

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056365.D
 Acq On : 18 Jun 2019 14:55
 Operator : JC/SP
 Sample : K3163-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-061719-A

Quant Time: Jun 19 03:32:41 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

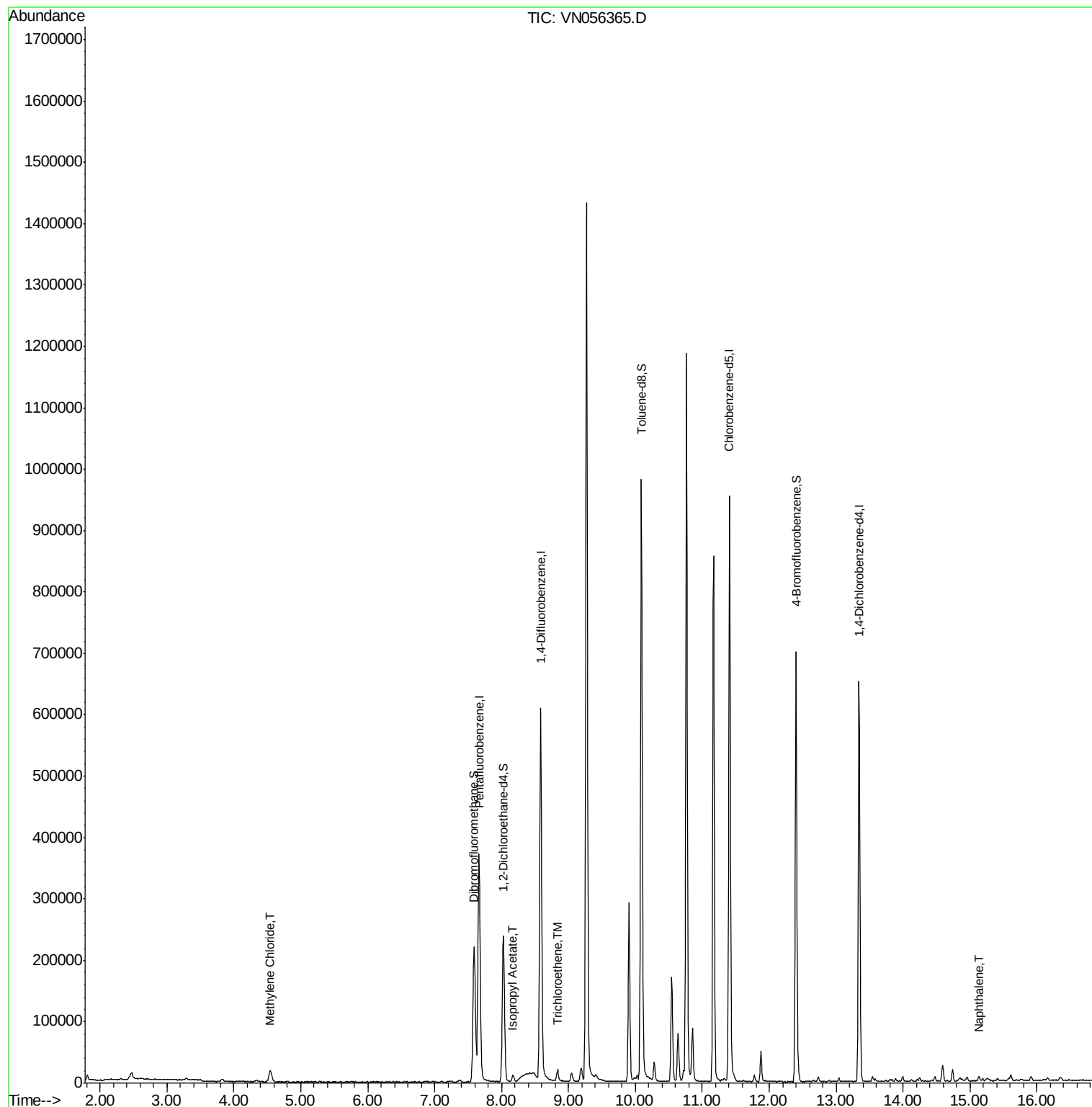
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	347690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	581849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	599282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	202110	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	170408	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	10.09	98	738576	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.40	95	249101	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
Target Compounds						
20) Methylene Chloride	4.55	84	15065	3.949	ug/l	96
43) Isopropyl Acetate	8.17	43	13473	1.697	ug/l	96
44) Trichloroethene	8.83	130	7555	1.749	ug/l	90
95) Naphthalene	15.14	128	7911	5.468	ug/l #	95

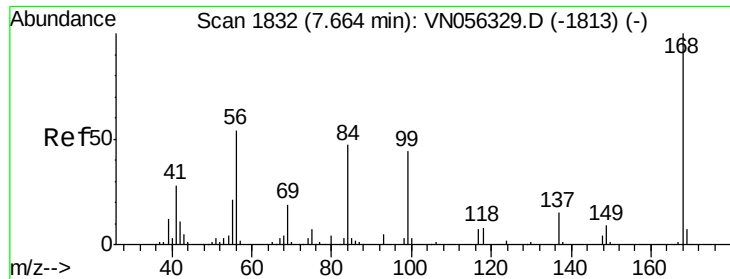
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061819\
Data File : VN056365.D
Acq On : 18 Jun 2019 14:55
Operator : JC/SP
Sample : K3163-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SU-03-061719-A

Quant Time: Jun 19 03:32:41 2019
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: VN056365.D

Acq: 18 Jun 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

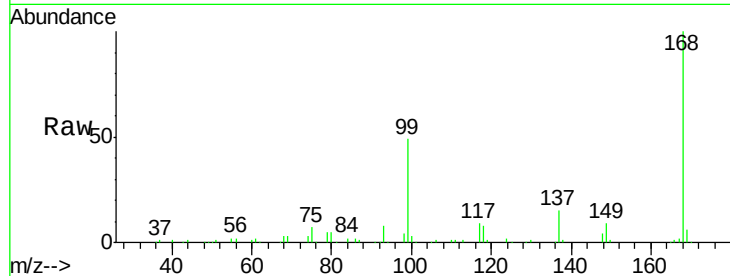
SU-03-061719-A

Tot Ion:168 Resp: 347690

Ion Ratio Lower Upper

168 100

99 49.4 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

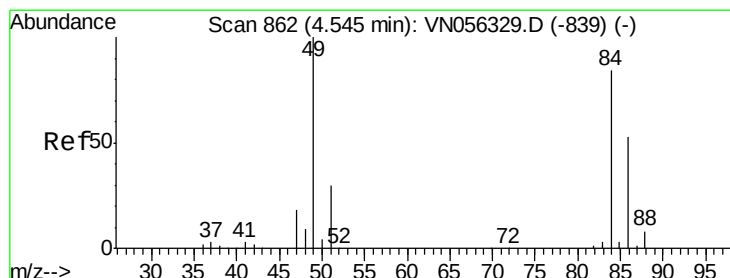
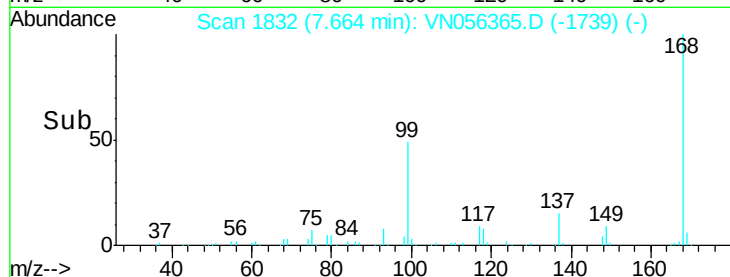
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 3.949 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN056365.D

Acq: 18 Jun 2019 14:55

Tgt Ion: 84 Resp: 15065

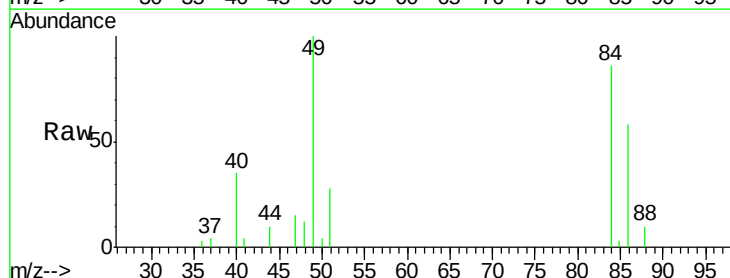
Ion Ratio Lower Upper

84 100

49 115.7 95.0 142.6

51 32.4 28.2 42.4

86 66.6 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

8000

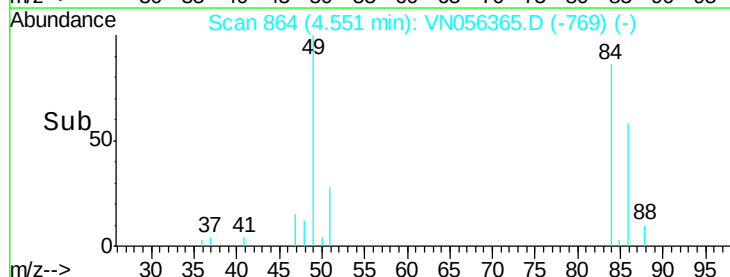
6000

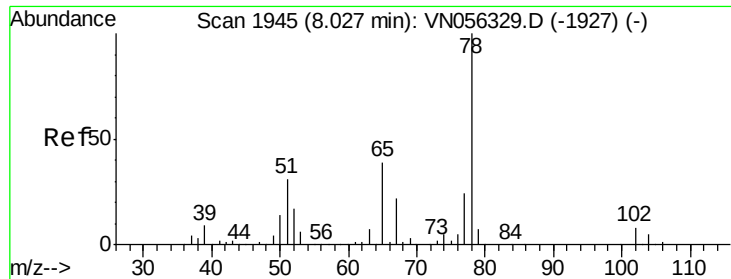
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65

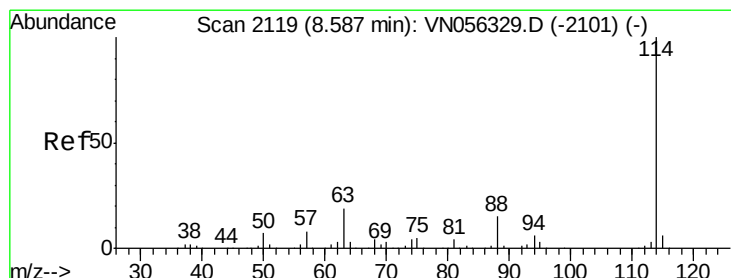
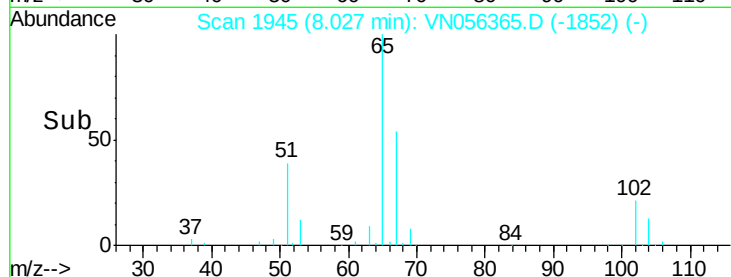
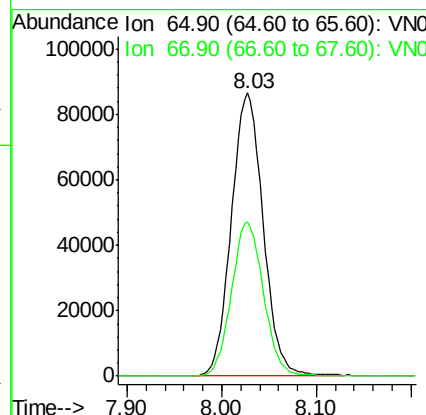
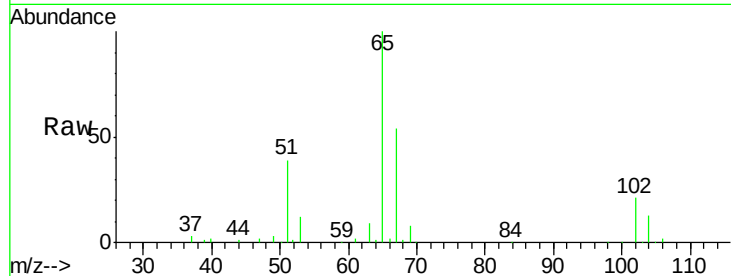




#33
 1,2-Dichloroethane-d4
 Concen: 51.698 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056365.D
 Acq: 18 Jun 2019 14:55

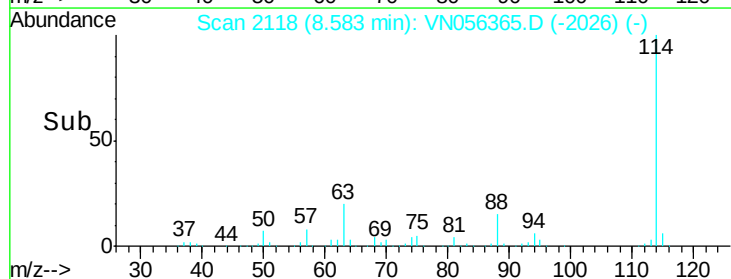
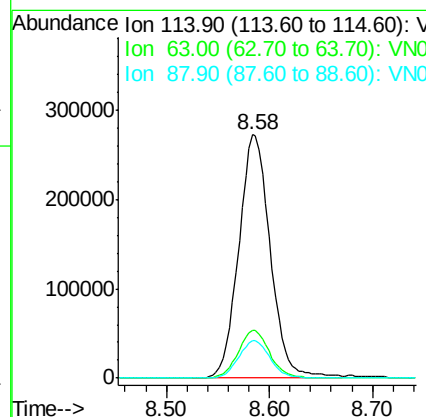
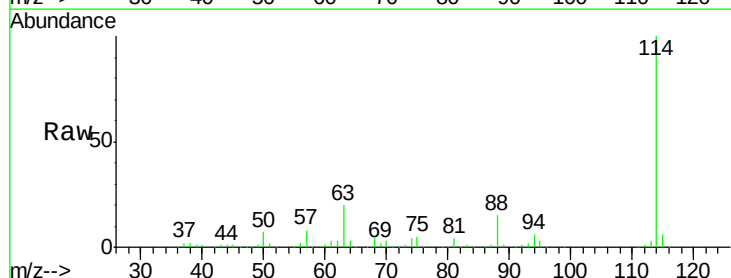
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-061719-A

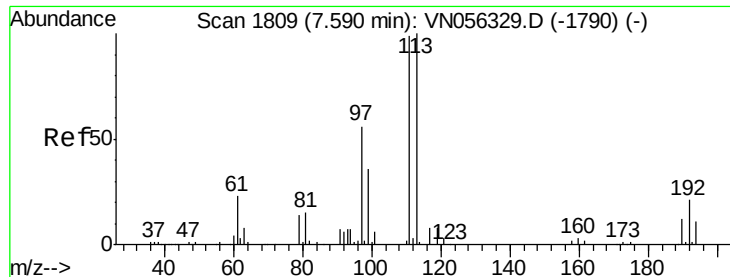
Tot Ion: 65 Resp: 202110
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056365.D
 Acq: 18 Jun 2019 14:55

Tgt Ion: 114 Resp: 581849
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.670 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056365.D

Acq: 18 Jun 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

SU-03-061719-A

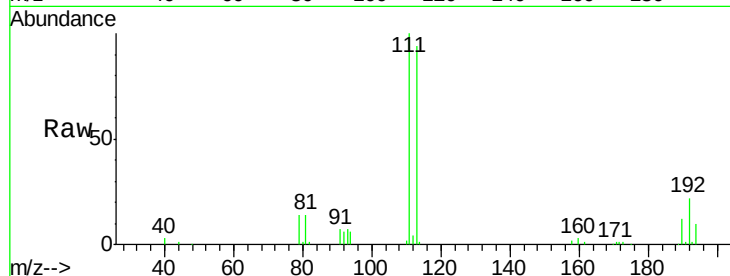
Tot Ion:113 Resp: 170408

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

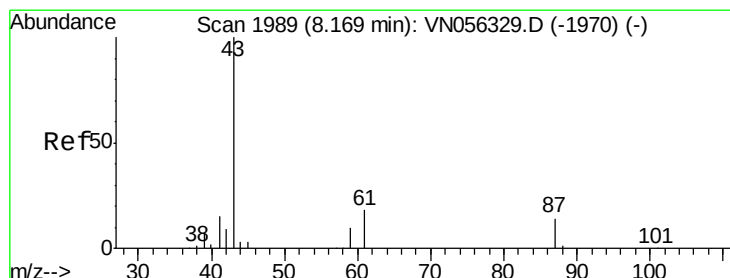
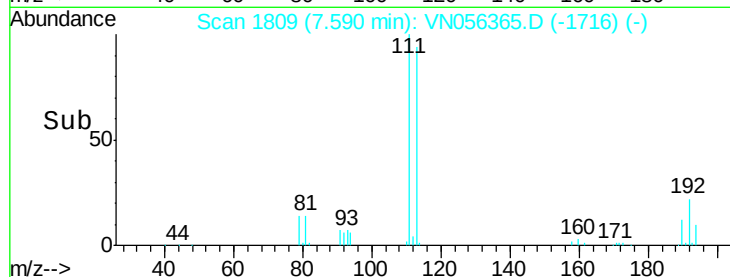
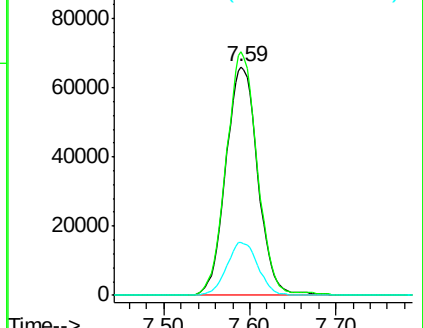
192 22.8 17.6 26.4



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: 1.697 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056365.D

Acq: 18 Jun 2019 14:55

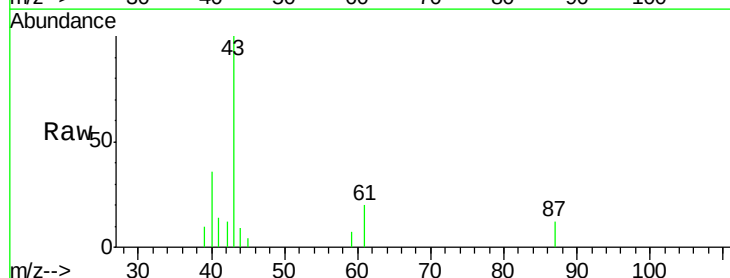
Tgt Ion: 43 Resp: 13473

Ion Ratio Lower Upper

43 100

61 18.8 16.6 25.0

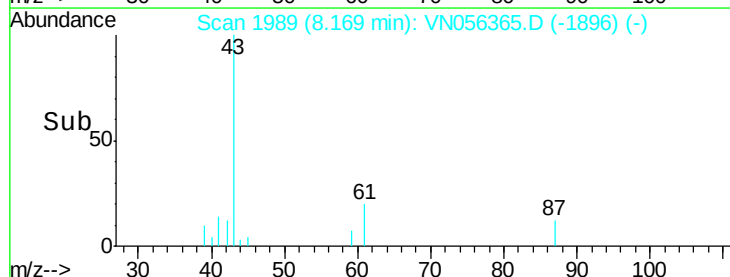
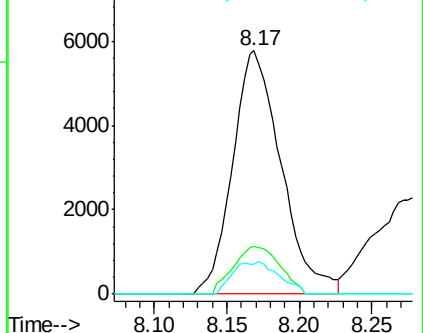
87 12.6 11.0 16.4

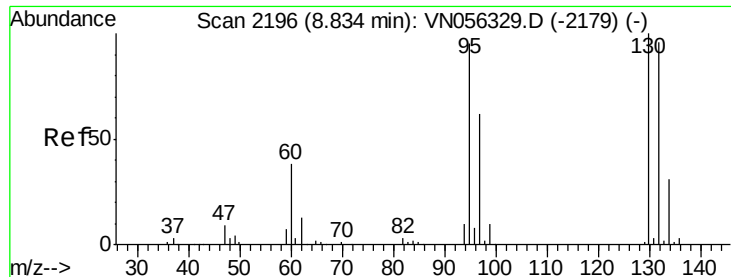


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#44

Trichloroethene

Concen: 1.749 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056365.D

Acq: 18 Jun 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

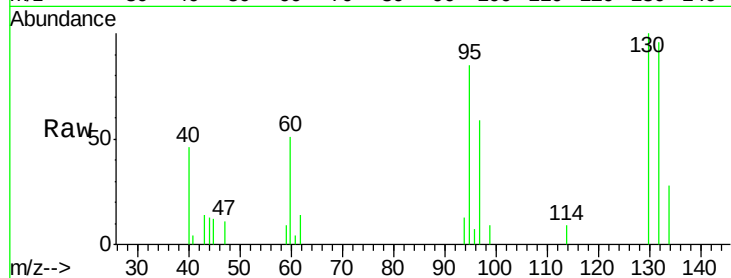
SU-03-061719-A

Tot Ion:130 Resp: 7555

Ion Ratio Lower Upper

130 100

95 85.2 0.0 190.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

4000

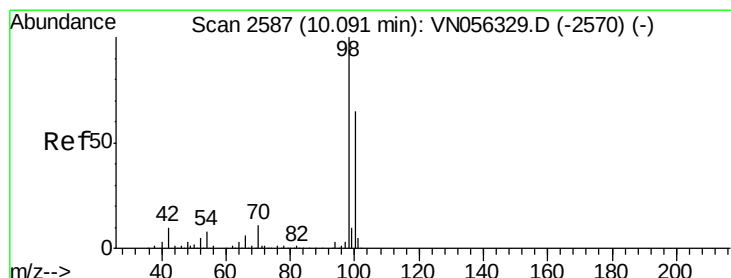
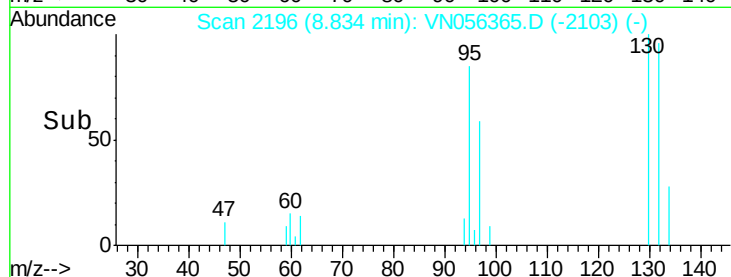
3000

2000

1000

0

Time-->



#50

Toluene-d8

Concen: 51.814 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056365.D

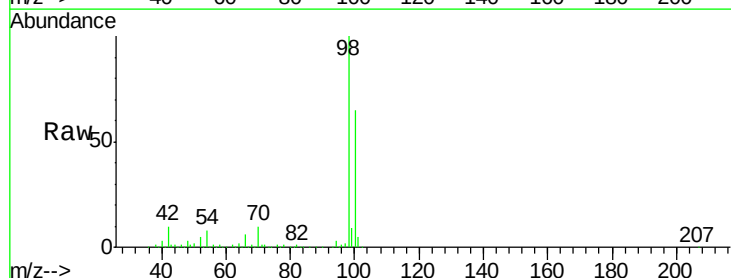
Acq: 18 Jun 2019 14:55

Tgt Ion: 98 Resp: 738576

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

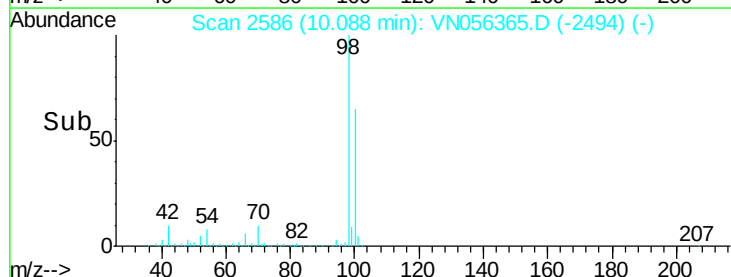
300000

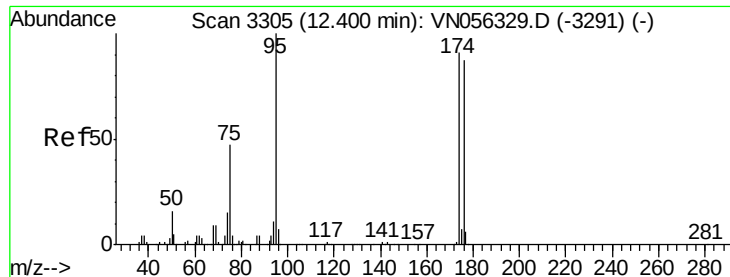
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.736 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056365.D

Acq: 18 Jun 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

SU-03-061719-A

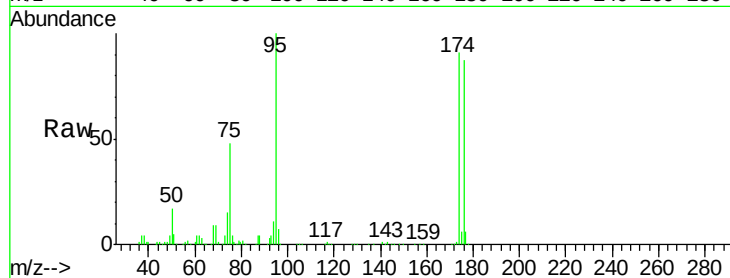
Tot Ion: 95 Resp: 249101

Ion Ratio Lower Upper

95 100

174 91.2 0.0 182.6

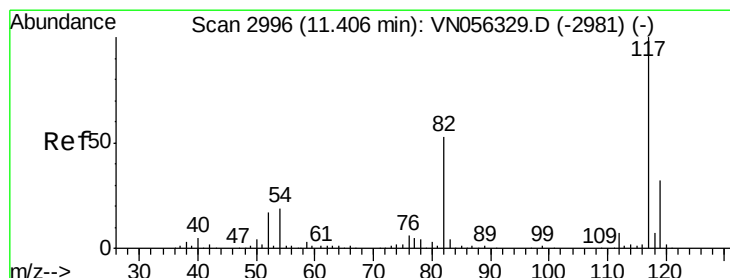
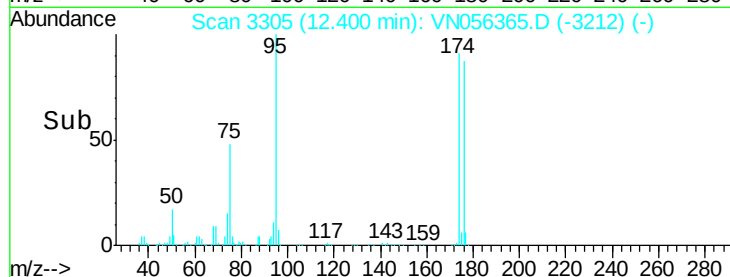
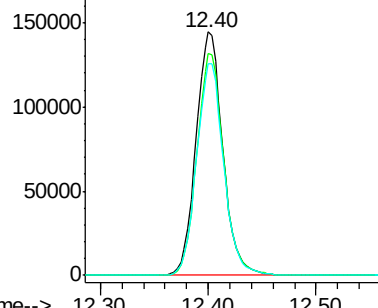
176 88.2 0.0 176.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056365.D

Acq: 18 Jun 2019 14:55

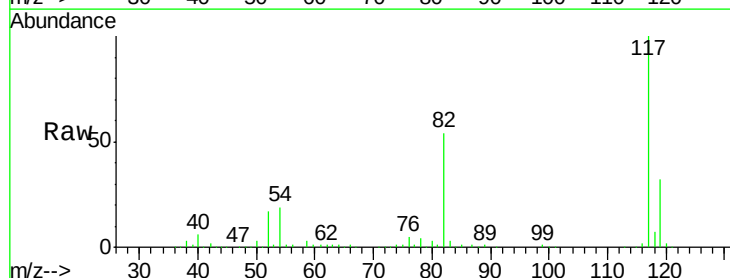
Tgt Ion: 117 Resp: 599282

Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

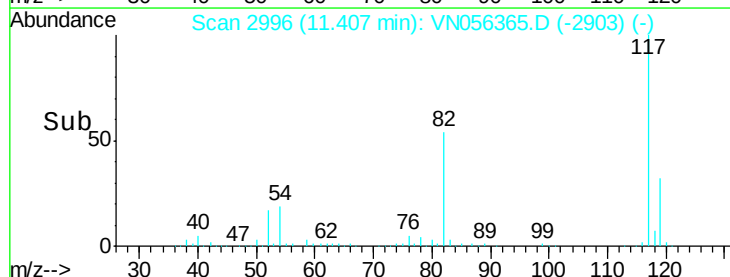
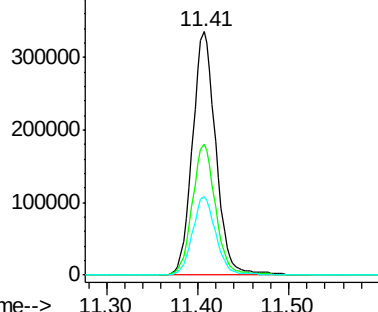
119 32.2 26.0 39.0

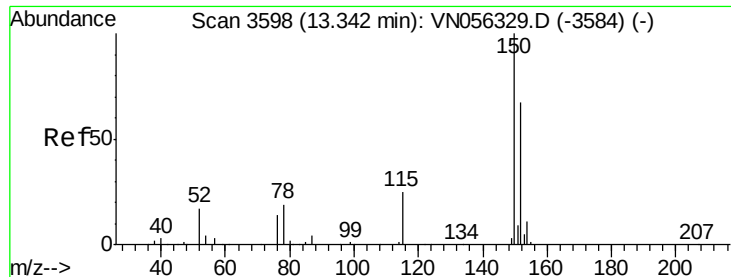


Abundance Ion 116.90 (116.60 to 117.60): VN056329.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056329.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056329.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056365.D

Acq: 18 Jun 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

SU-03-061719-A

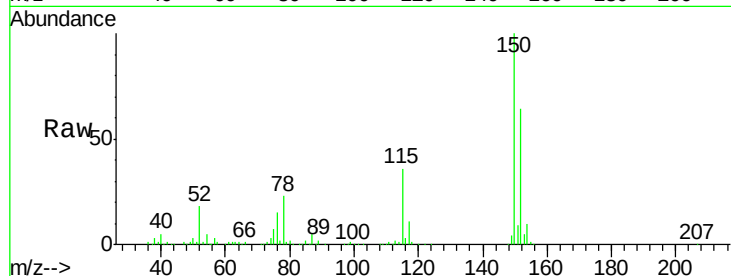
Tot Ion:152 Resp: 194068

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.3

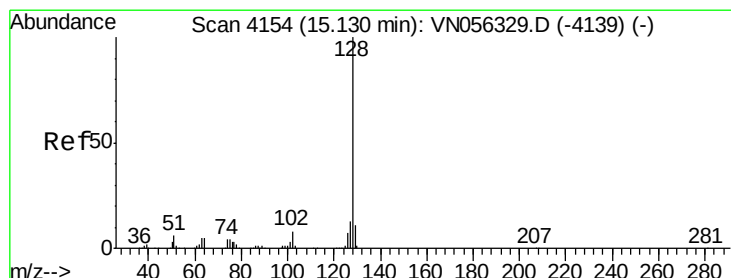
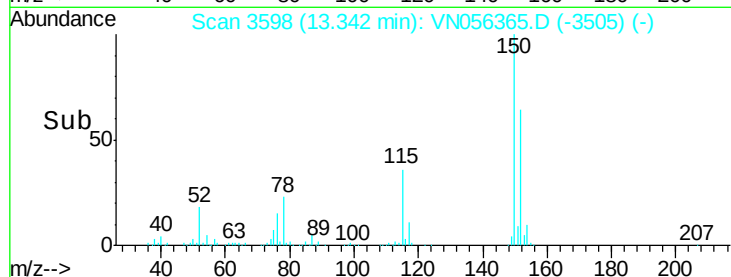
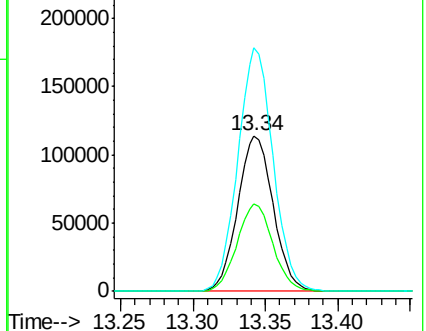
150 155.3 0.0 345.8



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: 5.468 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056365.D

Acq: 18 Jun 2019 14:55

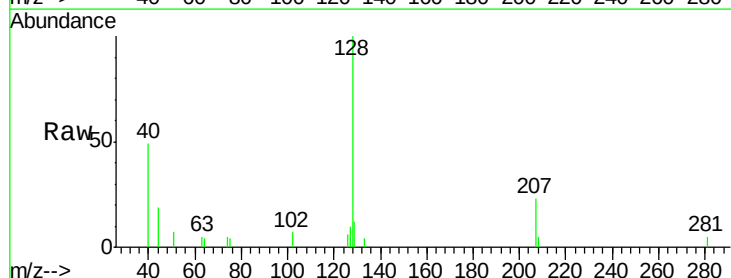
Tgt Ion:128 Resp: 7911

Ion Ratio Lower Upper

128 100

127 9.7 10.6 15.8#

129 10.3 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

