

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056404.D
 Acq On : 20 Jun 2019 15:49
 Operator : JC/SP
 Sample : K3159-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-061919-A

Quant Time: Jun 21 05:22:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

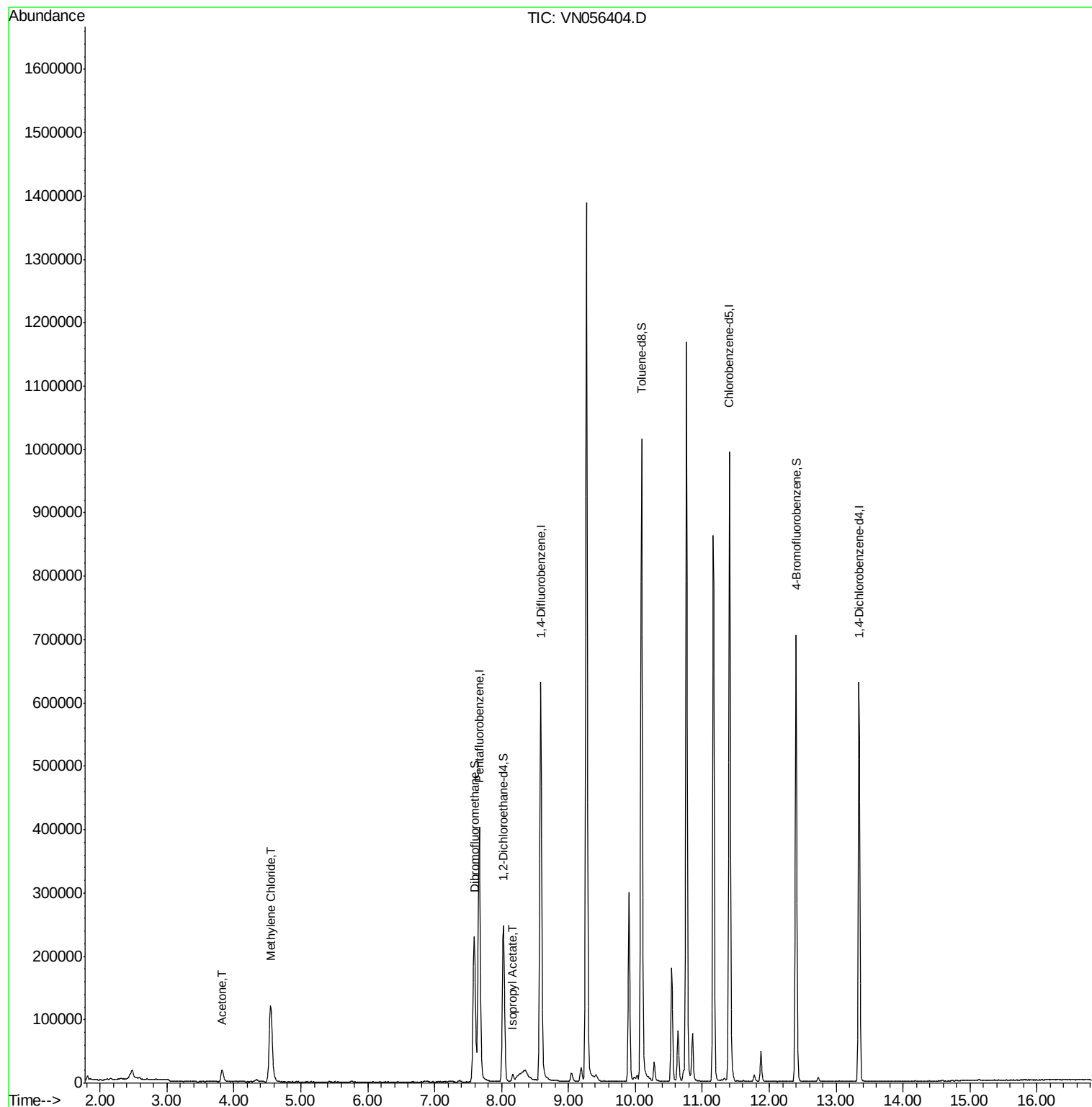
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	362807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	615926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	623604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	207299	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	7.59	113	178853	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	10.09	98	774966	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	249906	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
Target Compounds						
16) Acetone	3.82	43	32915	16.338	ug/l	99
20) Methylene Chloride	4.55	84	100692	26.088	ug/l	98
43) Isopropyl Acetate	8.17	43	13412	1.633	ug/l #	88

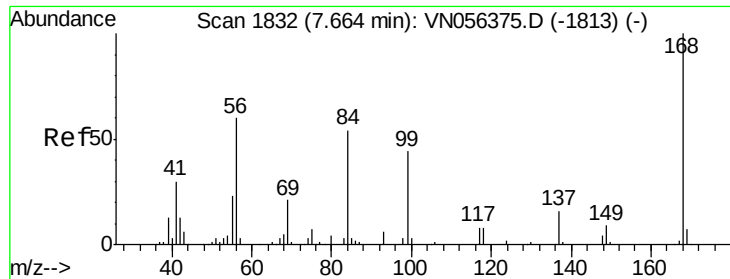
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056404.D

Acq: 20 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

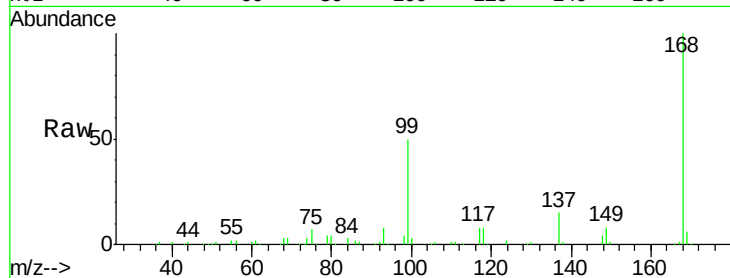
OR-02-061919-A

Tot Ion:168 Resp: 362807

Ion Ratio Lower Upper

168 100

99 49.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056404.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056404.D (-1739) (-)

7.67

150000

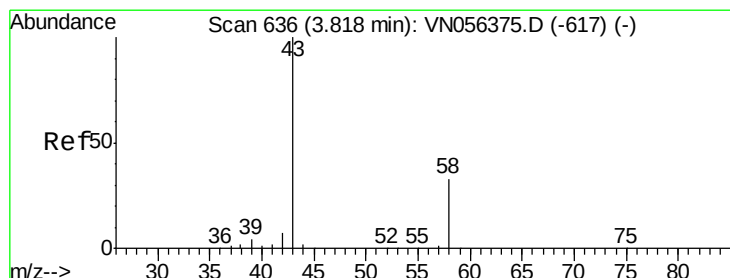
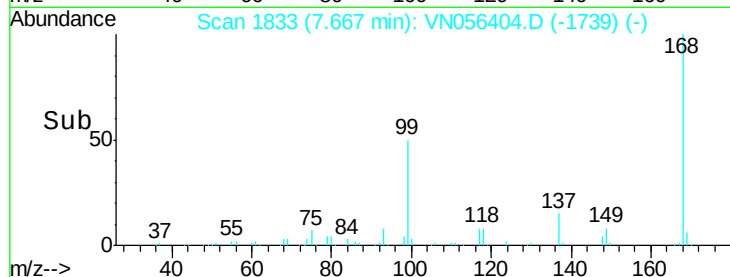
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 16.338 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056404.D

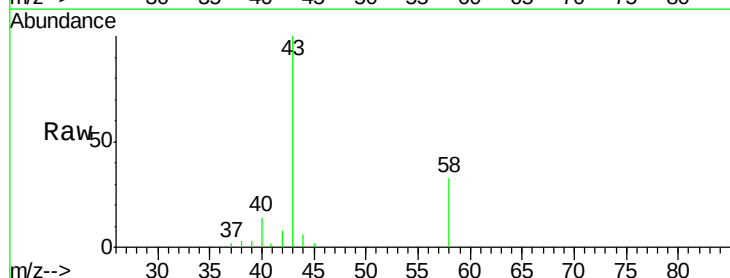
Acq: 20 Jun 2019 15:49

Tgt Ion: 43 Resp: 32915

Ion Ratio Lower Upper

43 100

58 32.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056404.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056404.D (-543) (-)

3.82

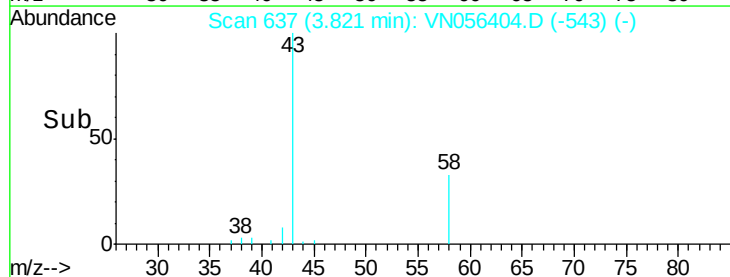
10000

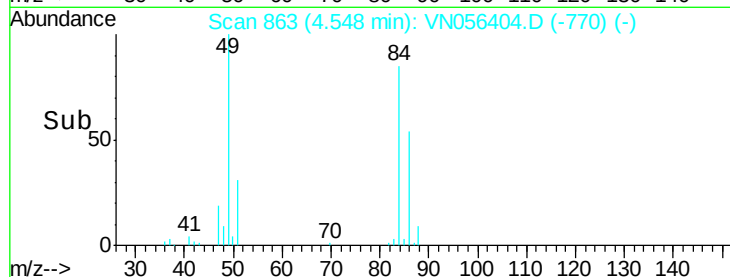
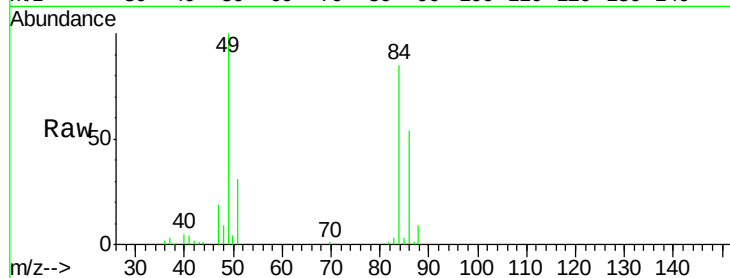
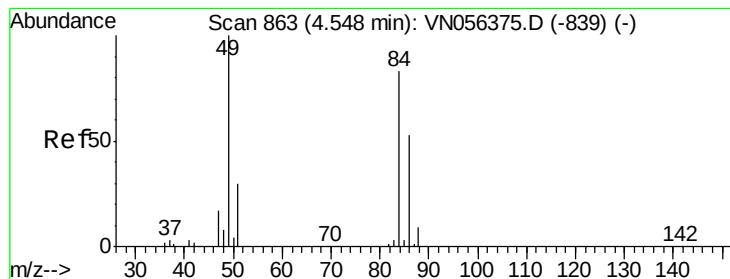
5000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 26.088 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN056404.D

Acq: 20 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

OR-02-061919-A

Tot Ion: 84 Resp: 100692

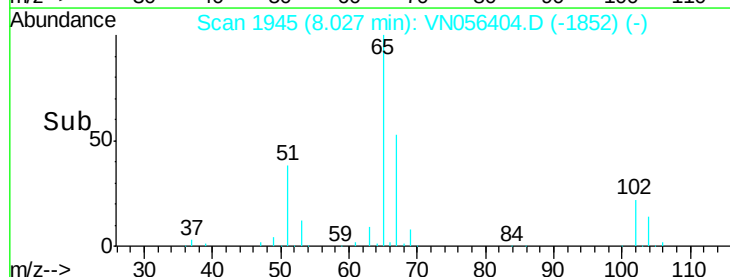
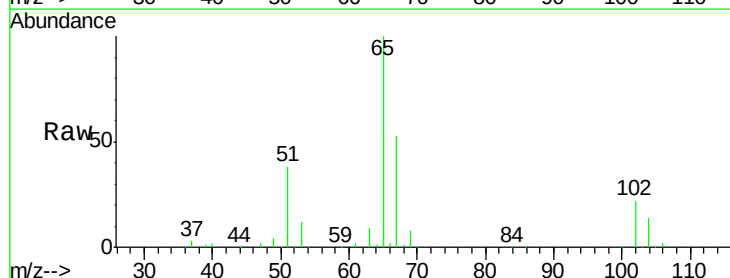
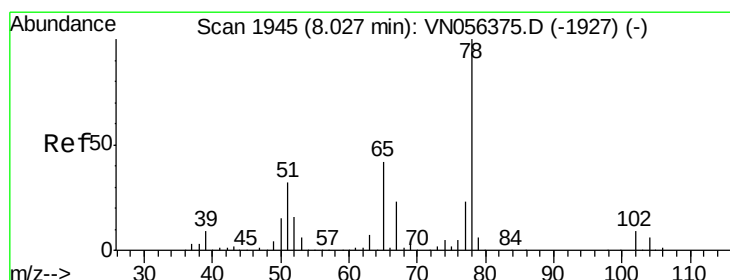
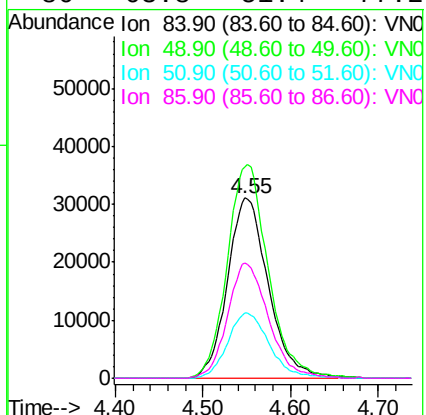
Ion Ratio Lower Upper

84 100

49 117.5 96.4 144.6

51 36.0 28.6 43.0

86 63.8 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 51.554 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056404.D

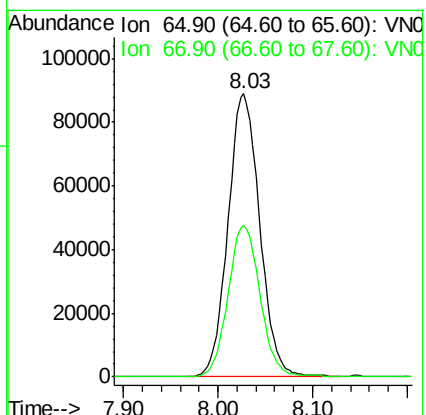
Acq: 20 Jun 2019 15:49

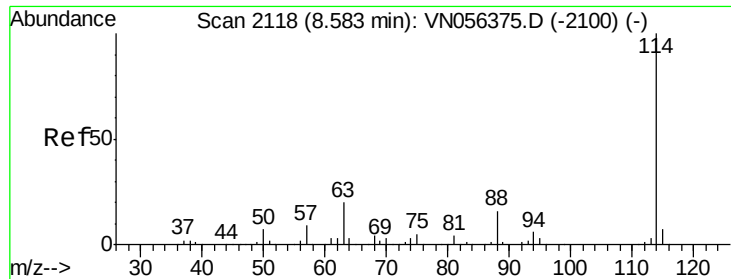
Tgt Ion: 65 Resp: 207299

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0

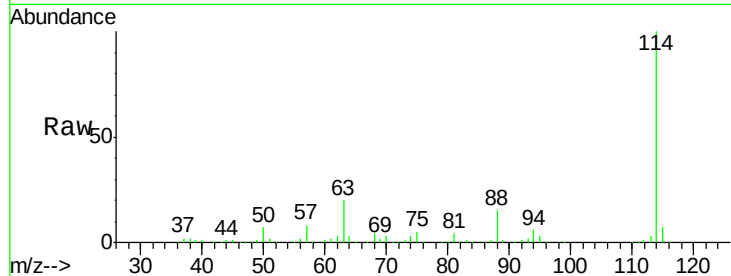




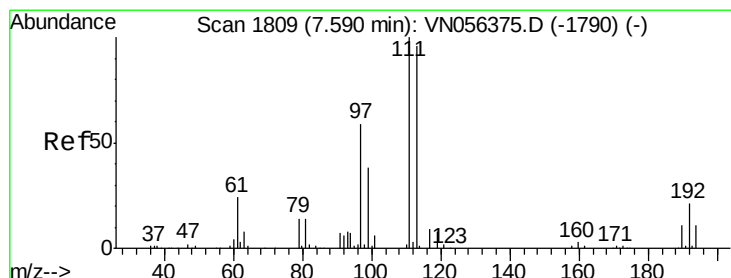
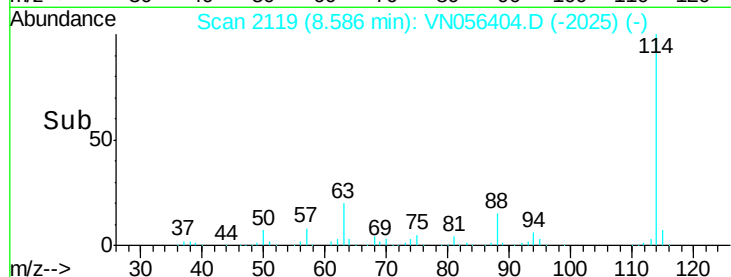
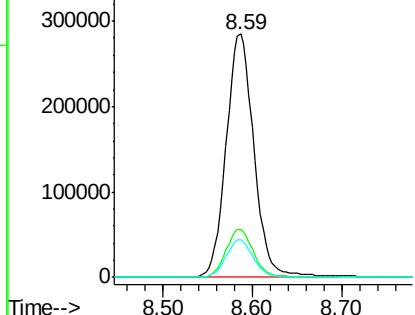
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056404.D
 Acq: 20 Jun 2019 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-061919-A

Tot Ion:114 Resp: 615926
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.3 0.0 31.4

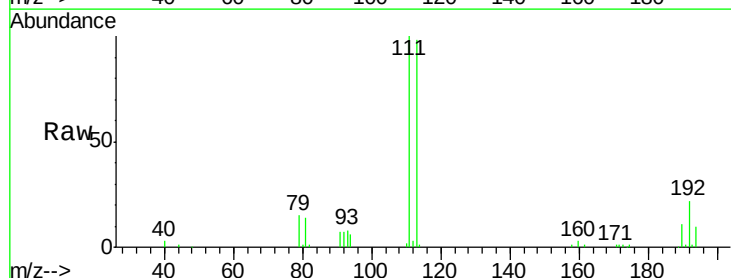


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

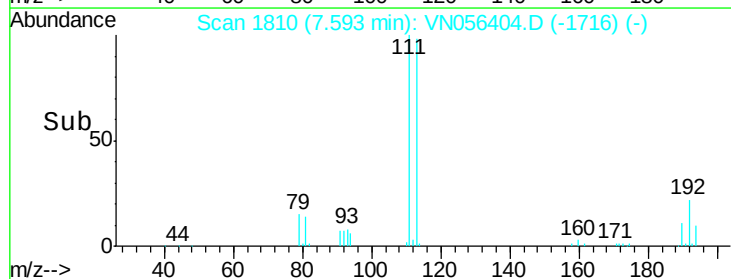
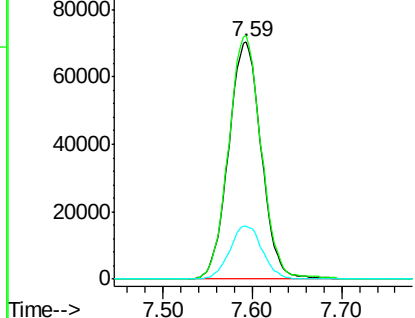


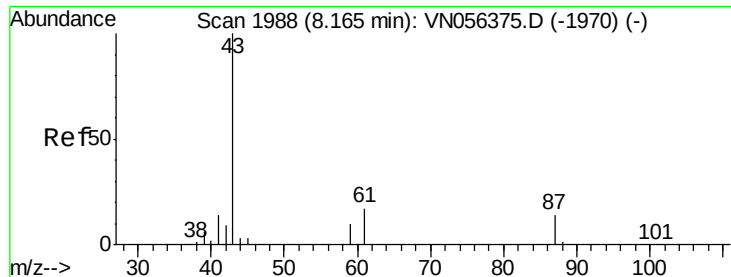
#35
 Dibromofluoromethane
 Concen: 46.548 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056404.D
 Acq: 20 Jun 2019 15:49

Tgt Ion:113 Resp: 178853
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 22.3 17.7 26.5



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: 1.633 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056404.D

Acq: 20 Jun 2019 15:49

Instrument :

MSVOA_N

ClientSampleId :

OR-02-061919-A

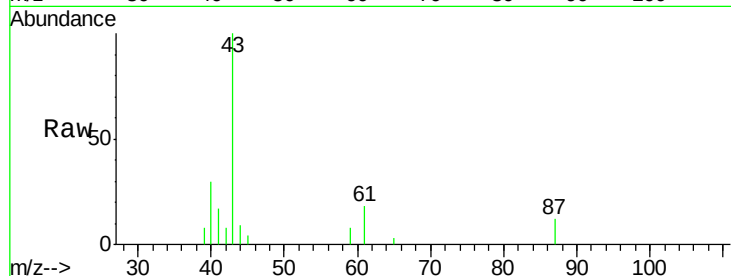
Tot Ion: 43 Resp: 13412

Ion Ratio Lower Upper

43 100

61 18.3 22.0 33.0#

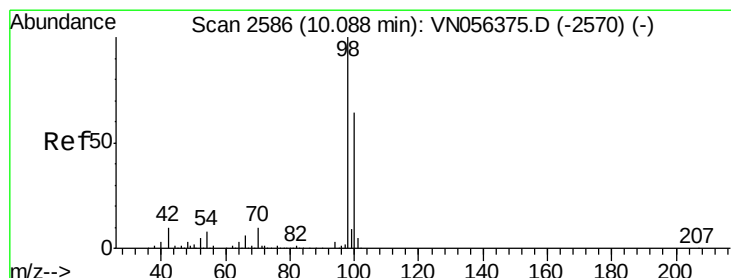
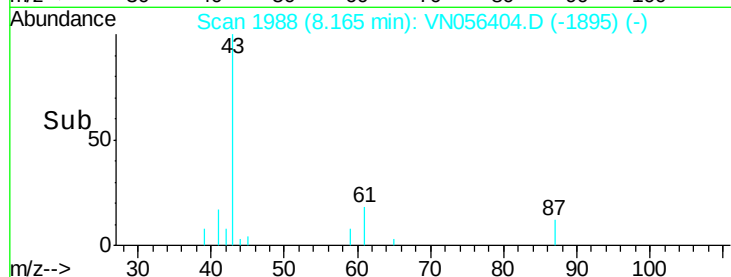
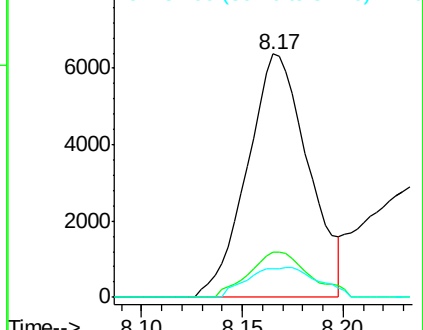
87 14.2 11.0 16.4



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: 51.834 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056404.D

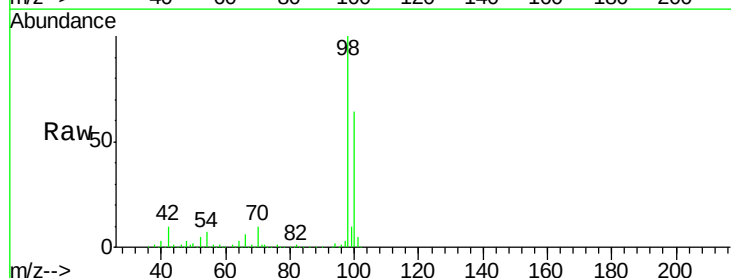
Acq: 20 Jun 2019 15:49

Tgt Ion: 98 Resp: 774966

Ion Ratio Lower Upper

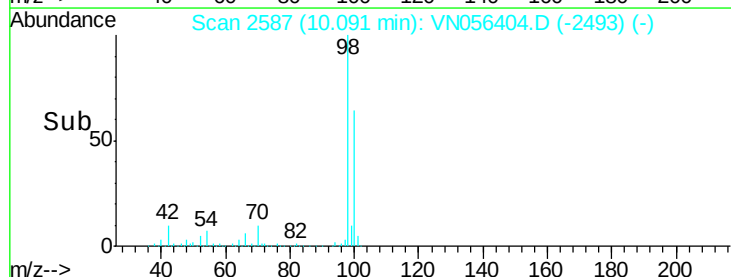
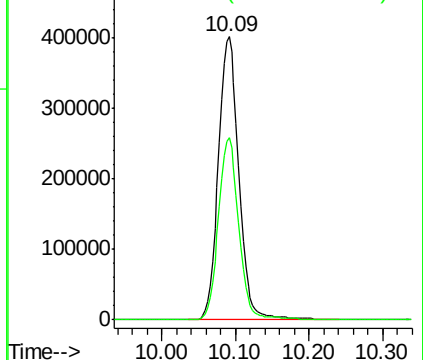
98 100

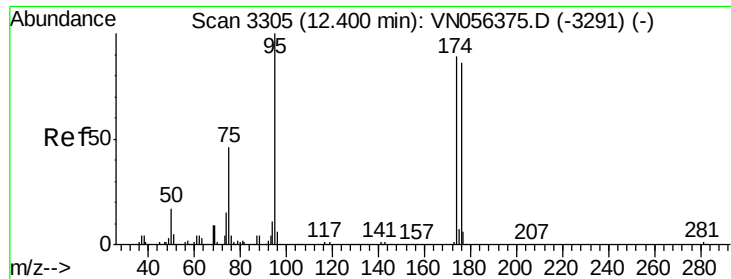
100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.142 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056404.D

Acq: 20 Jun 2019 15:49

Instrument :

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ClientSampleId :

OR-02-061919-A

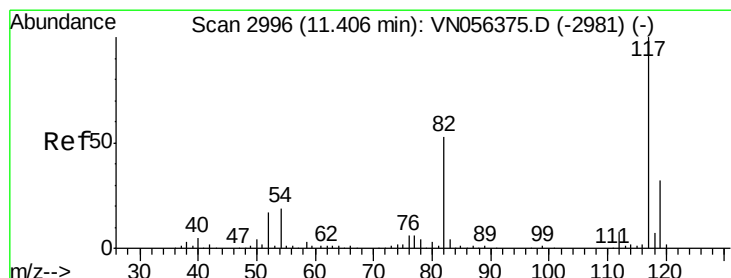
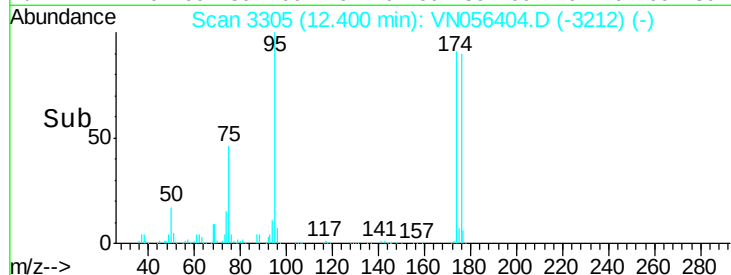
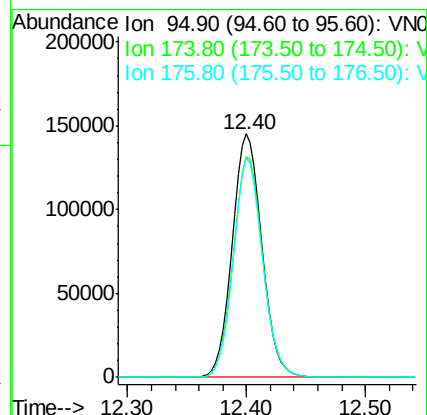
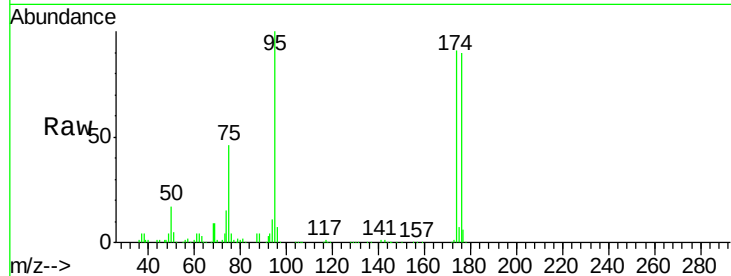
Tot Ion: 95 Resp: 249906

Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.4

176 88.9 0.0 173.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056404.D

Acq: 20 Jun 2019 15:49

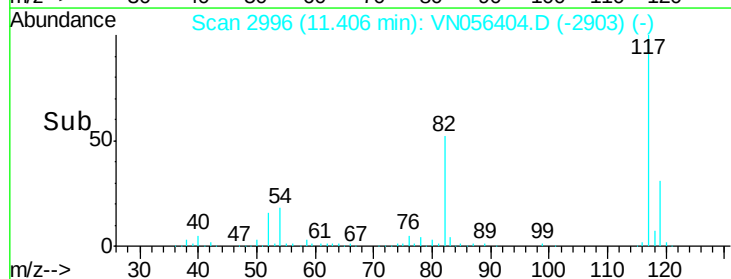
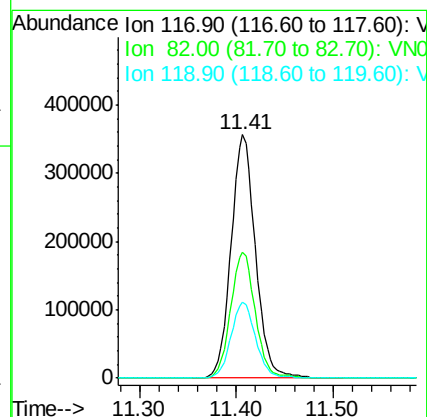
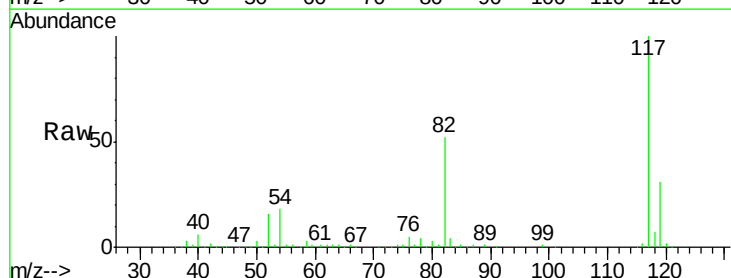
Tgt Ion: 117 Resp: 623604

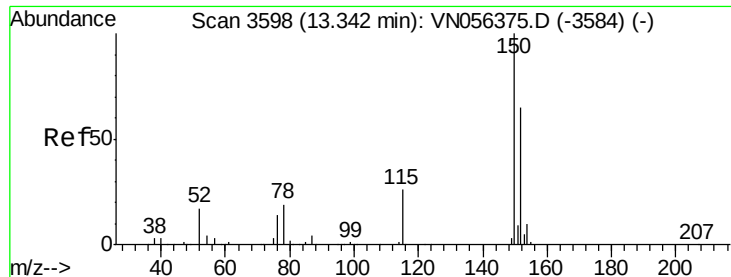
Ion Ratio Lower Upper

117 100

82 51.9 42.0 63.0

119 31.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056404.D

Acq: 20 Jun 2019 15:49

Instrument :

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OR-02-061919-A

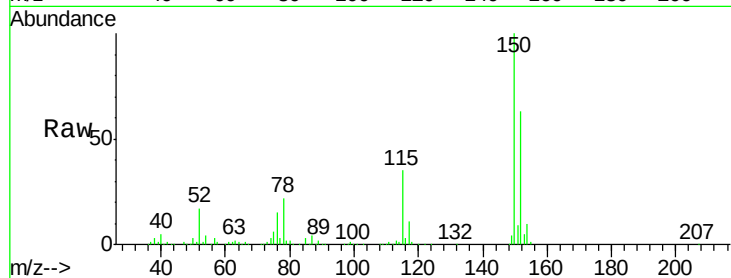
Tot Ion:152 Resp: 182150

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.4

150 157.6 0.0 348.4



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

