

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056356.D
 Acq On : 18 Jun 2019 11:21
 Operator : JC/SP
 Sample : K3163-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 19 02:25:33 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

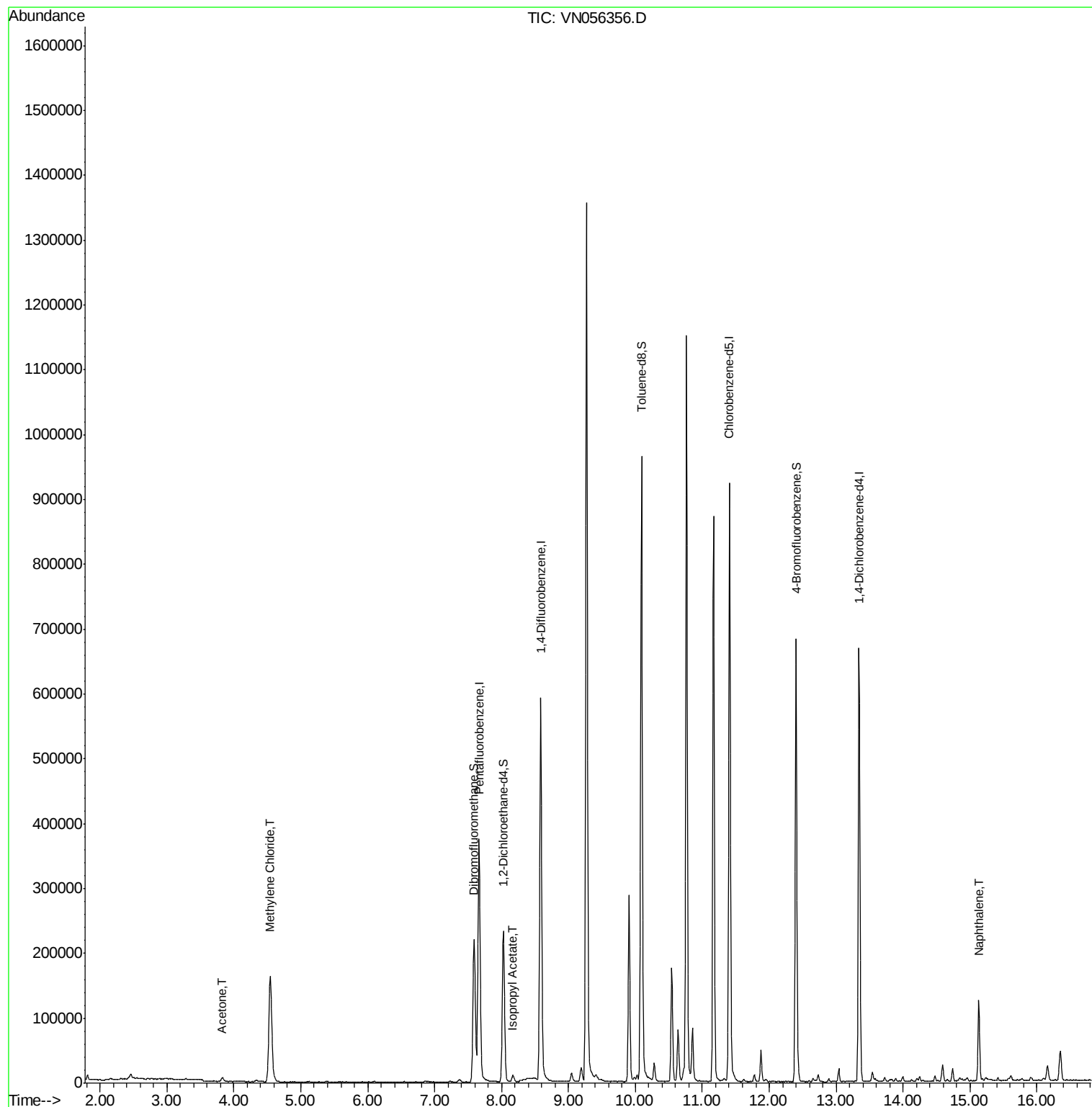
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	334741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	567750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	590667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	195817	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	7.59	113	170976	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	730044	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.40	95	246897	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
Target Compounds						
16) Acetone	3.83	43	10704	5.147	ug/l	96
20) Methylene Chloride	4.54	84	130743	35.601	ug/l	99
43) Isopropyl Acetate	8.17	43	13087	1.690	ug/l	95
95) Naphthalene	15.13	128	110813	15.845	ug/l	99

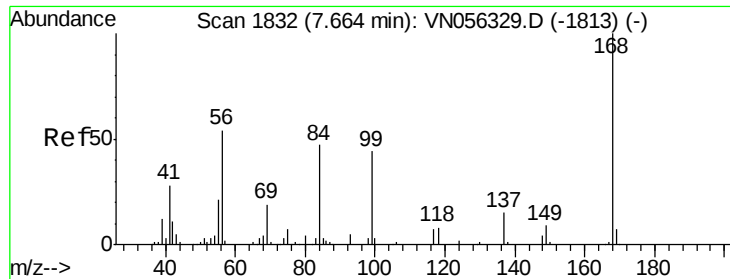
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061819\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

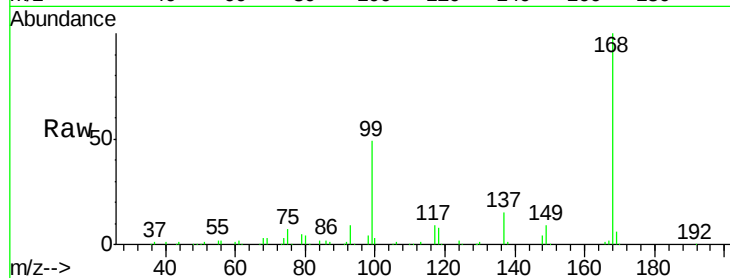
SU-03-061719-B

Tot Ion:168 Resp: 334741

Ion Ratio Lower Upper

168 100

99 49.4 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) (-)

7.67

150000

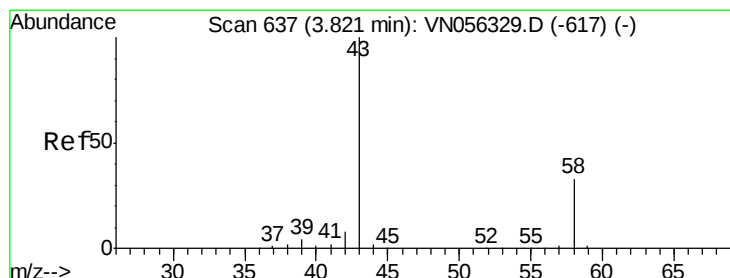
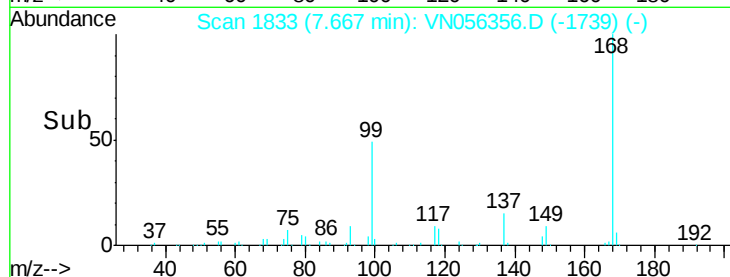
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.147 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN056356.D

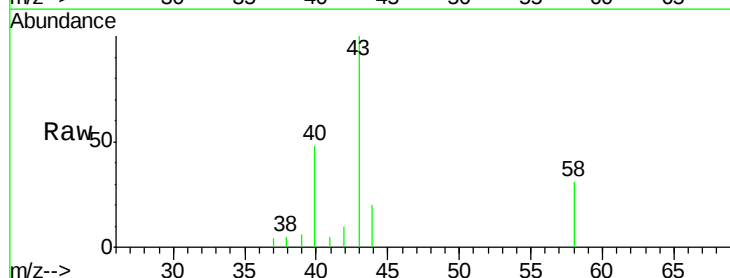
Acq: 18 Jun 2019 11:21

Tgt Ion: 43 Resp: 10704

Ion Ratio Lower Upper

43 100

58 31.1 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN056329.D (-617) (-)

3.83

4000

3000

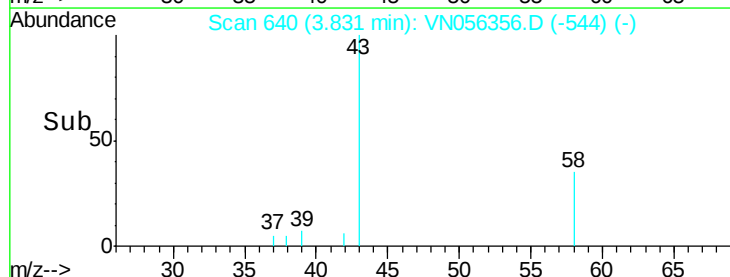
2000

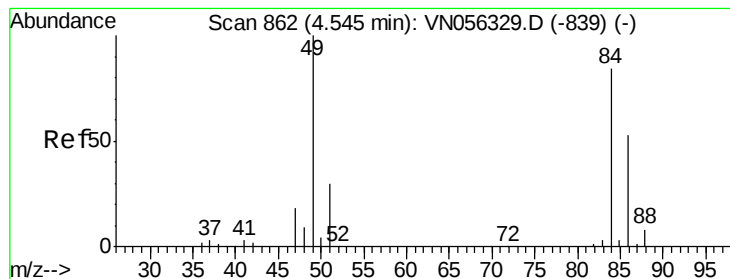
1000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 35.601 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

SU-03-061719-B

Tot Ion: 84 Resp: 130743

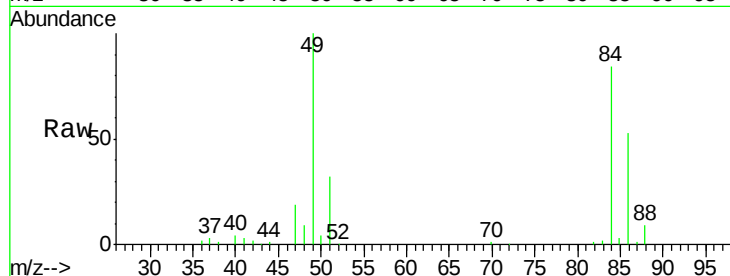
Ion Ratio Lower Upper

84 100

49 118.6 95.0 142.6

51 37.9 28.2 42.4

86 63.1 50.6 75.8

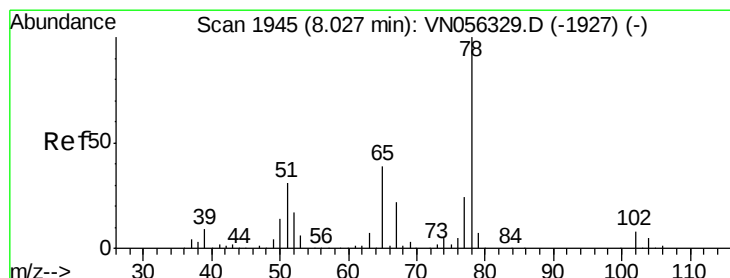
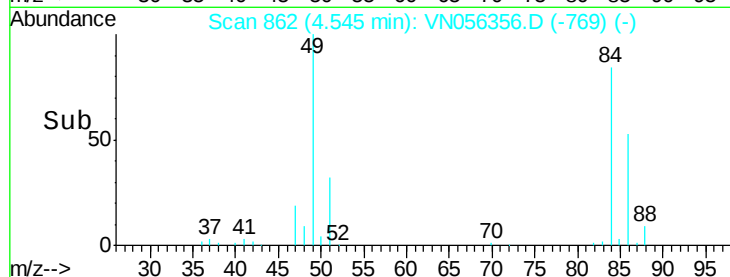
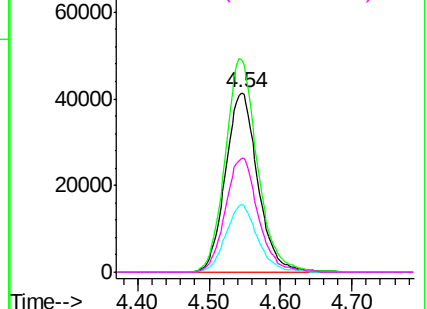


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.026 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056356.D

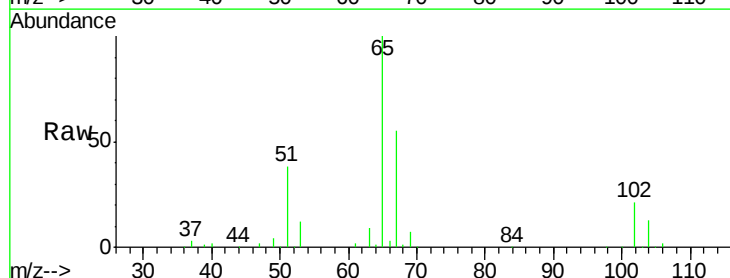
Acq: 18 Jun 2019 11:21

Tgt Ion: 65 Resp: 195817

Ion Ratio Lower Upper

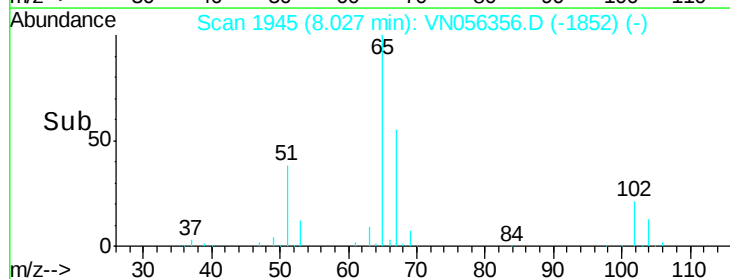
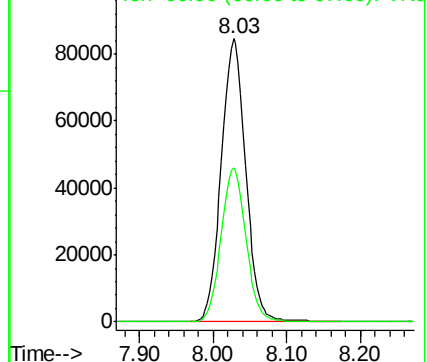
65 100

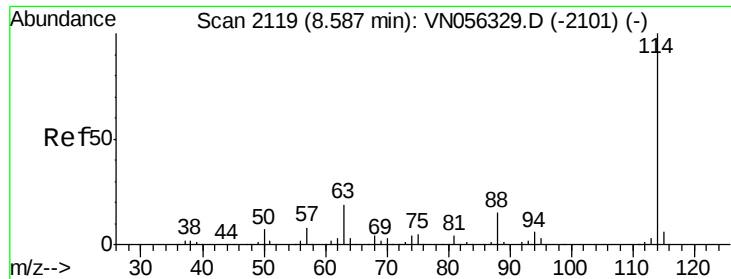
67 55.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

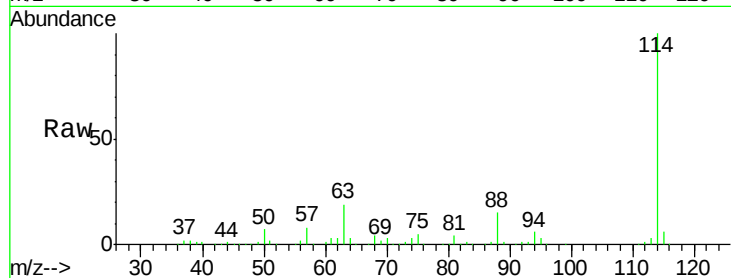




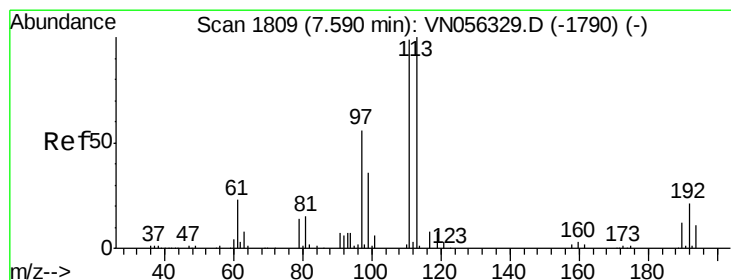
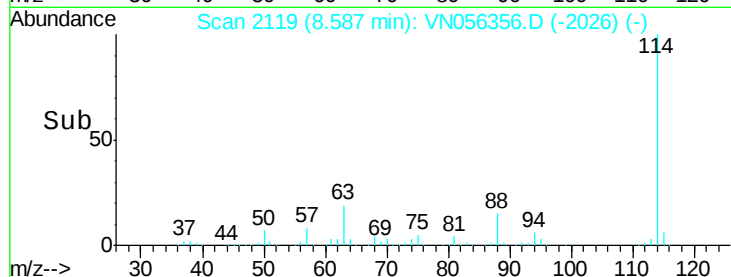
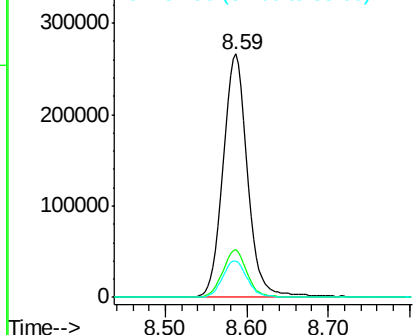
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056356.D
 Acq: 18 Jun 2019 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 SU-03-061719-B

Tot Ion:114 Resp: 567750
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 15.1 0.0 30.6

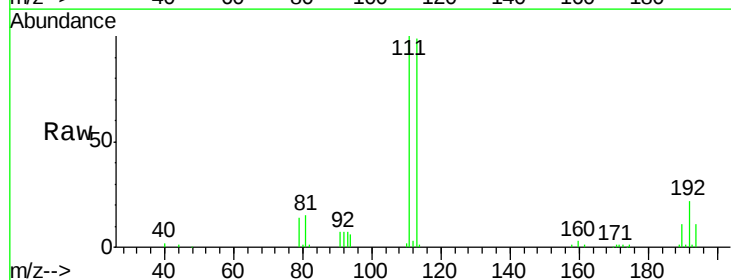


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

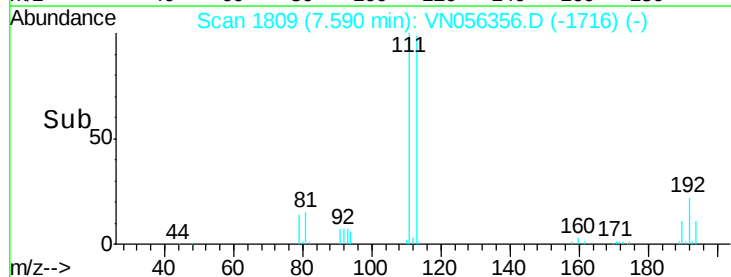
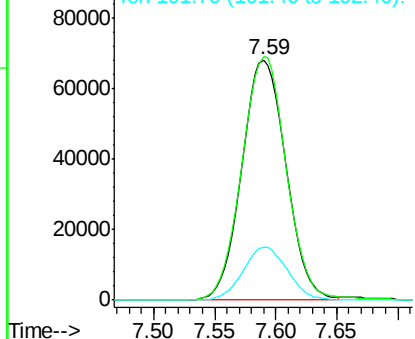


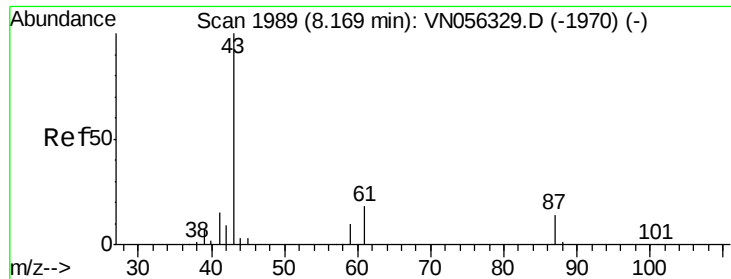
#35
 Dibromofluoromethane
 Concen: 46.960 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056356.D
 Acq: 18 Jun 2019 11:21

Tgt Ion:113 Resp: 170976
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.1 123.1
 192 22.1 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: 1.690 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

SU-03-061719-B

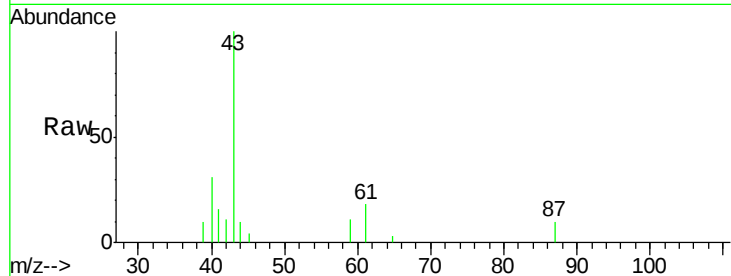
Tot Ion: 43 Resp: 13087

Ion Ratio Lower Upper

43 100

61 17.8 16.6 25.0

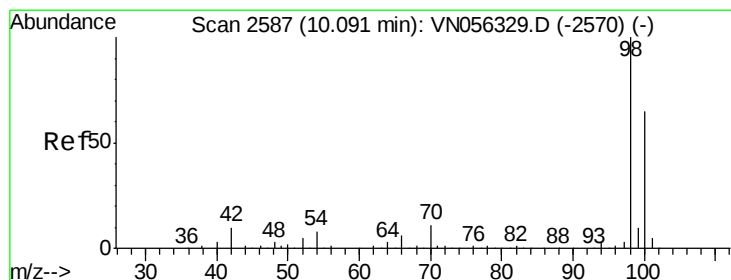
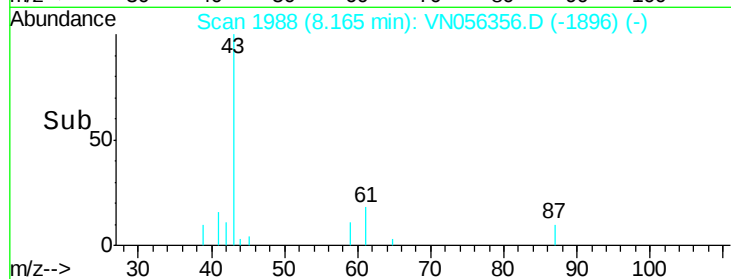
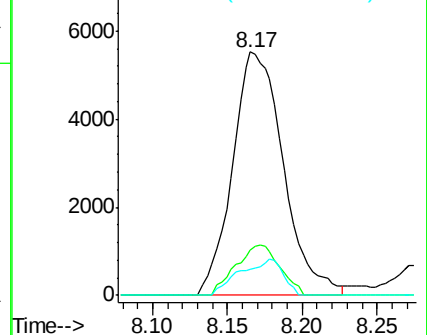
87 12.5 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.487 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056356.D

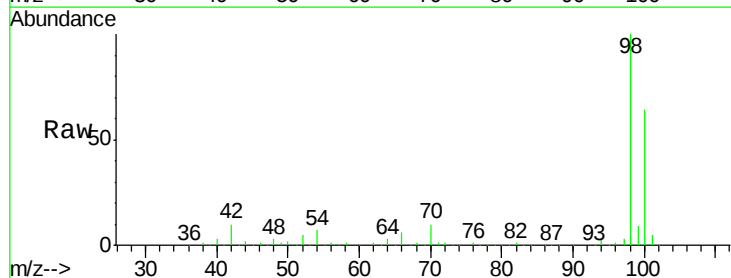
Acq: 18 Jun 2019 11:21

Tgt Ion: 98 Resp: 730044

Ion Ratio Lower Upper

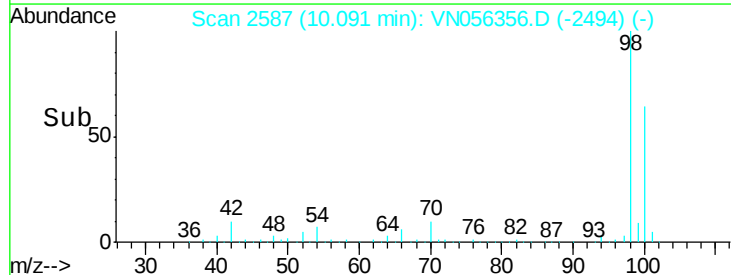
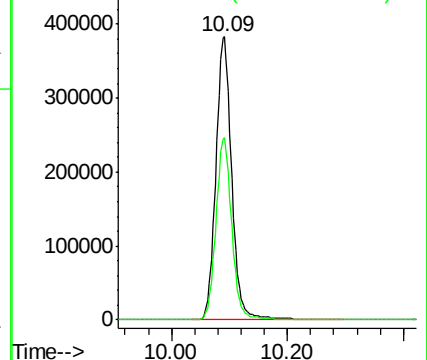
98 100

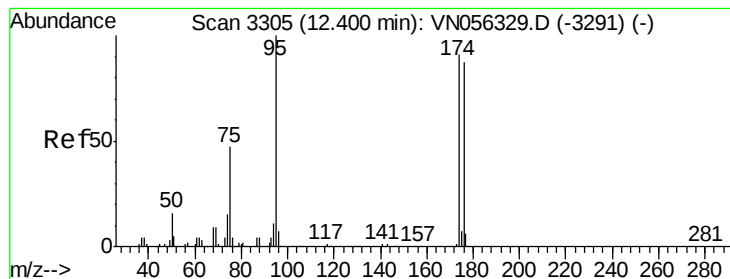
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.567 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

SU-03-061719-B

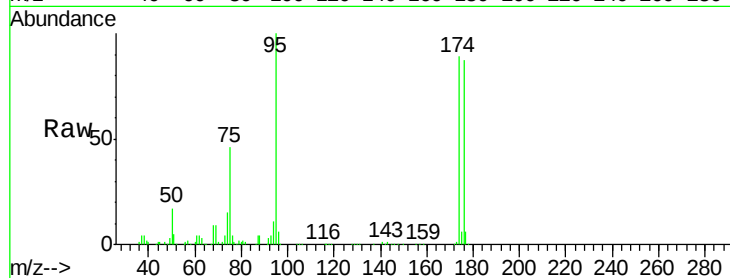
Tot Ion: 95 Resp: 246897

Ion Ratio Lower Upper

95 100

174 90.0 0.0 182.6

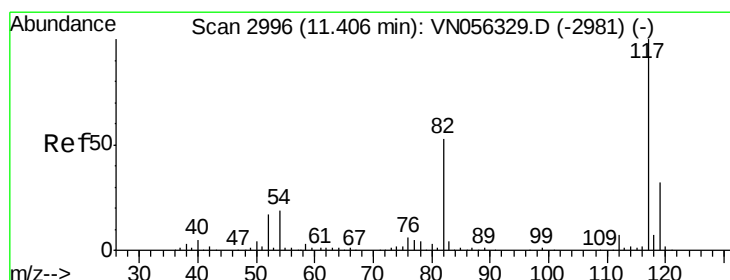
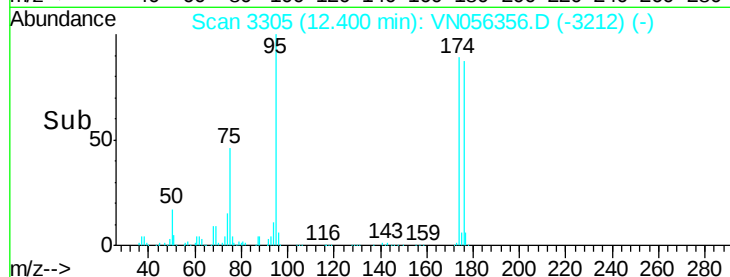
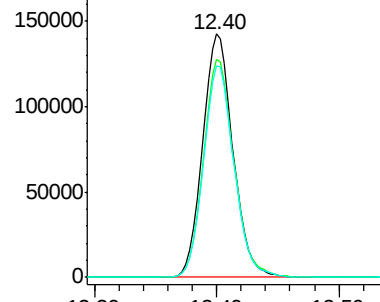
176 87.1 0.0 176.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

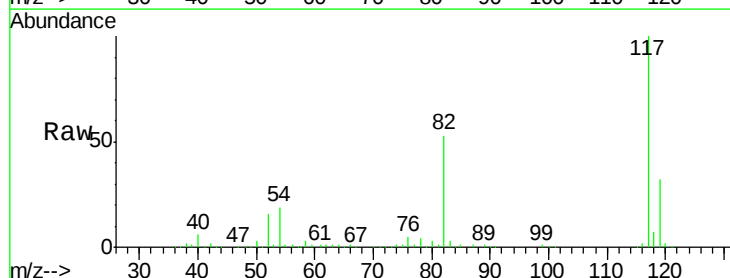
Tgt Ion: 117 Resp: 590667

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

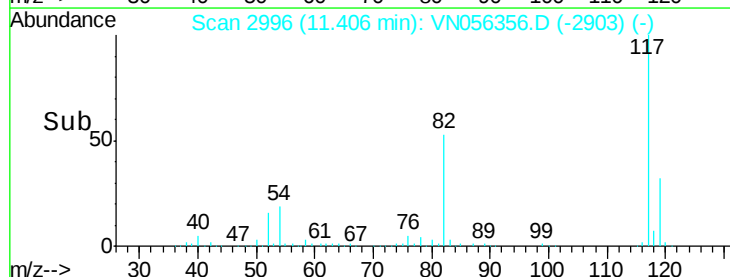
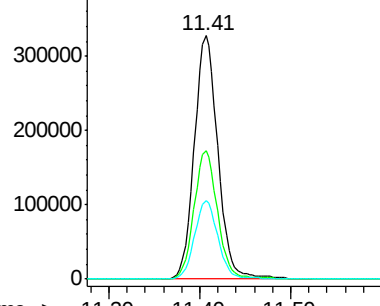
119 32.2 26.0 39.0

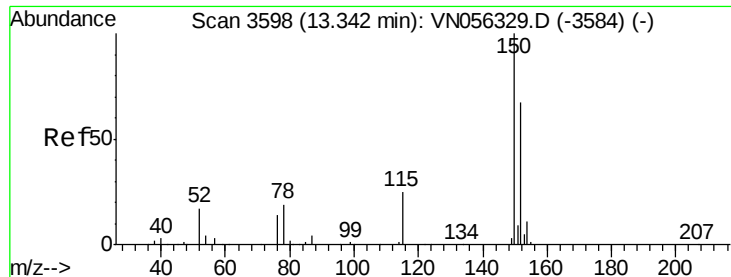


Abundance Ion 116.90 (116.60 to 117.60): VN056329.D (-2981) (-)

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: VN056356.D

Acq: 18 Jun 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

SU-03-061719-B

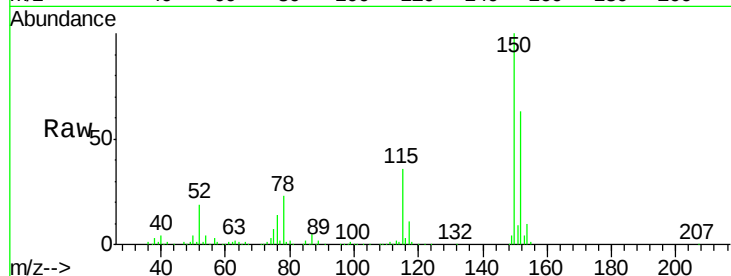
Tot Ion:152 Resp: 196379

Ion Ratio Lower Upper

152 100

115 57.0 27.8 83.3

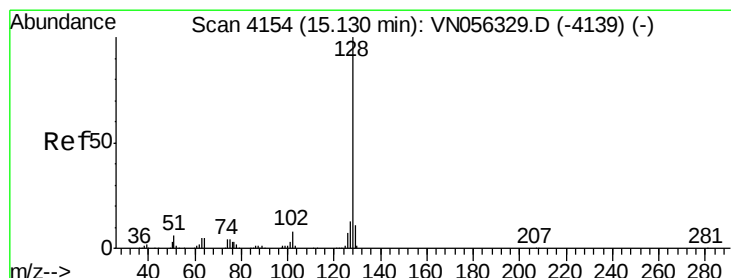
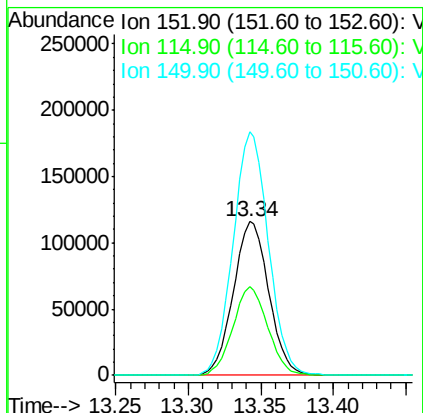
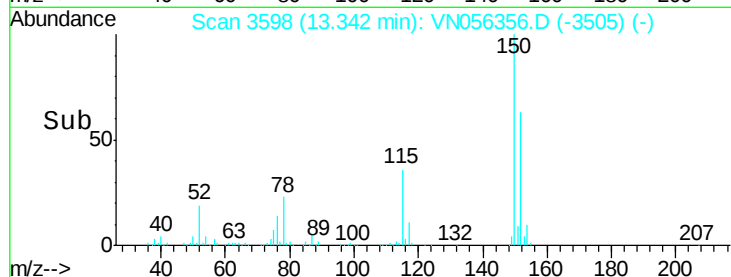
150 157.9 0.0 345.8



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: 15.845 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056356.D

Acq: 18 Jun 2019 11:21

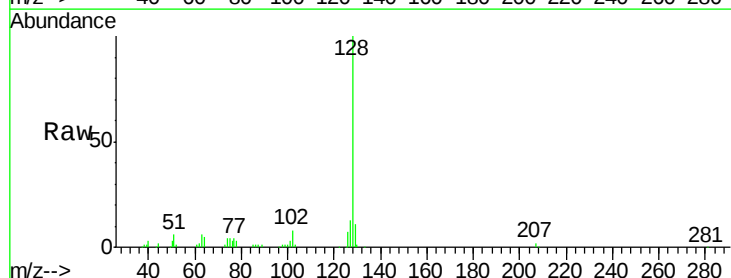
Tgt Ion:128 Resp: 110813

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 10.7 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

