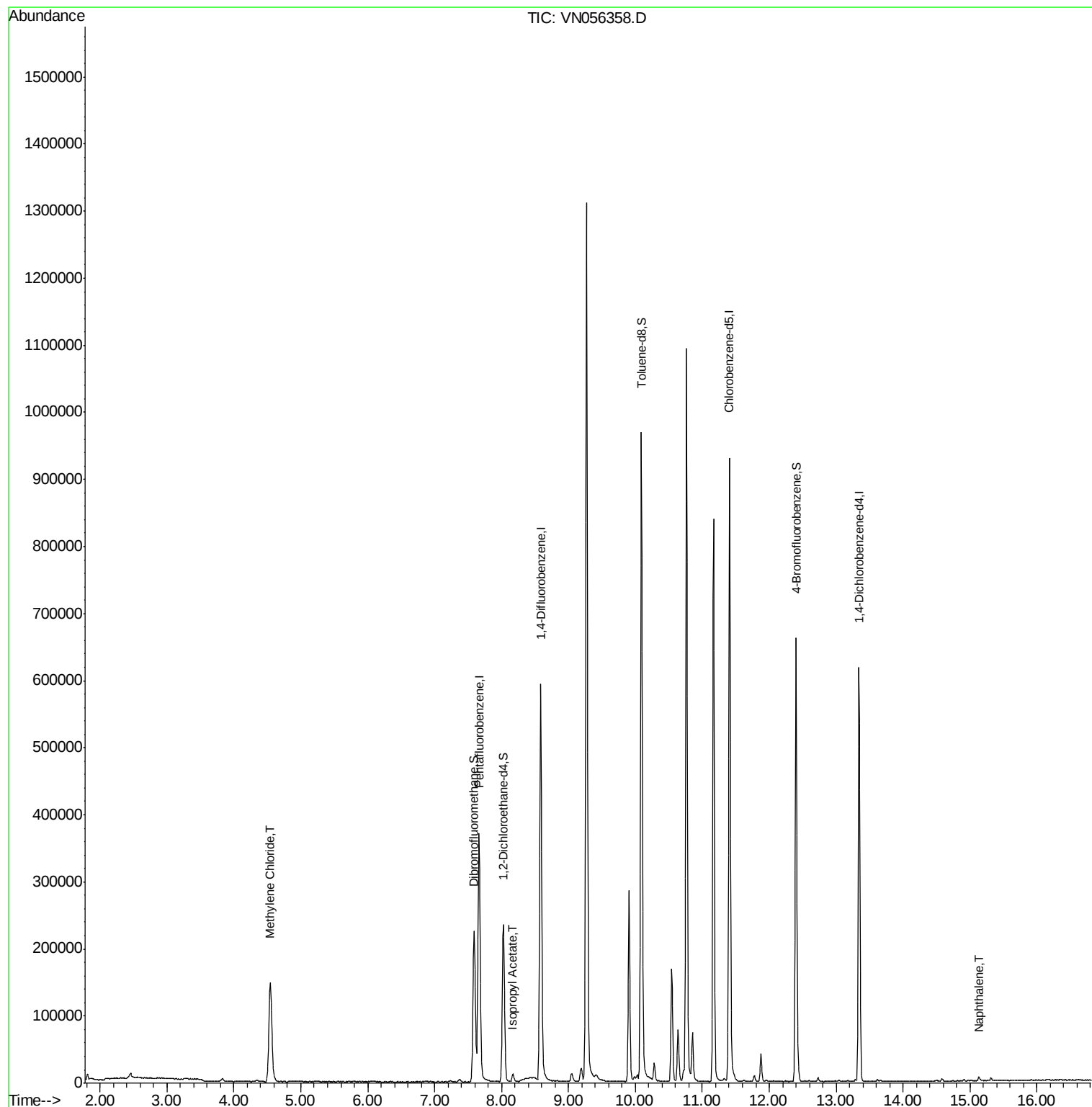
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	337907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	574395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	585824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	197244	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	7.59	113	173915	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
50) Toluene-d8	10.09	98	729316	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	239115	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
Target Compounds						
20) Methylene Chloride	4.55	84	118693	32.017	ug/l	98
43) Isopropyl Acetate	8.17	43	13314	1.699	ug/l	98
95) Naphthalene	15.13	128	6158	5.324	ug/l #	92

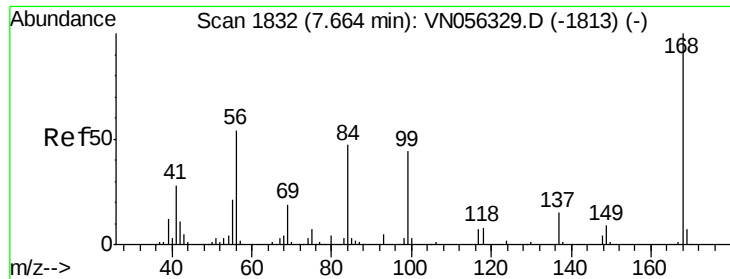
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056358.D

Acq: 18 Jun 2019 12:09

Instrument :

MSVOA_N

ClientSampleId :

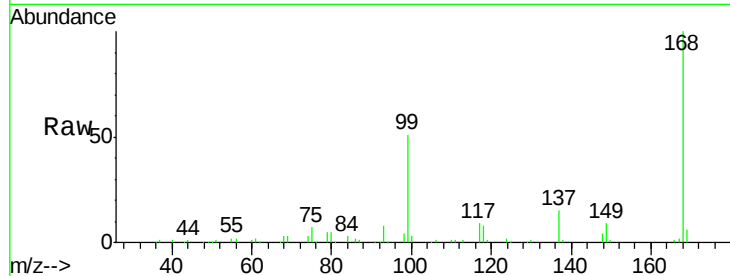
OK-01-061719

Tot Ion:168 Resp: 337907

Ion Ratio Lower Upper

168 100

99 50.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

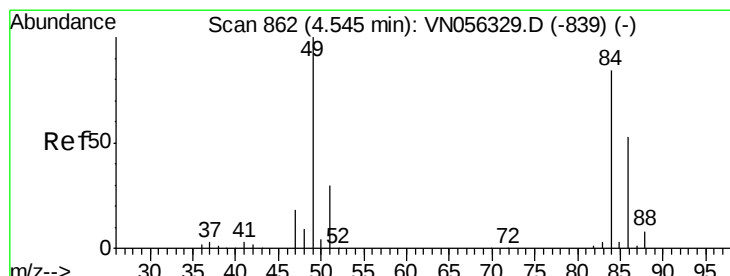
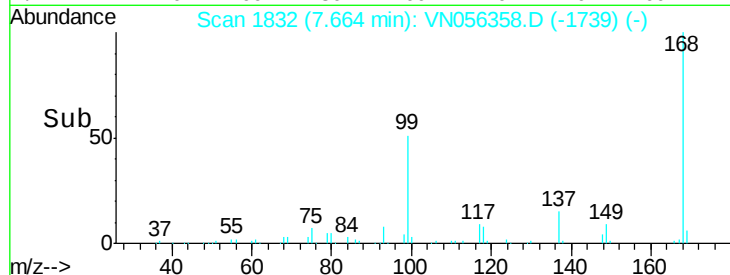
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 32.017 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056358.D

Acq: 18 Jun 2019 12:09

Tgt Ion: 84 Resp: 118693

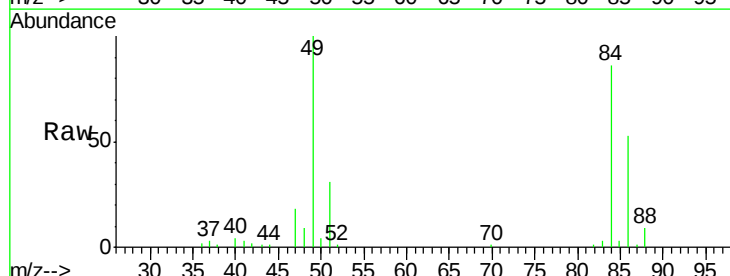
Ion Ratio Lower Upper

84 100

49 116.2 95.0 142.6

51 36.0 28.2 42.4

86 61.3 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

60000

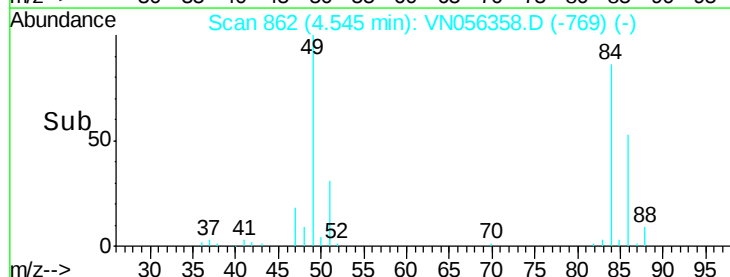
40000

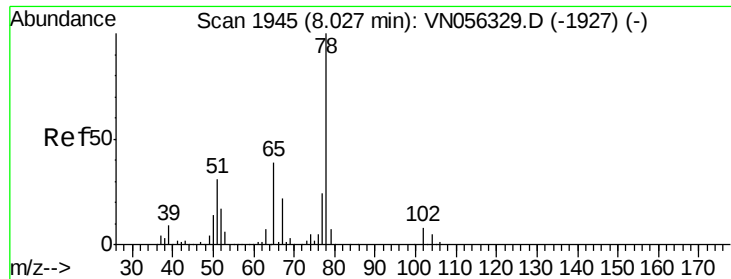
20000

0

Time-->

4.40 4.50 4.60 4.70

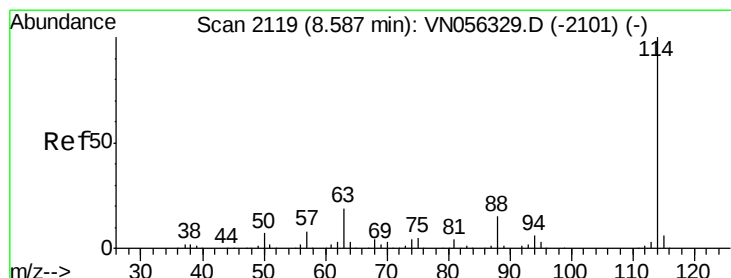
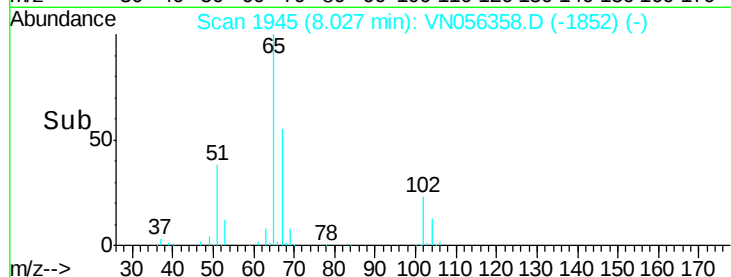
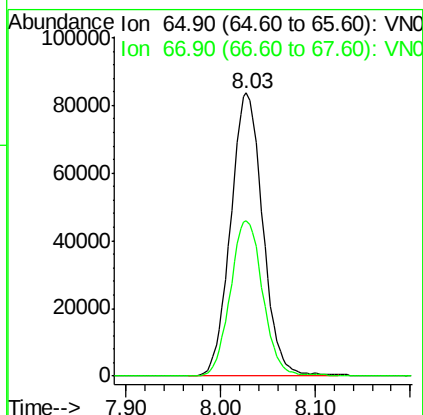
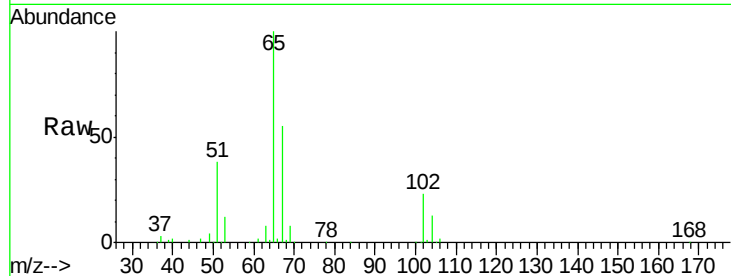




#33
 1,2-Dichloroethane-d4
 Concen: 51.914 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056358.D
 Acq: 18 Jun 2019 12:09

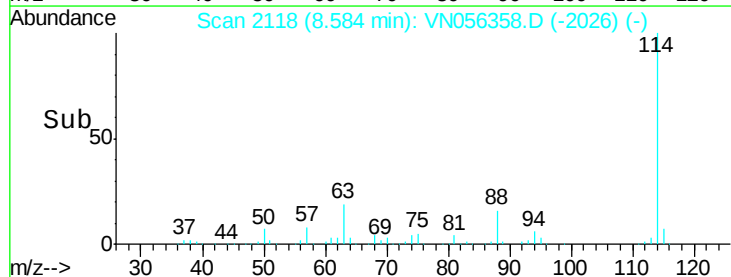
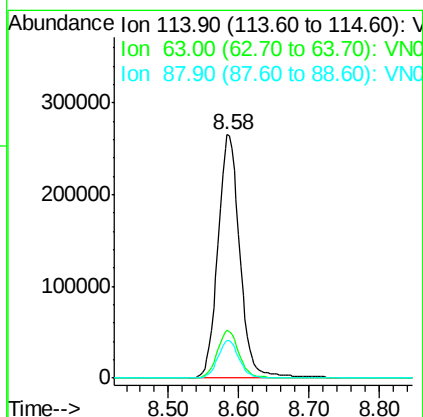
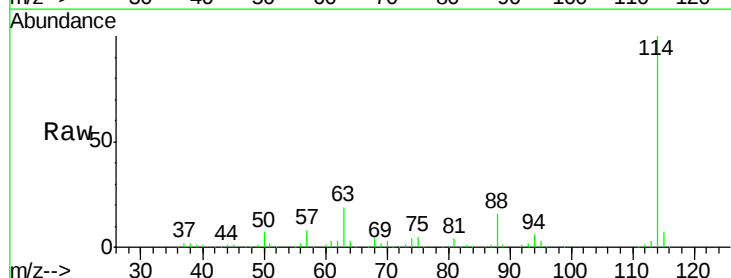
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-061719

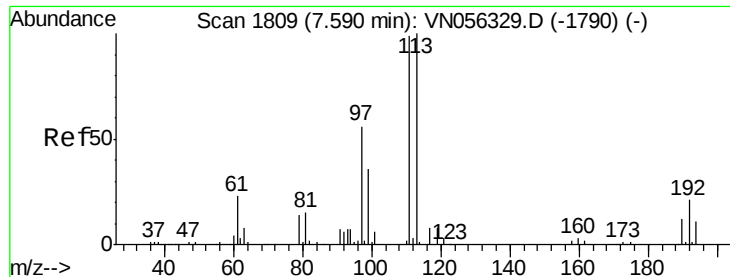
Tot Ion: 65 Resp: 197244
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056358.D
 Acq: 18 Jun 2019 12:09

Tgt Ion: 114 Resp: 574395
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.215 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056358.D

Acq: 18 Jun 2019 12:09

Instrument :

MSVOA_N

ClientSampleId :

OK-01-061719

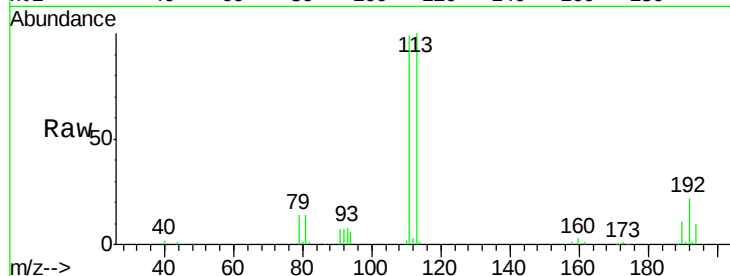
Tot Ion:113 Resp: 173915

Ion Ratio Lower Upper

113 100

111 101.4 82.1 123.1

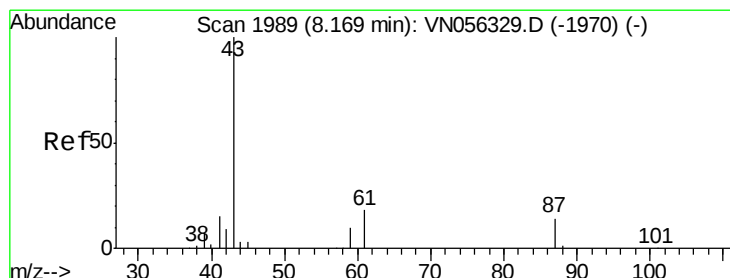
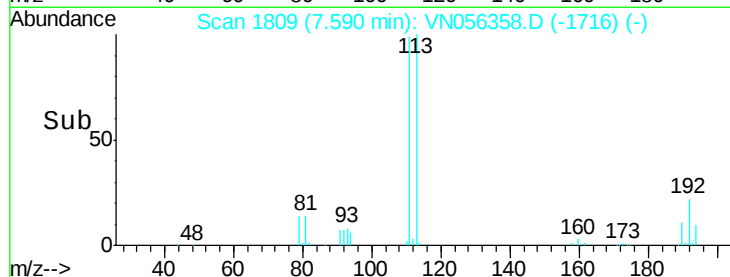
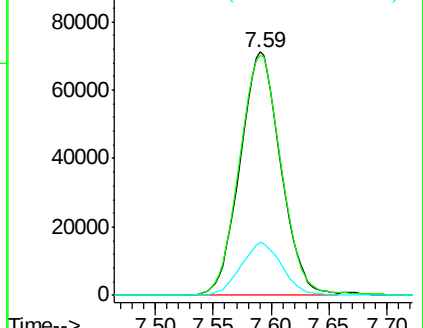
192 21.8 17.6 26.4



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



#43

Isopropyl Acetate

Concen: 1.699 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056358.D

Acq: 18 Jun 2019 12:09

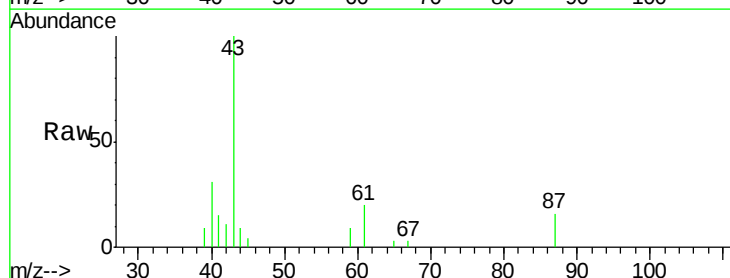
Tgt Ion: 43 Resp: 13314

Ion Ratio Lower Upper

43 100

61 19.9 16.6 25.0

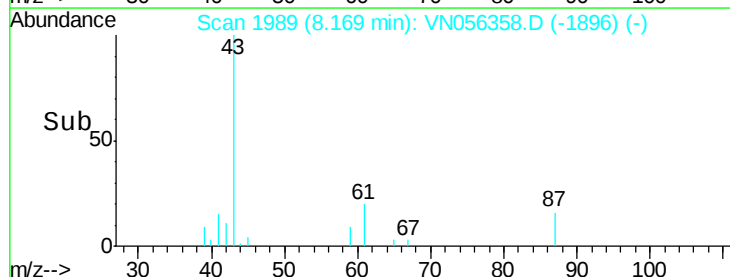
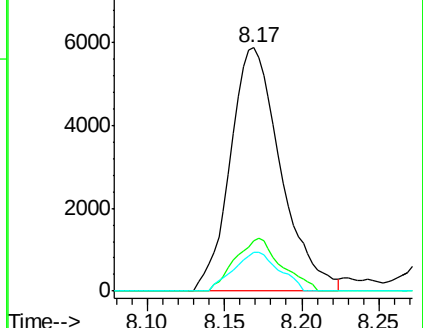
87 14.4 11.0 16.4

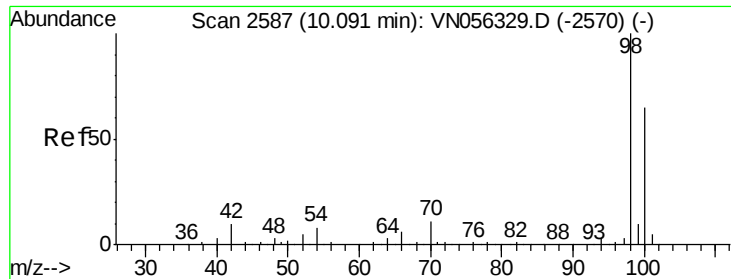


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.828 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056358.D

Acq: 18 Jun 2019 12:09

Instrument :

MSVOA_N

ClientSampleId :

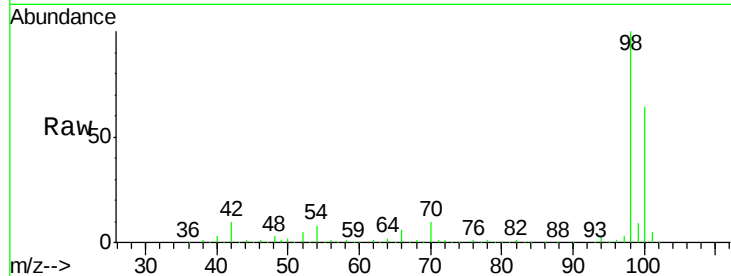
OK-01-061719

Tot Ion: 98 Resp: 729316

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN056329.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056329.D (-2570) (-)

10.09

400000

300000

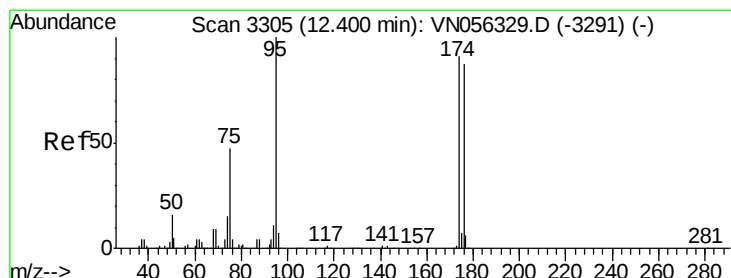
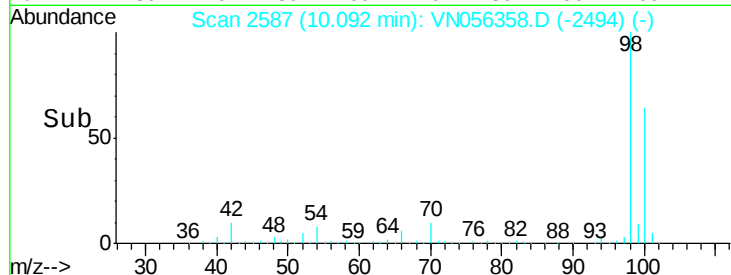
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 51.279 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056358.D

Acq: 18 Jun 2019 12:09

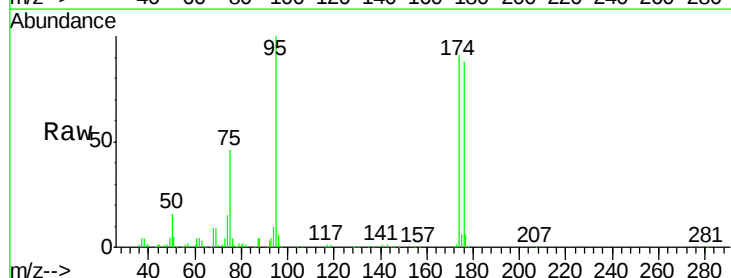
Tgt Ion: 95 Resp: 239115

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.6

176 88.1 0.0 176.8



Abundance Ion 94.90 (94.60 to 95.60): VN056329.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056329.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056329.D (-3291) (-)

12.40

150000

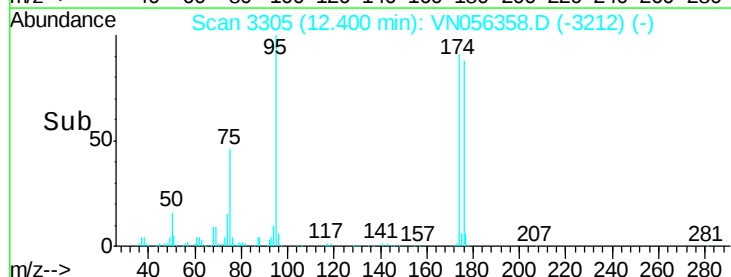
100000

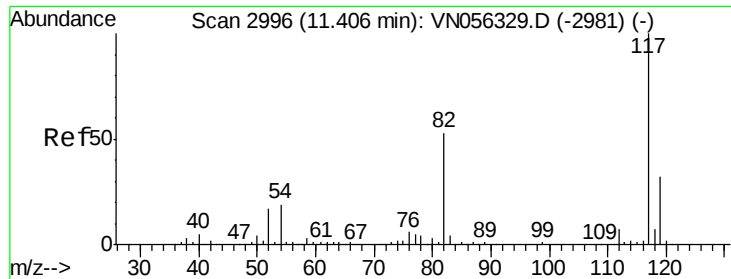
50000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056358.D

Acq: 18 Jun 2019 12:09

Instrument :

MSVOA_N

ClientSampleId :

OK-01-061719

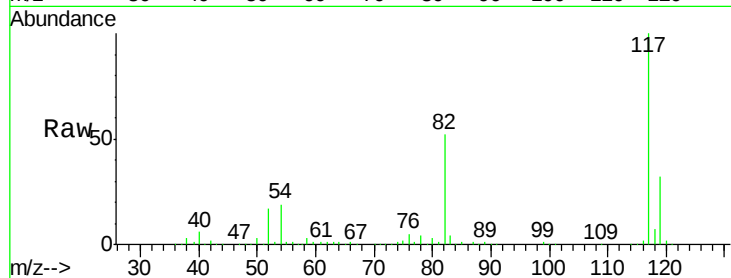
Tot Ion:117 Resp: 585824

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

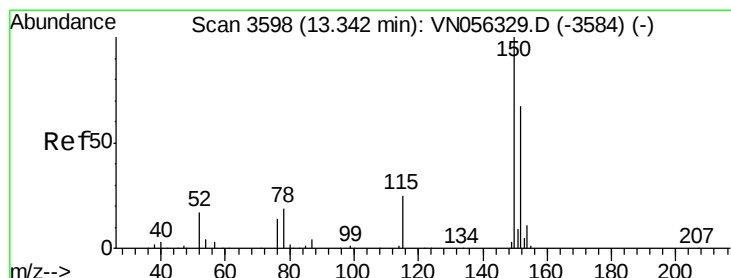
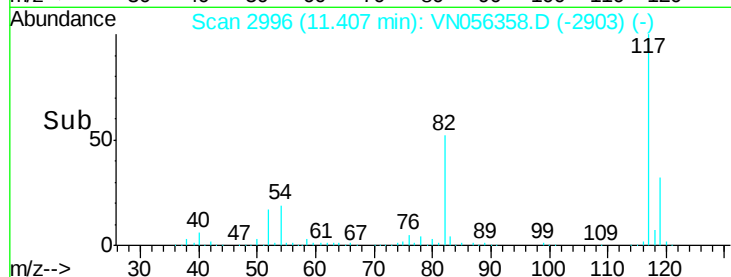
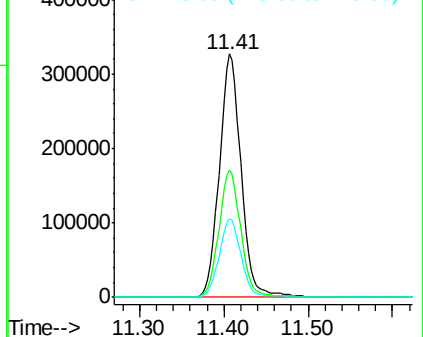
119 32.5 26.0 39.0



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: VN056358.D

Acq: 18 Jun 2019 12:09

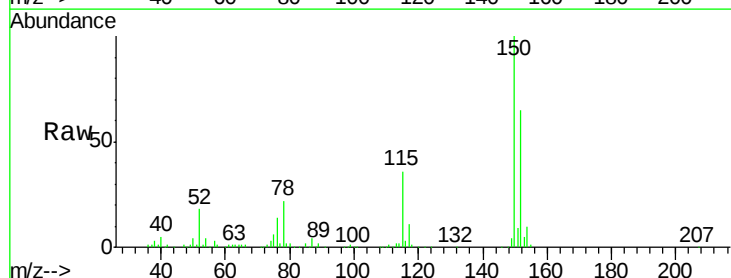
Tgt Ion:152 Resp: 183949

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

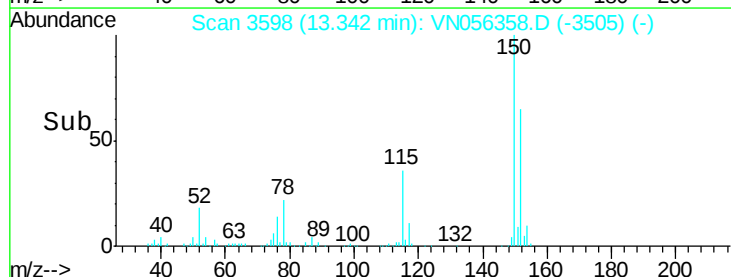
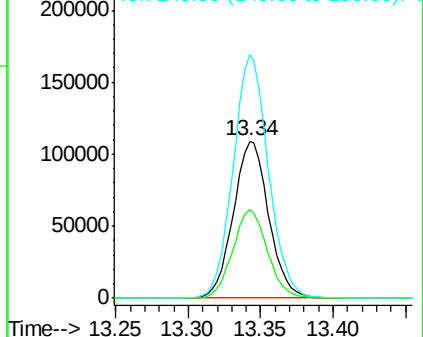
150 154.7 0.0 345.8

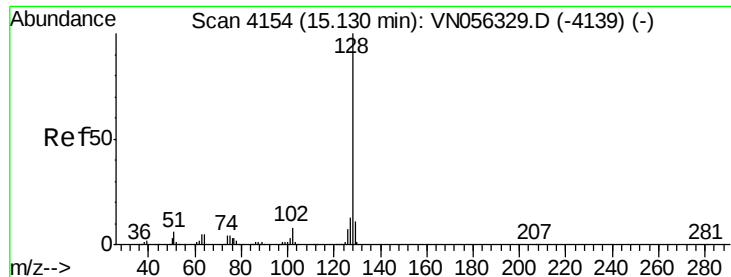


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

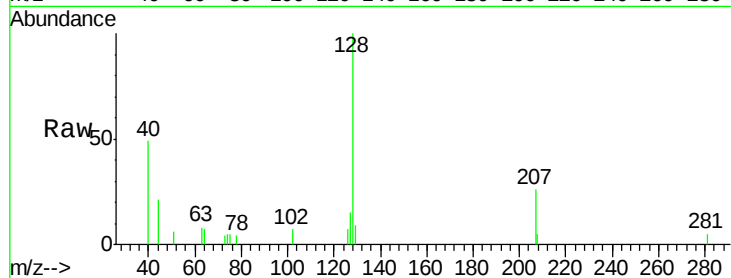




#95
Naphthalene
Concen: 5.324 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056358.D
Acq: 18 Jun 2019 12:09

Instrument :
MSVOA_N
ClientSampleId :
OK-01-061719

Tot Ion:128 Resp: 6158
Ion Ratio Lower Upper
128 100
127 16.8 10.6 15.8#
129 7.8 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

