

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056345.D
 Acq On : 17 Jun 2019 17:09
 Operator : JC/SP
 Sample : K3154-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-061419-B

Quant Time: Jun 18 05:33:55 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

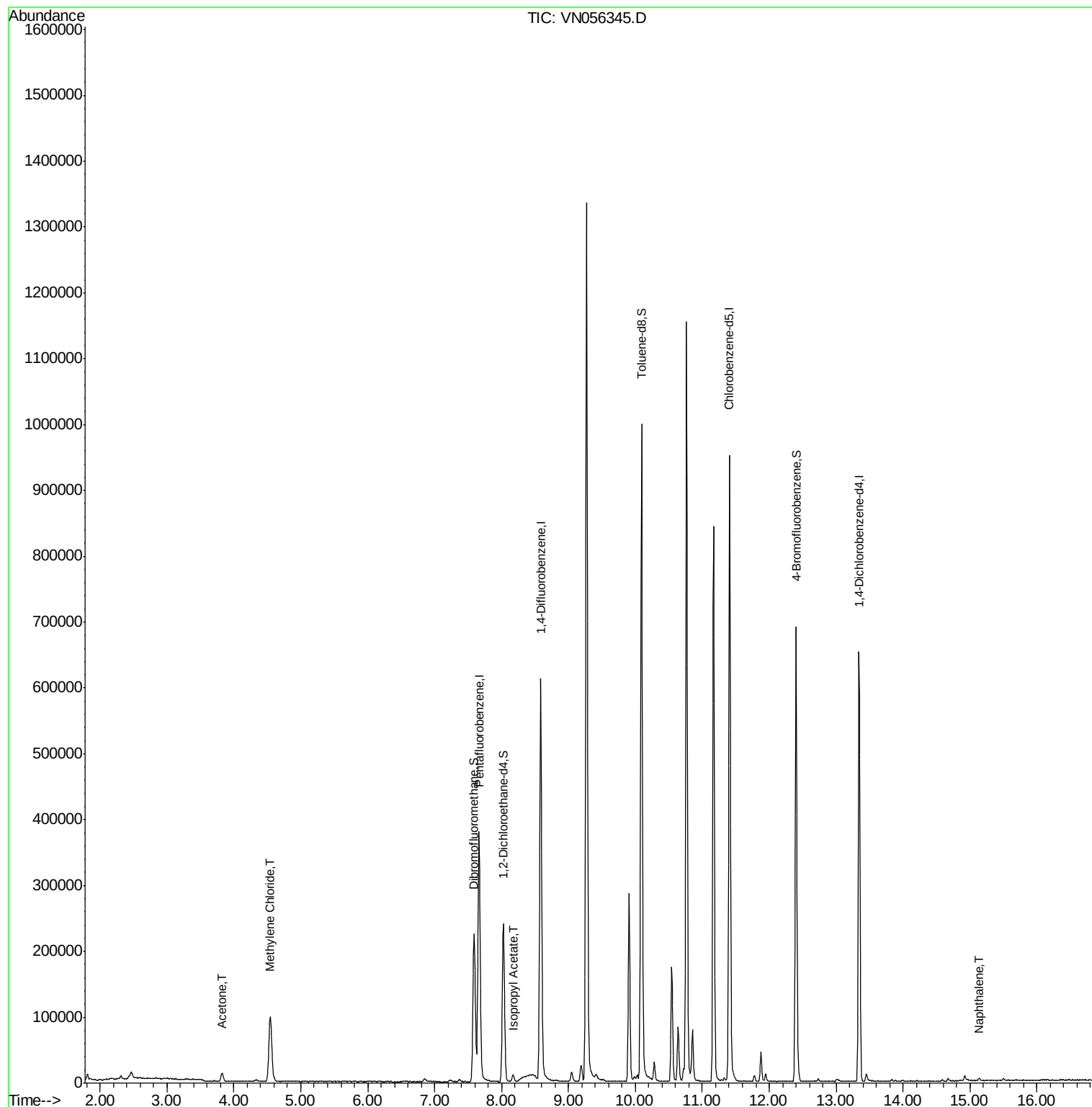
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	349079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	591189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	202882	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
35) Dibromofluoromethane	7.59	113	174448	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
50) Toluene-d8	10.09	98	739742	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	252316	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
Target Compounds						
16) Acetone	3.82	43	22509	10.378	ug/l	98
20) Methylene Chloride	4.54	84	79269	20.698	ug/l	98
43) Isopropyl Acetate	8.17	43	12711	1.576	ug/l	99
95) Naphthalene	15.13	128	4341	5.106	ug/l	97

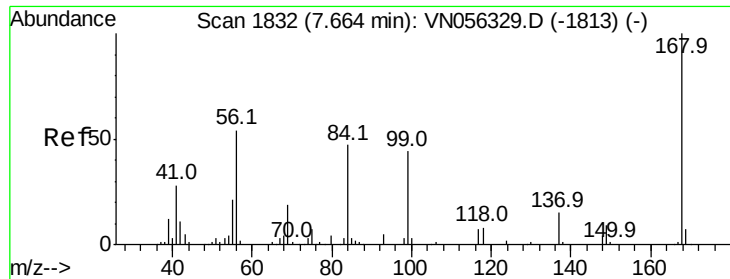
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061719\
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Acq On : 17 Jun 2019 17:09
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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: VN056345.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

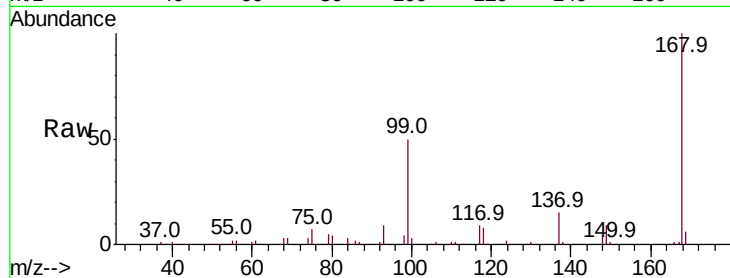
JC-02-061419-B

Tot Ion:168 Resp: 349079

Ion Ratio Lower Upper

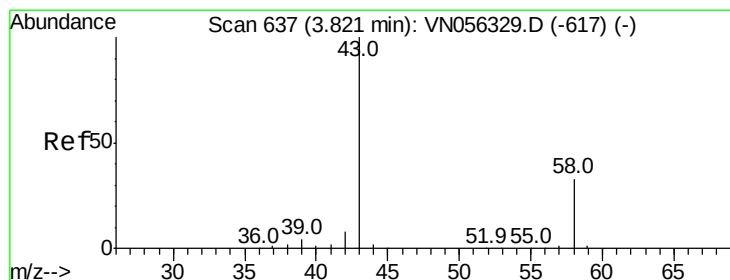
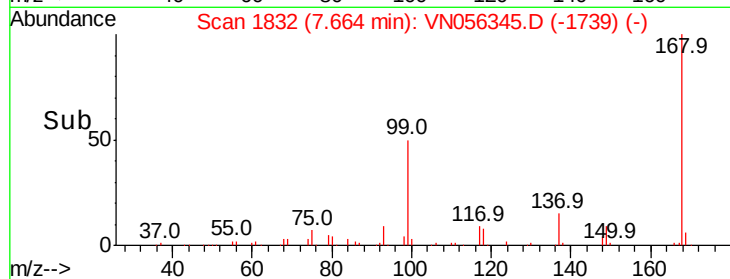
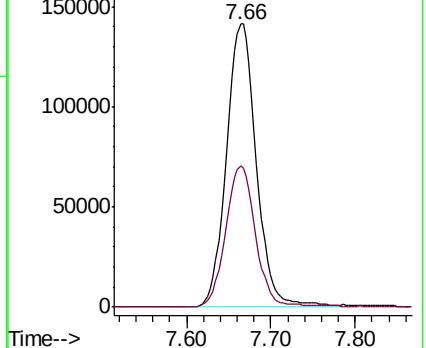
168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 10.378 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN056345.D

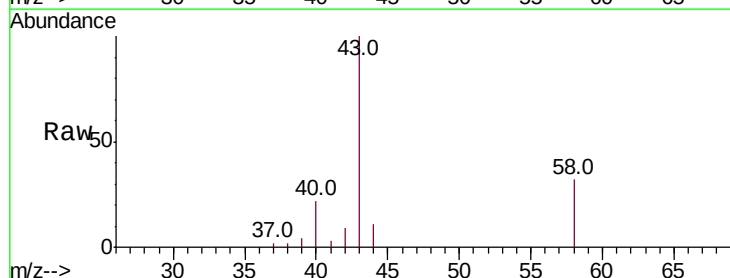
Acq: 17 Jun 2019 17:09

Tgt Ion: 43 Resp: 22509

Ion Ratio Lower Upper

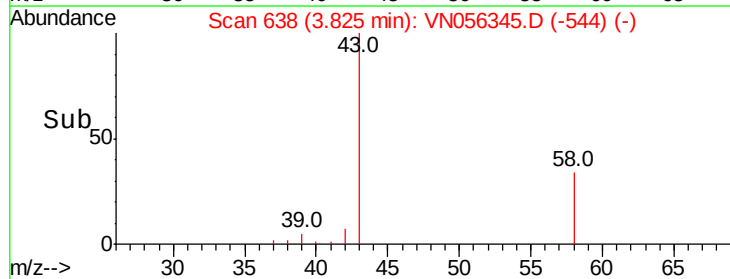
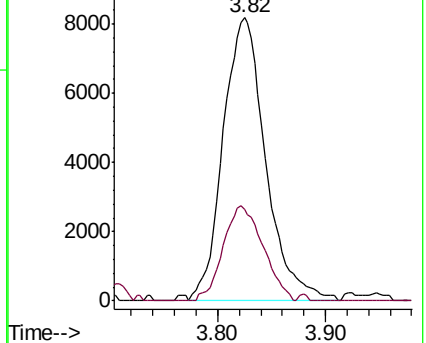
43 100

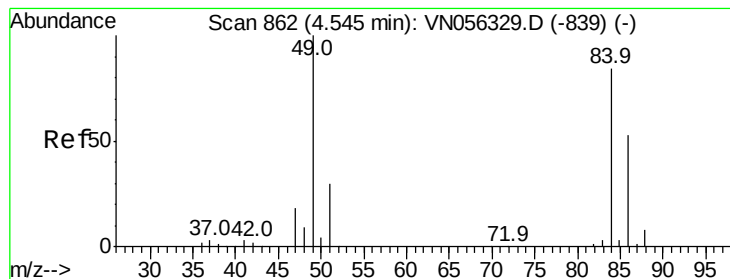
58 32.1 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 20.698 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056345.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-061419-B

Tot Ion: 84 Resp: 79269

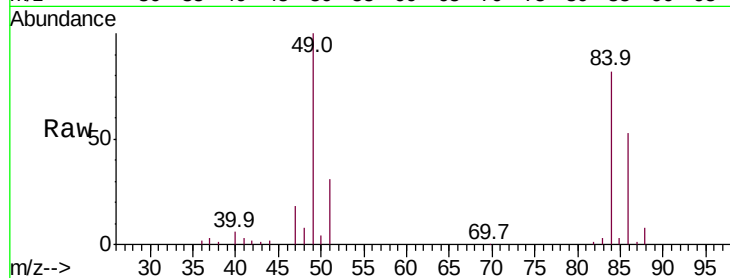
Ion Ratio Lower Upper

84 100

49 121.5 95.0 142.6

51 37.3 28.2 42.4

86 64.6 50.6 75.8

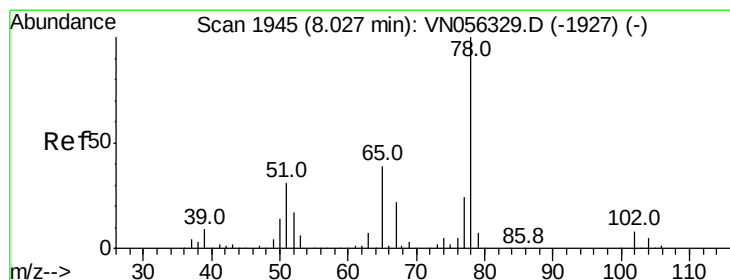
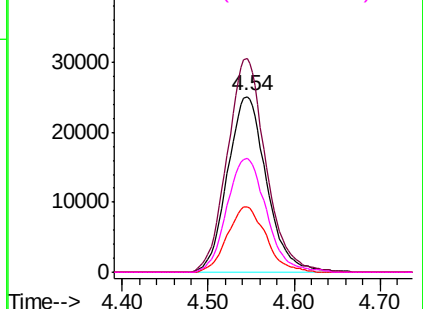
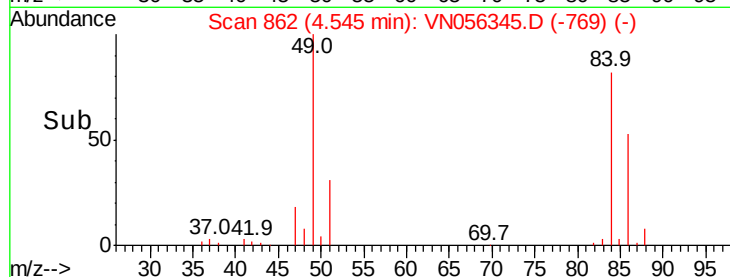


Abundance Ion 83.90 (83.60 to 84.60): VNO

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



#33

1,2-Dichloroethane-d4

Concen: 51.689 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056345.D

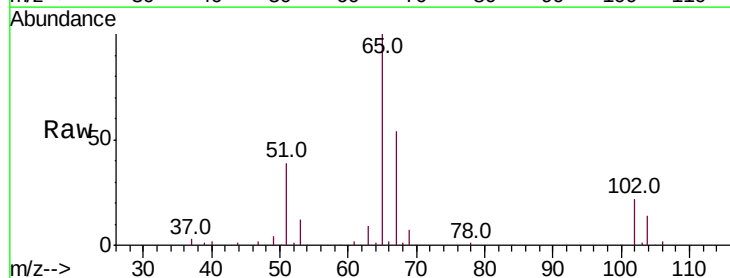
Acq: 17 Jun 2019 17:09

Tgt Ion: 65 Resp: 202882

Ion Ratio Lower Upper

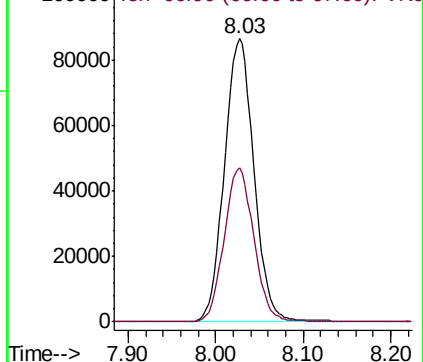
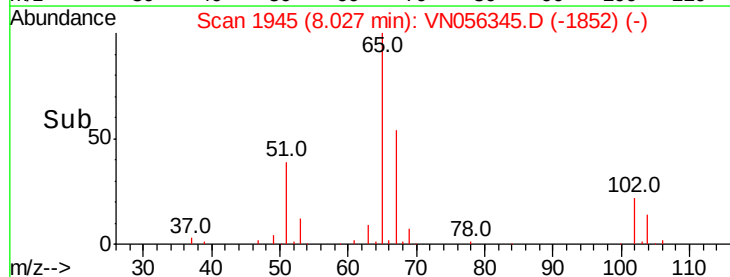
65 100

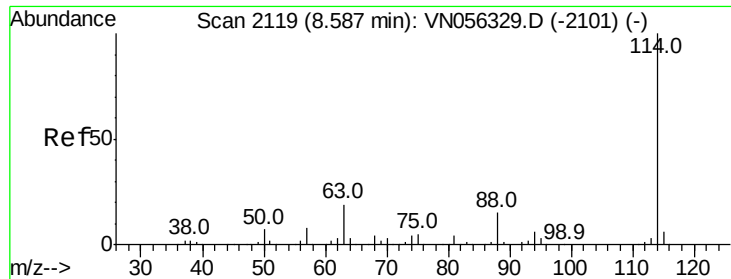
67 54.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

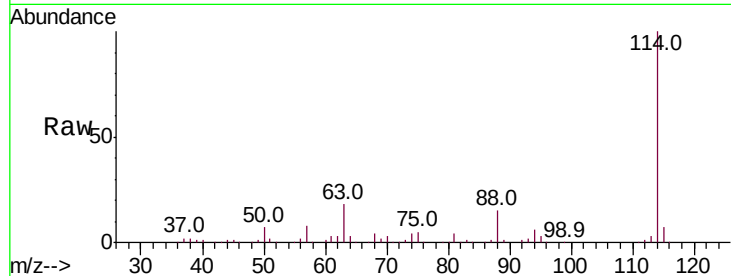




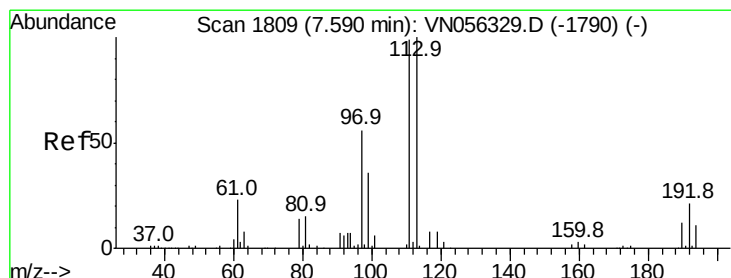
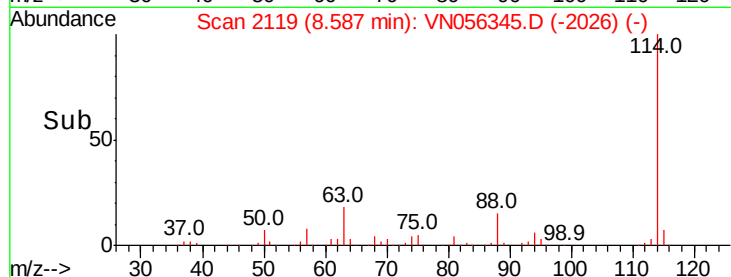
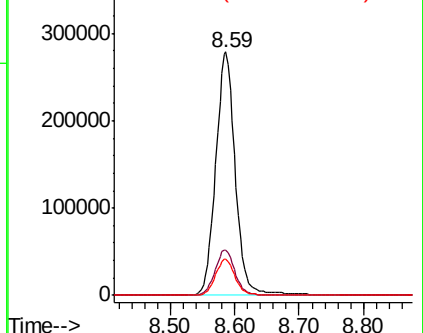
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056345.D
 Acq: 17 Jun 2019 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-061419-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.8
88	14.7	0.0	30.6

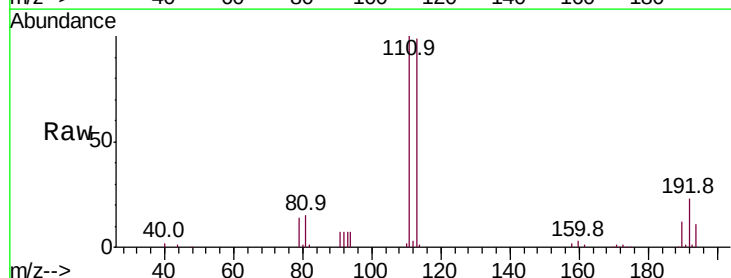


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

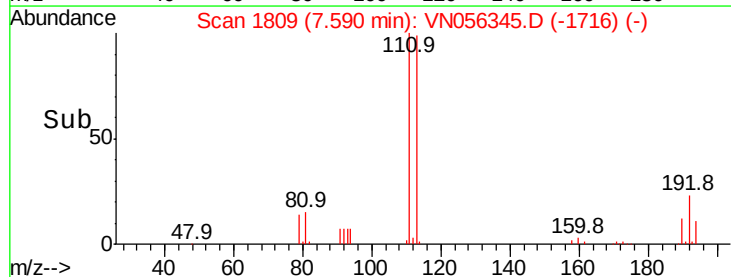
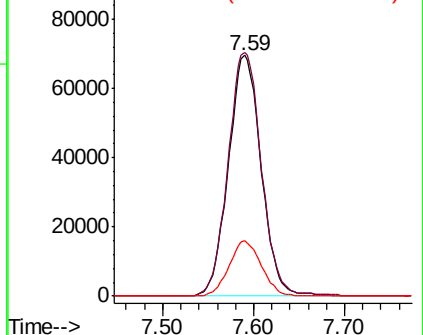


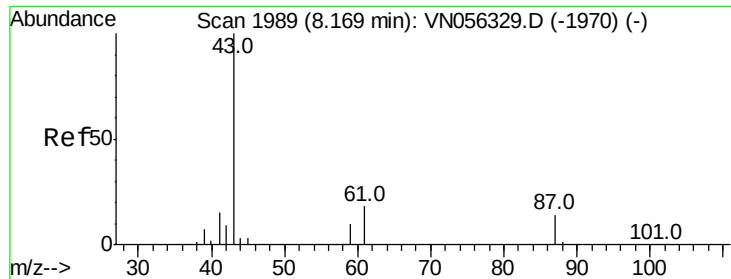
#35
 Dibromofluoromethane
 Concen: 46.014 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056345.D
 Acq: 17 Jun 2019 17:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	22.5	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: 1.576 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN056345.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-061419-B

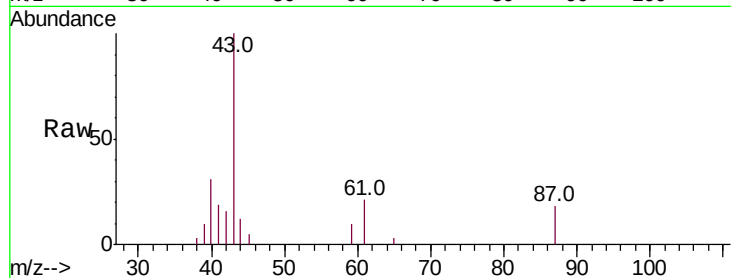
Tot Ion: 43 Resp: 12711

Ion Ratio Lower Upper

43 100

61 21.2 16.6 25.0

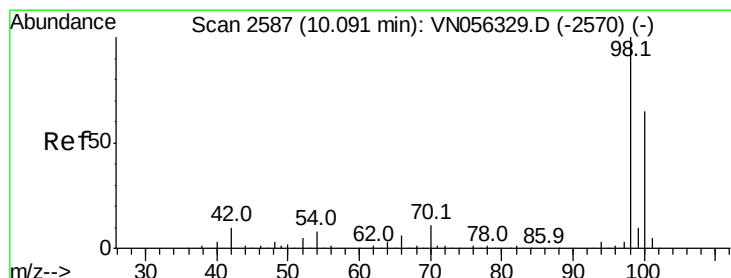
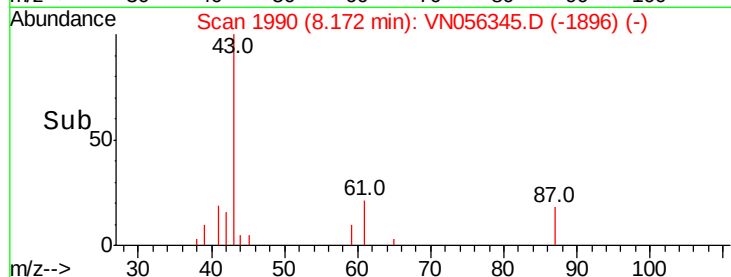
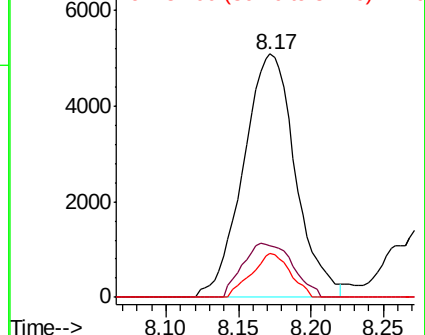
87 13.5 11.0 16.4



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: 51.076 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056345.D

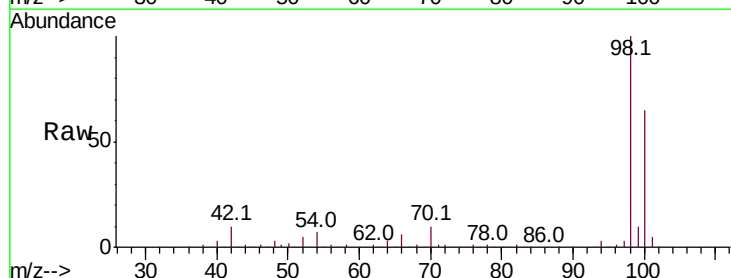
Acq: 17 Jun 2019 17:09

Tgt Ion: 98 Resp: 739742

Ion Ratio Lower Upper

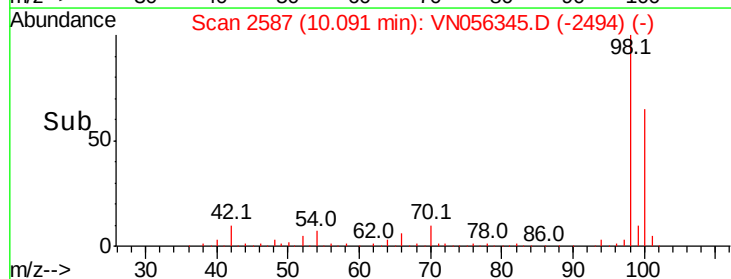
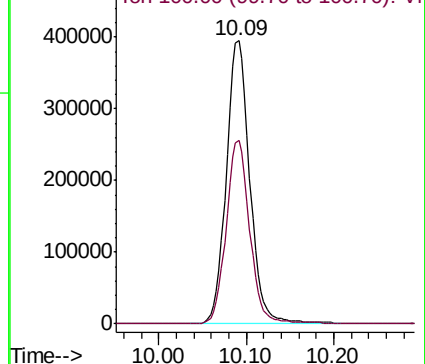
98 100

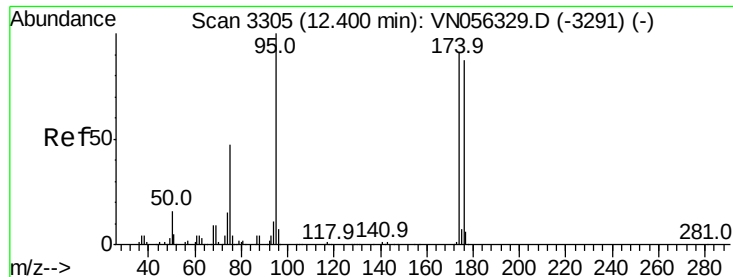
100 65.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.573 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056345.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-061419-B

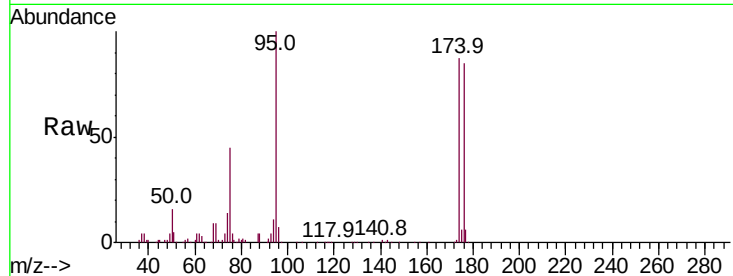
Tot Ion: 95 Resp: 252316

Ion Ratio Lower Upper

95 100

174 88.7 0.0 182.6

176 86.8 0.0 176.8



Abundance Ion 94.90 (94.60 to 95.60): VN056345.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056345.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056345.D (-2903) (-)

12.40

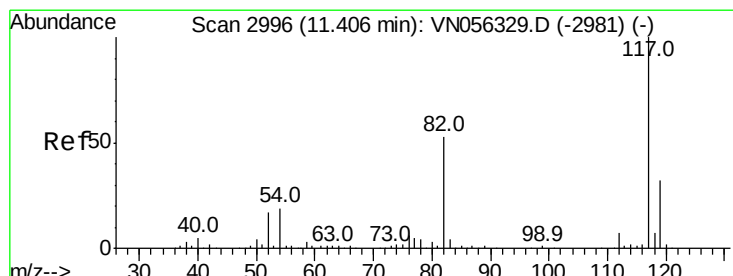
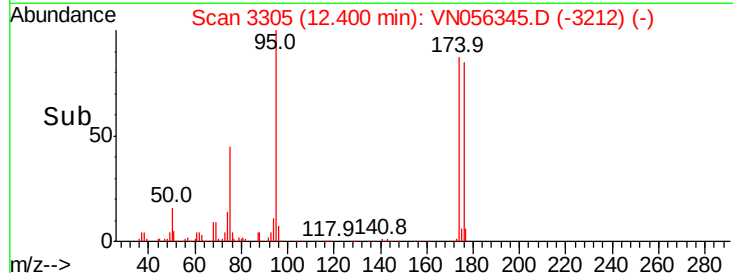
150000

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: VN056345.D

Acq: 17 Jun 2019 17:09

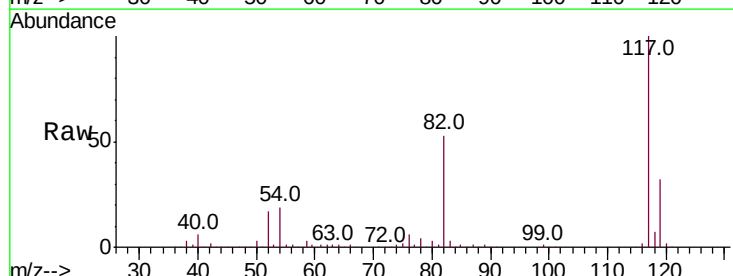
Tgt Ion: 117 Resp: 603853

Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

119 32.3 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VN056345.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056345.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056345.D (-2903) (-)

11.41

400000

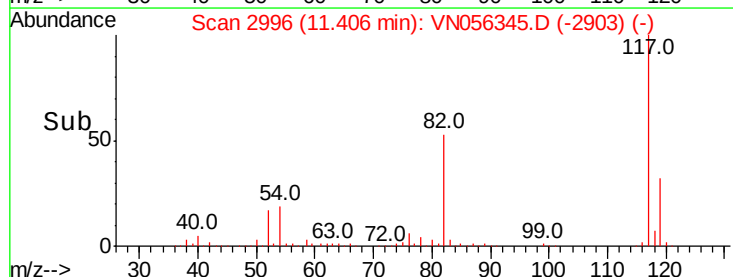
300000

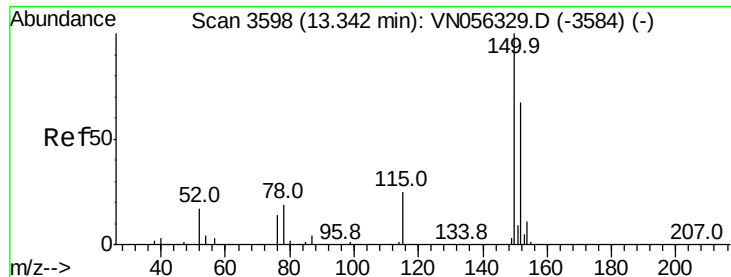
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056345.D

Acq: 17 Jun 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-061419-B

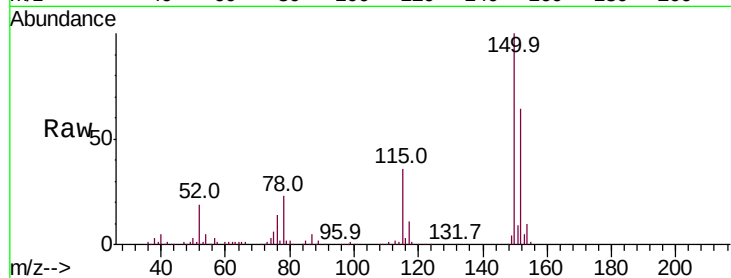
Tot Ion:152 Resp: 193078

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

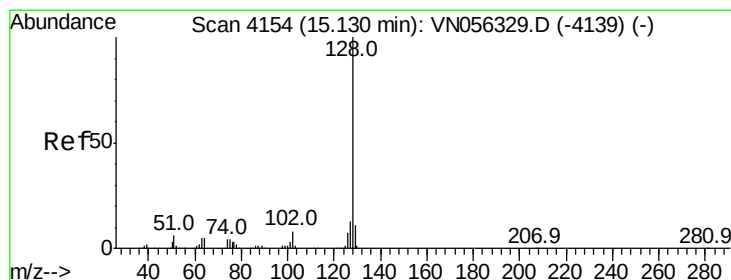
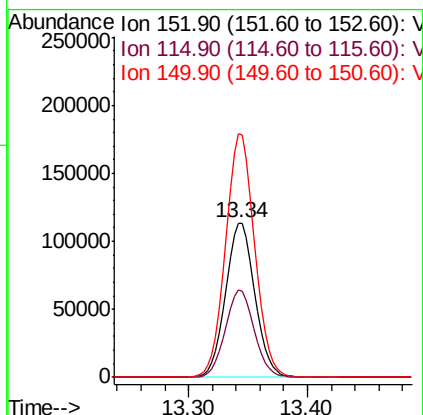
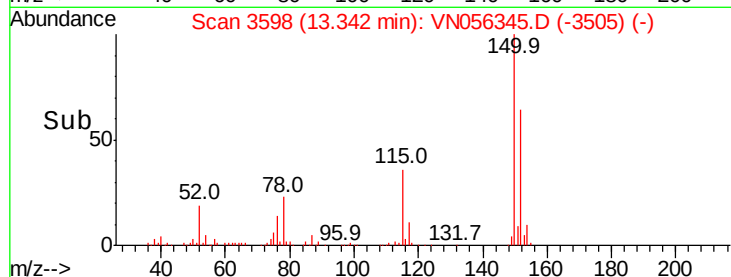
150 156.9 0.0 345.8



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: 5.106 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056345.D

Acq: 17 Jun 2019 17:09

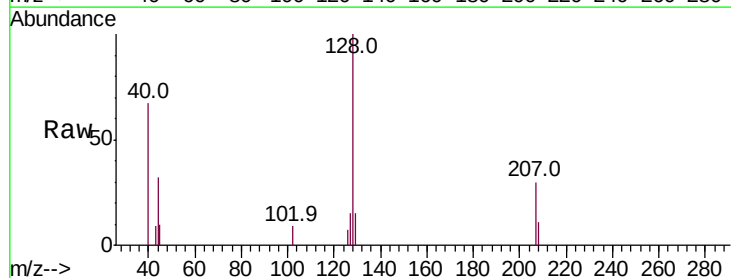
Tgt Ion:128 Resp: 4341

Ion Ratio Lower Upper

128 100

127 11.8 10.6 15.8

129 11.4 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

