

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056355.D
 Acq On : 18 Jun 2019 10:58
 Operator : JC/SP
 Sample : K3421-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-1

Quant Time: Jun 19 02:22:38 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

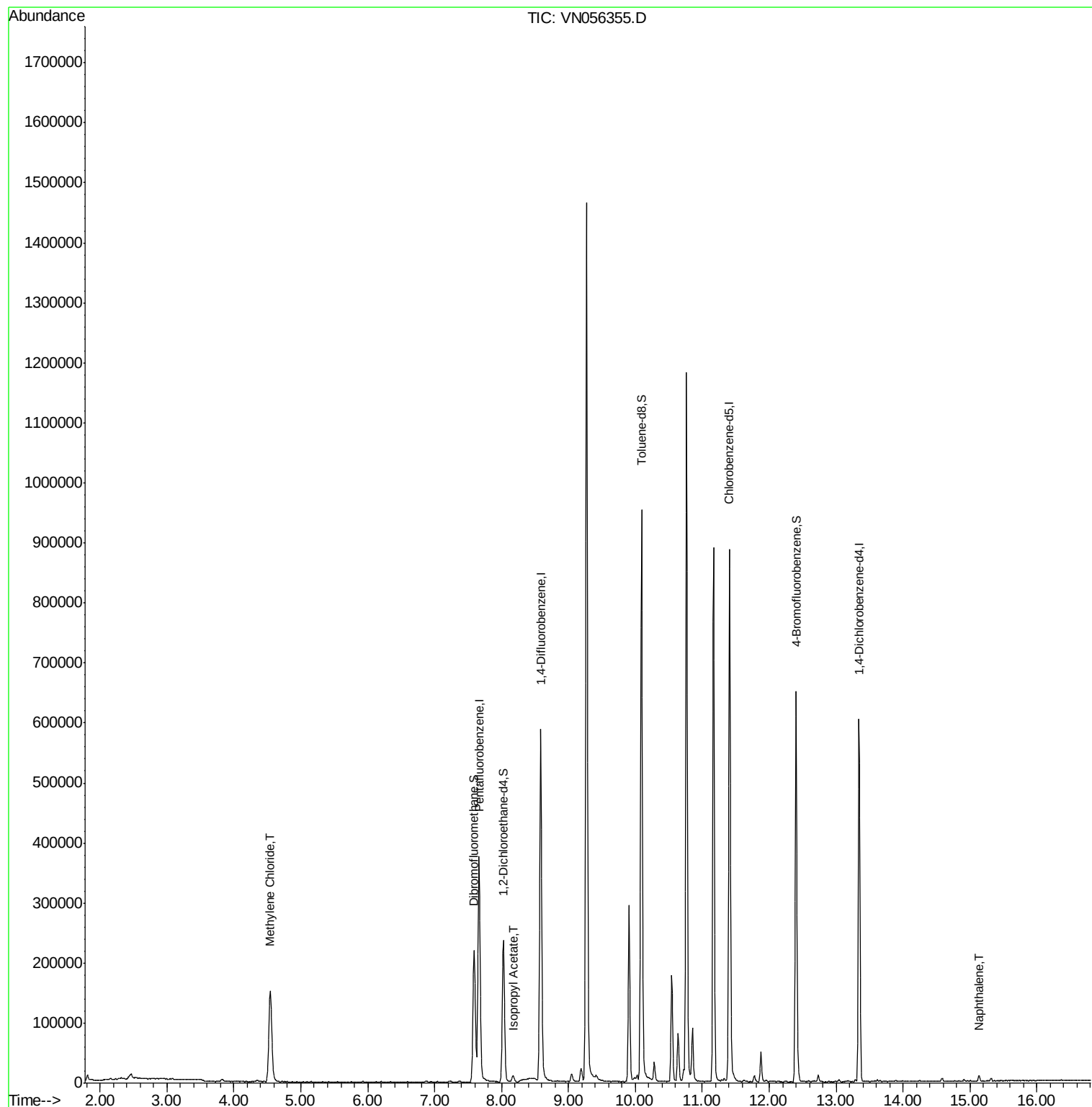
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	333833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	569591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	577929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	198577	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.59	113	170595	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
50) Toluene-d8	10.09	98	716140	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	236852	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
20) Methylene Chloride	4.55	84	121312	33.123	ug/l	99
43) Isopropyl Acetate	8.17	43	13739	1.768	ug/l	95
95) Naphthalene	15.13	128	9746	5.739	ug/l #	95

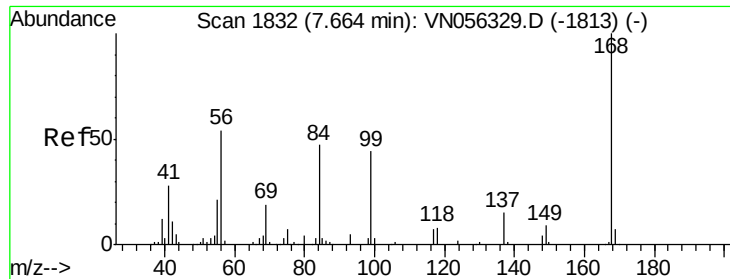
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061819\
Data File : VN056355.D
Acq On : 18 Jun 2019 10:58
Operator : JC/SP
Sample : K3421-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-1

Quant Time: Jun 19 02:22:38 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: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

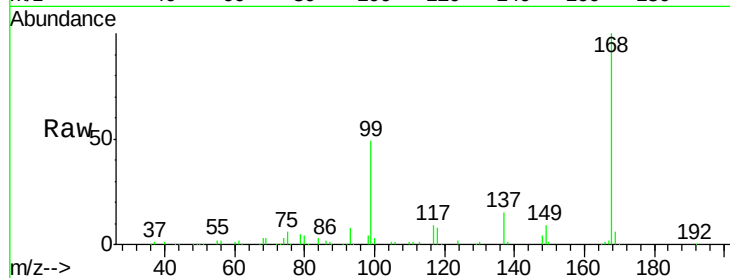
SAMPLE-1

Tot Ion:168 Resp: 333833

Ion Ratio Lower Upper

168 100

99 48.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056329.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056329.D (-1813) (-)

7.66

150000

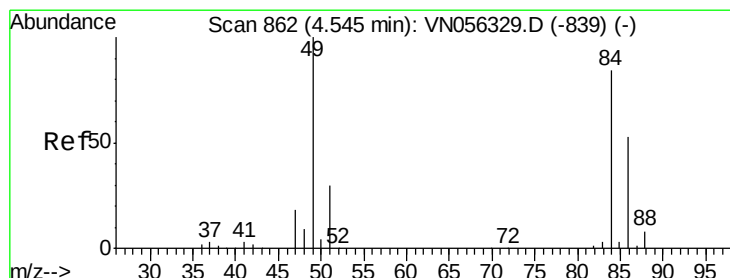
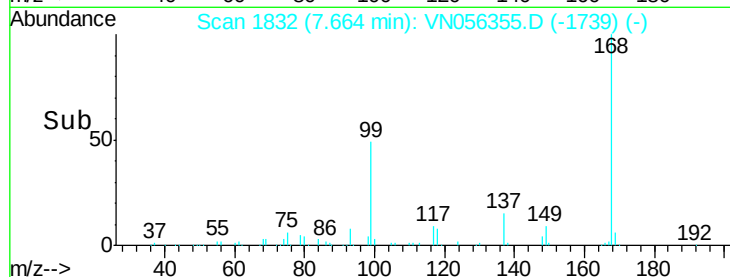
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 33.123 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Tgt Ion: 84 Resp: 121312

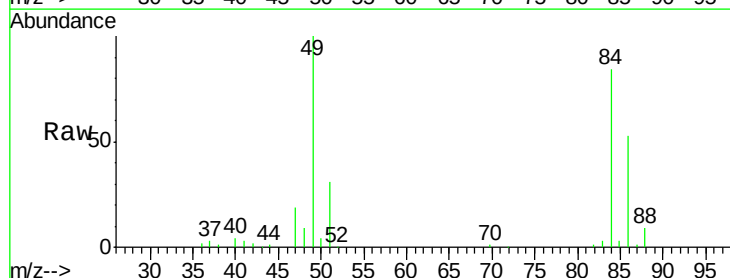
Ion Ratio Lower Upper

84 100

49 119.1 95.0 142.6

51 37.0 28.2 42.4

86 63.1 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VN056329.D (-839) (-)

Ion 48.90 (48.60 to 49.60): VN056329.D (-839) (-)

Ion 50.90 (50.60 to 51.60): VN056329.D (-839) (-)

Ion 85.90 (85.60 to 86.60): VN056329.D (-839) (-)

4.55

60000

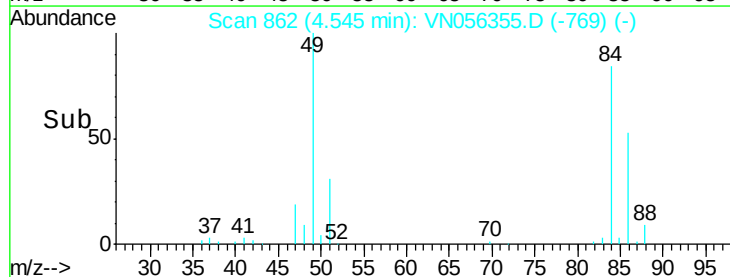
40000

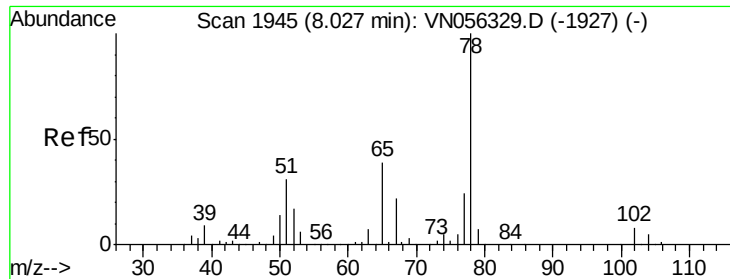
20000

0

4.40 4.50 4.60

Time-->

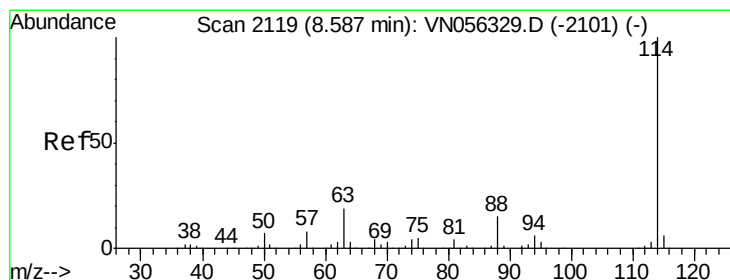
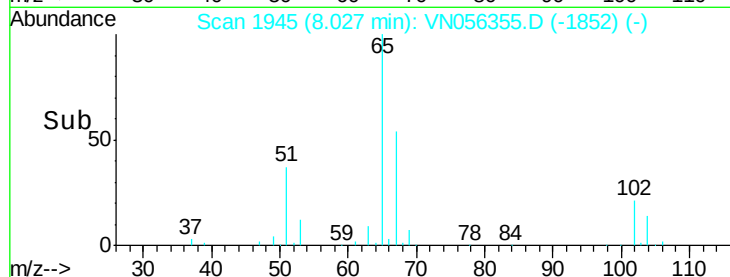
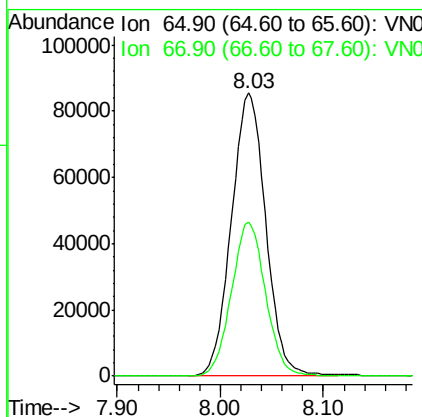
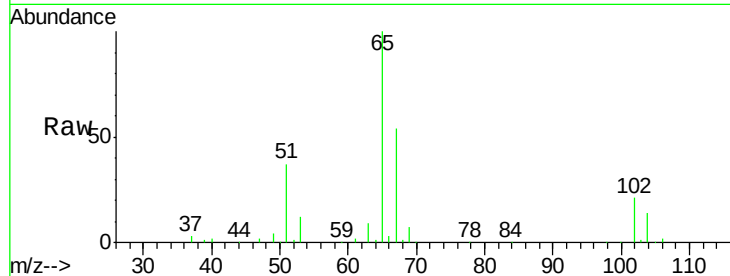




#33
 1,2-Dichloroethane-d4
 Concen: 52.902 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

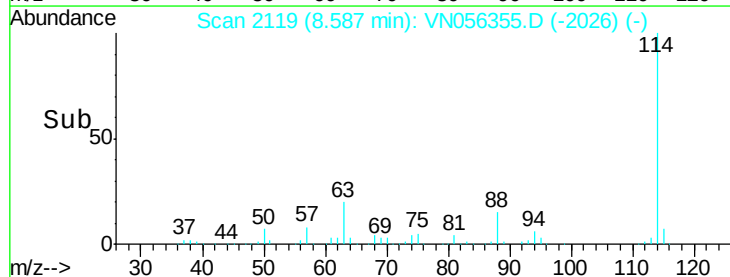
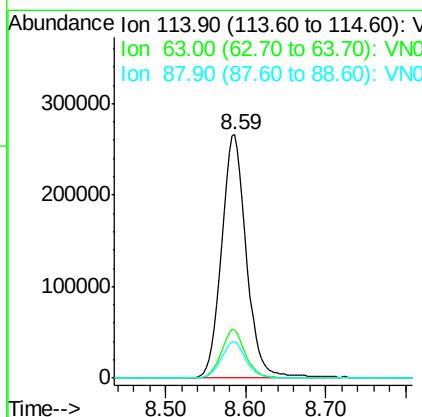
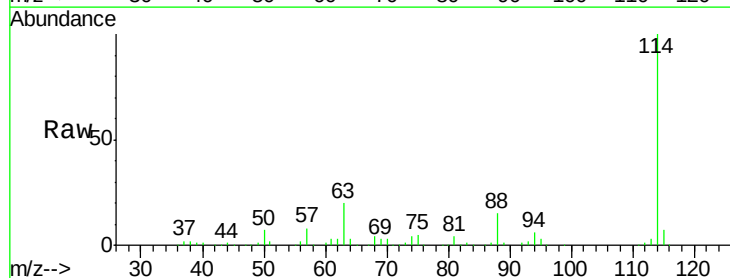
Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-1

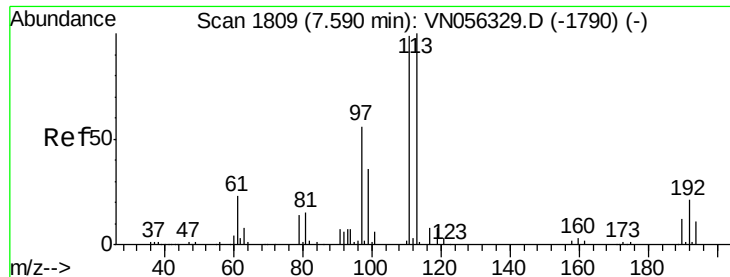
Tot Ion: 65 Resp: 198577
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

Tgt Ion: 114 Resp: 569591
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 15.1 0.0 30.6

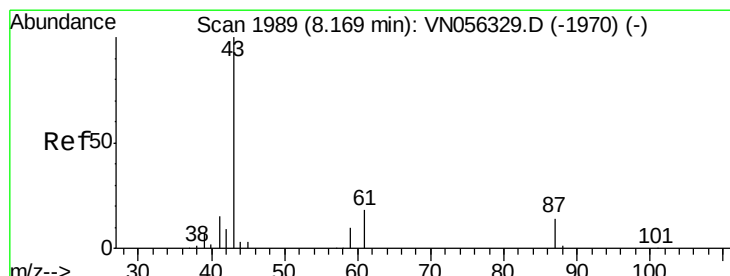
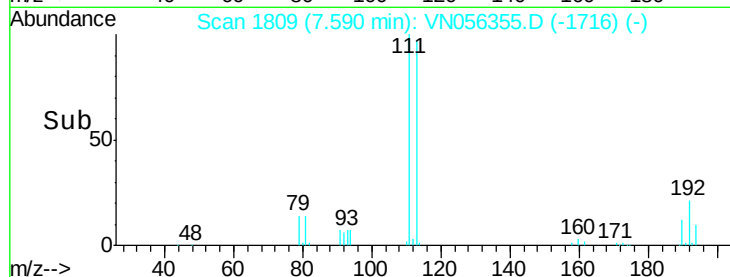
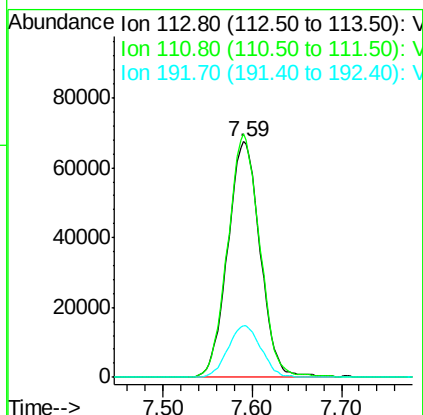
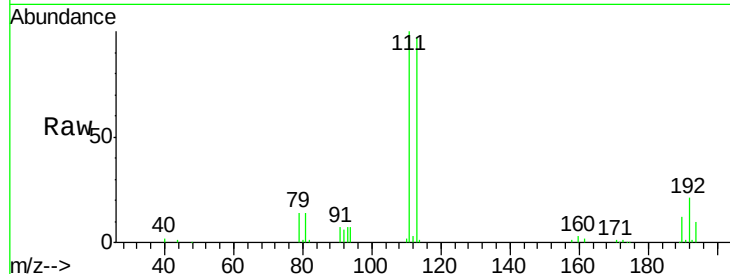




#35
 Dibromofluoromethane
 Concen: 46.704 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

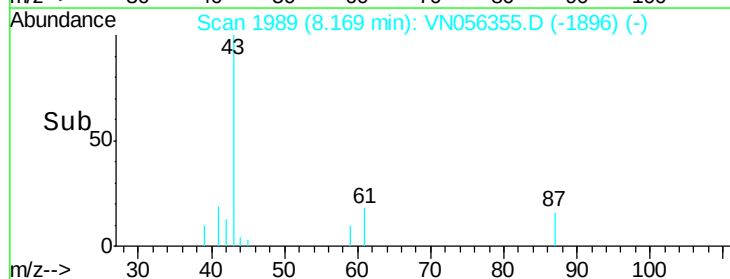
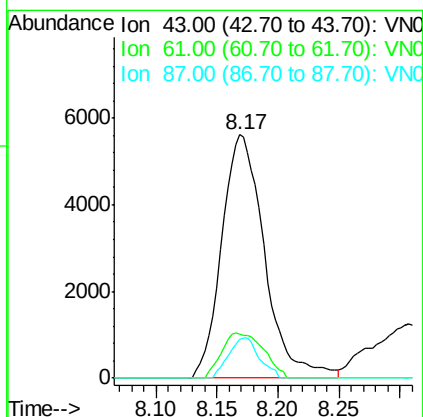
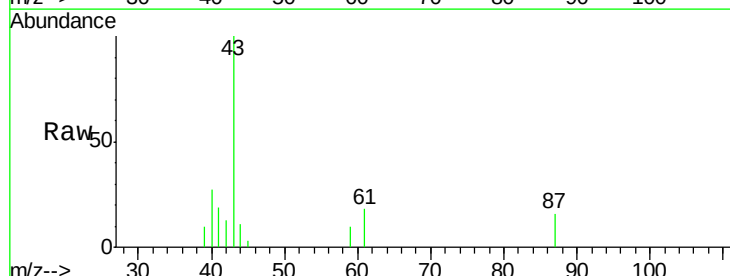
Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-1

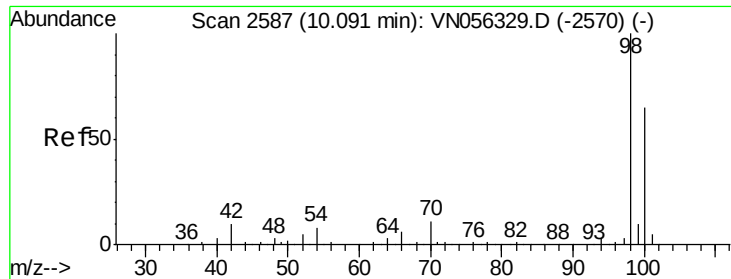
Tot Ion:113 Resp: 170595
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.1 123.1
 192 22.5 17.6 26.4



#43
 Isopropyl Acetate
 Concen: 1.768 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

Tgt Ion: 43 Resp: 13739
 Ion Ratio Lower Upper
 43 100
 61 18.1 16.6 25.0
 87 11.9 11.0 16.4





#50

Toluene-d8

Concen: 51.321 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

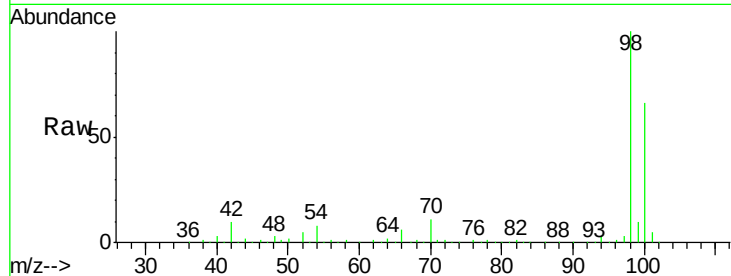
SAMPLE-1

Tot Ion: 98 Resp: 716140

Ion Ratio Lower Upper

98 100

100 65.4 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

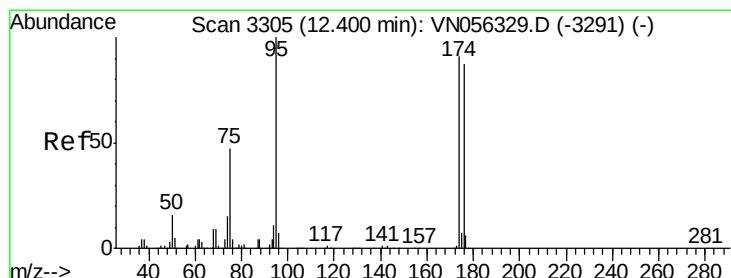
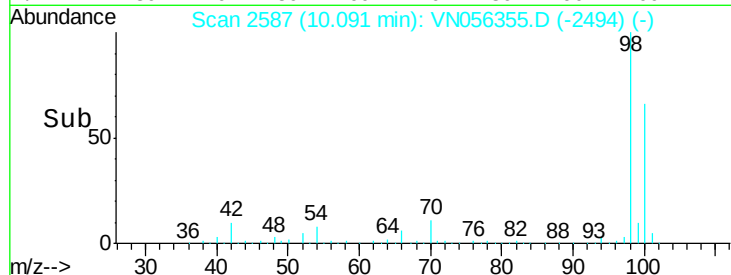
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.222 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

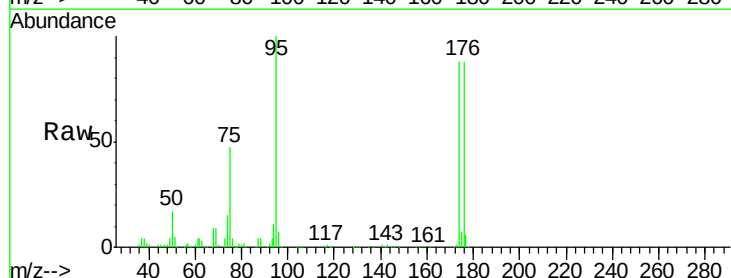
Tgt Ion: 95 Resp: 236852

Ion Ratio Lower Upper

95 100

174 90.0 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) (-)

12.40

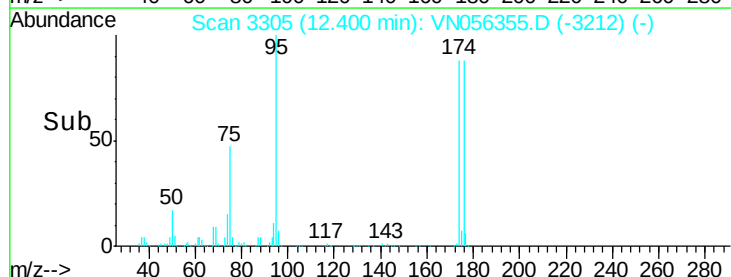
150000

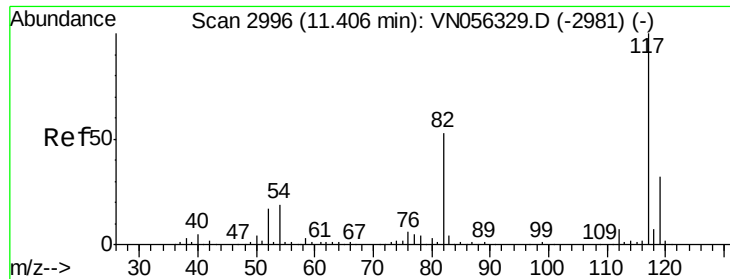
100000

50000

0

Time-->

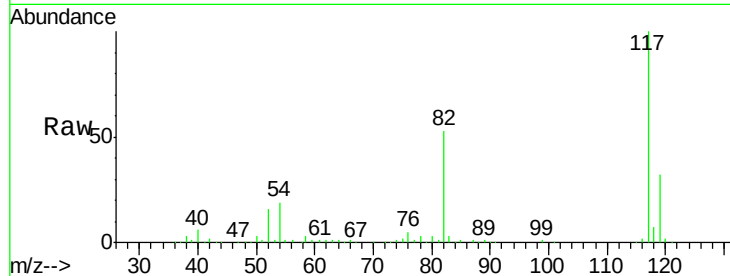




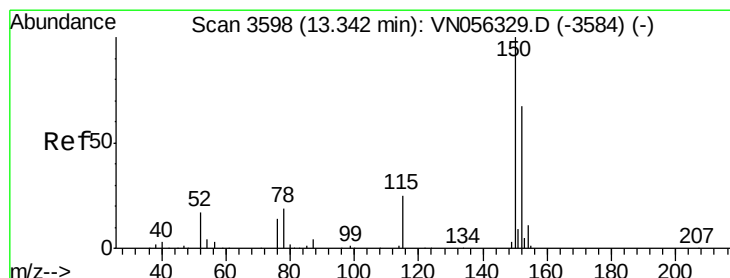
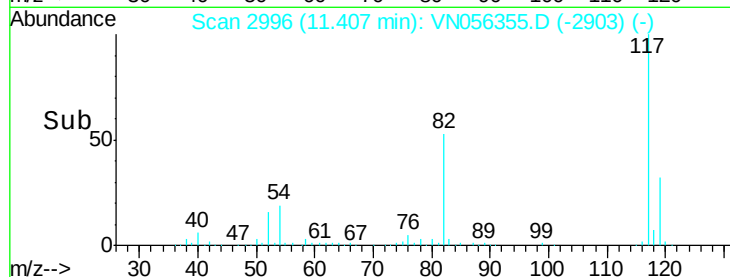
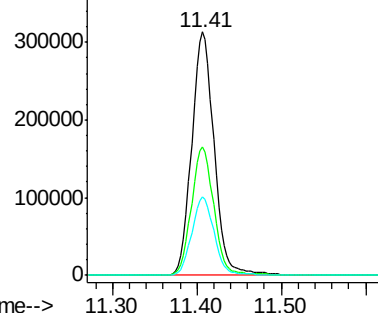
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

Instrument :
MSVOA_N
ClientSampled :
SAMPLE-1

Tot Ion:117 Resp: 577929
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.0 26.0 39.0

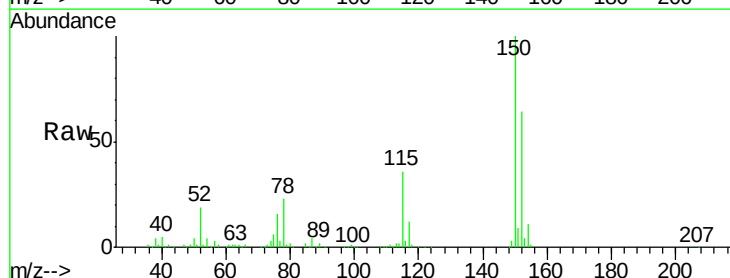


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

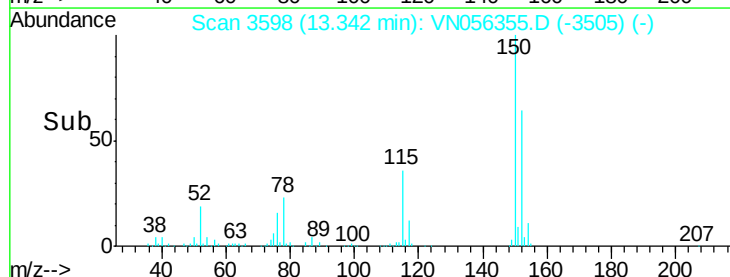
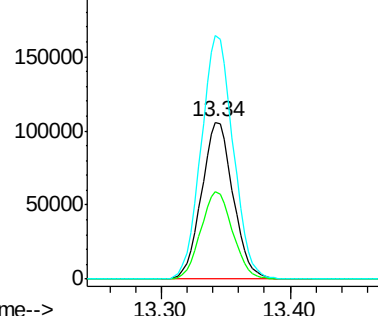


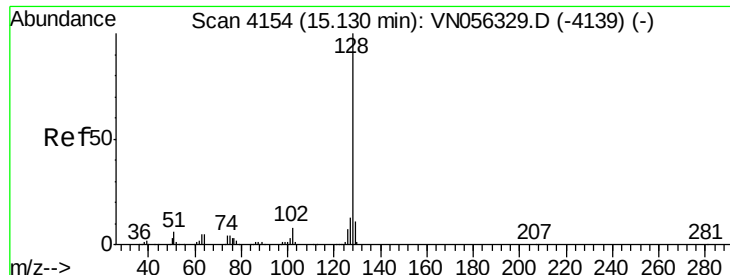
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

Tgt Ion:152 Resp: 179191
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.3
150 157.8 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: 5.739 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-1

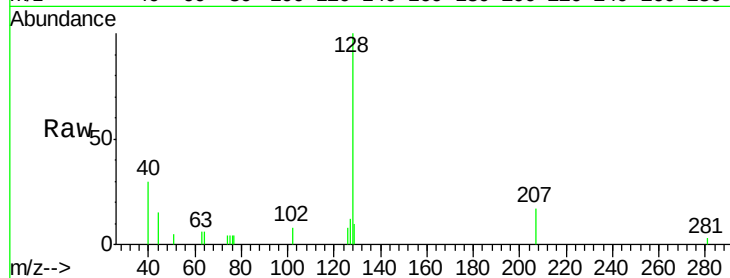
Tot Ion:128 Resp: 9746

Ion Ratio Lower Upper

128 100

127 12.2 10.6 15.8

129 7.6 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

