

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054242.D
 Acq On : 14 Mar 2019 5:17
 Operator : JC/SP
 Sample : K1866-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-13-COMP

Quant Time: Mar 14 09:00:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

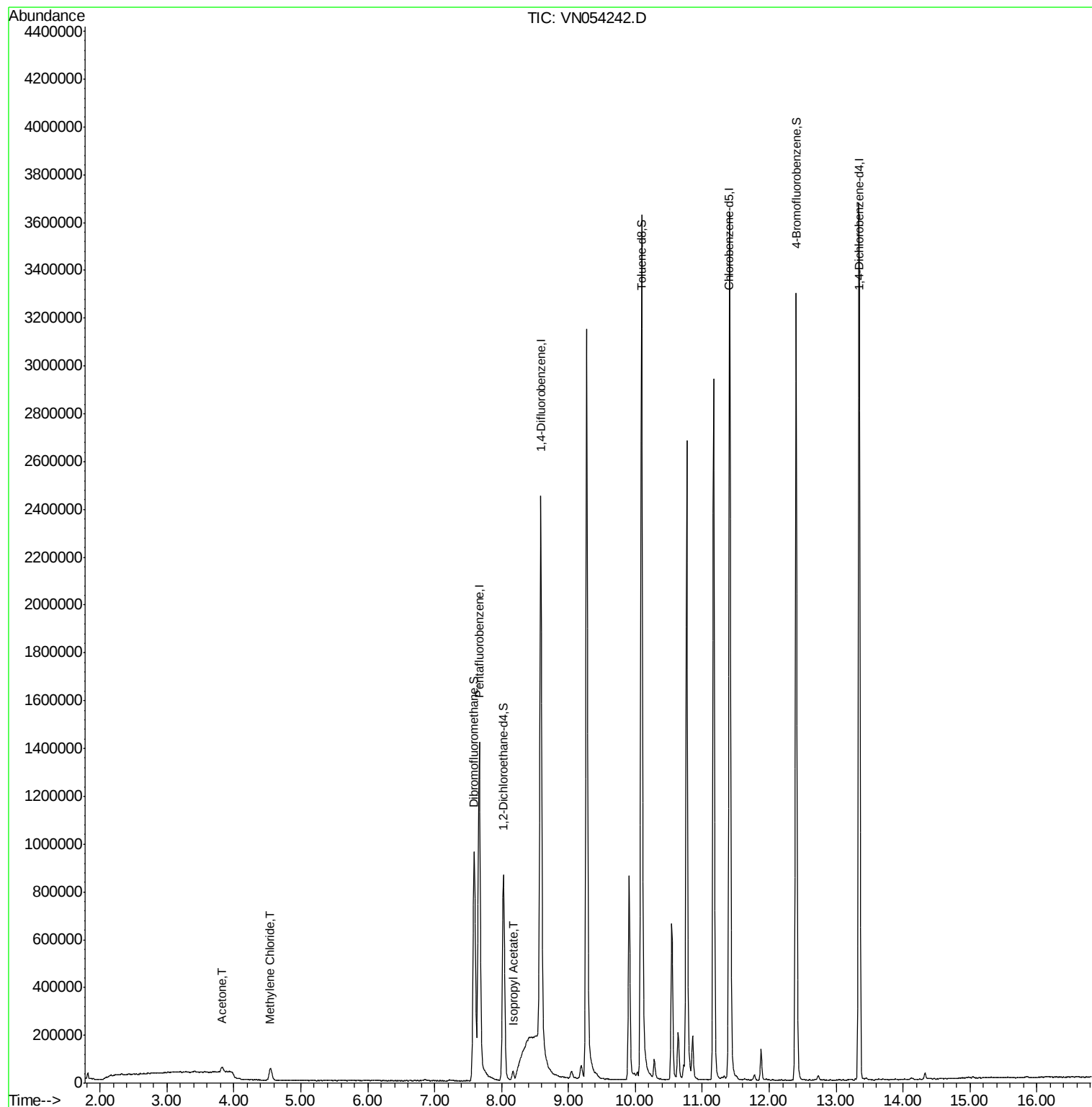
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1338438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2346336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2428528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1083708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	768824	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
35) Dibromofluoromethane	7.59	113	725420	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	10.09	98	2891271	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.40	95	1108173	56.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.34%	
Target Compounds						
16) Acetone	3.82	43	30659	7.533	ug/l	90
20) Methylene Chloride	4.55	84	37651	2.817	ug/l	97
43) Isopropyl Acetate	8.17	43	43149	1.980	ug/l	95

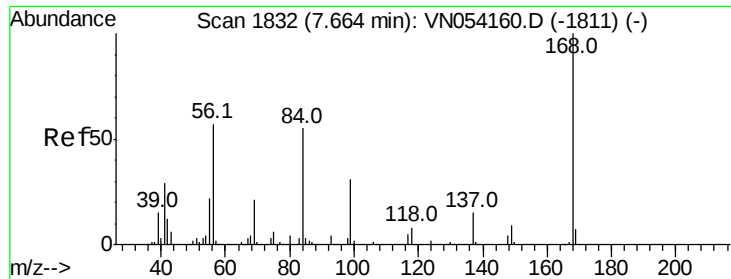
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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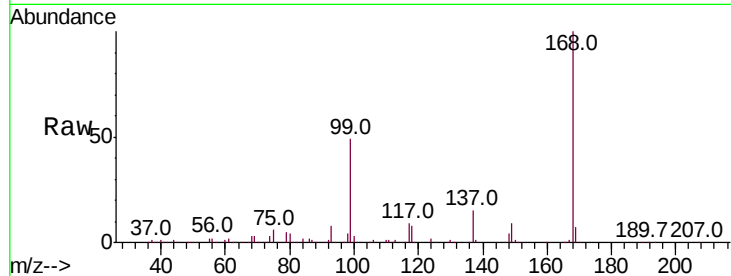


#1

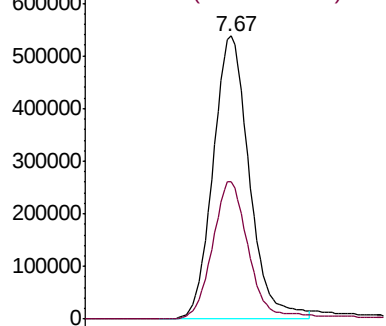
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN054242.D
 Acq: 14 Mar 2019 5:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-13-COMP

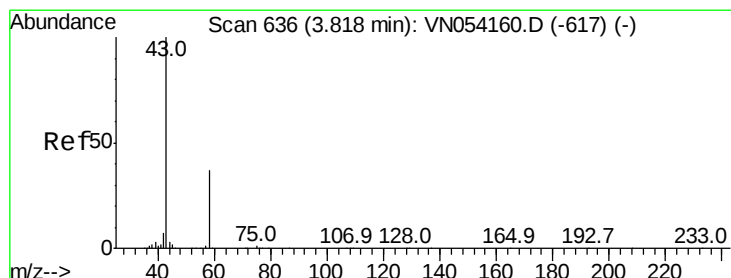
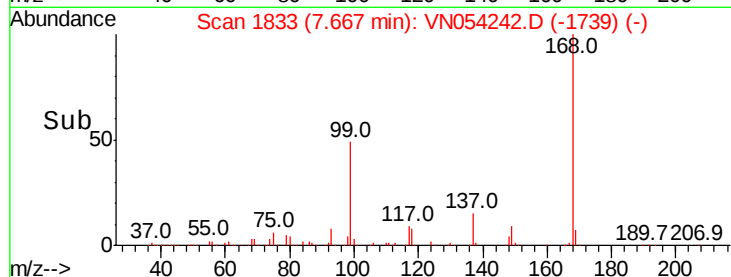
Tot Ion:168 Resp: 1338438
 Ion Ratio Lower Upper
 168 100
 99 48.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VNO



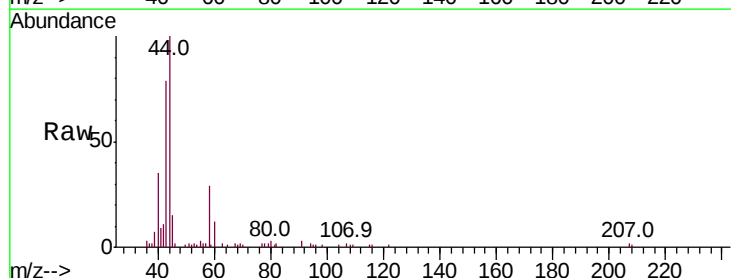
Time-->



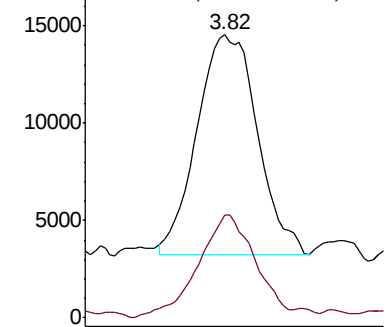
#16

Acetone
 Concen: 7.533 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN054242.D
 Acq: 14 Mar 2019 5:17

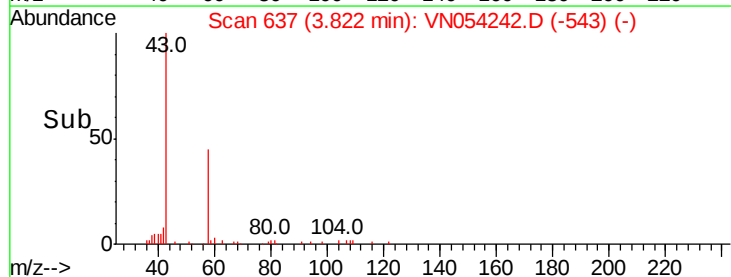
Tgt Ion: 43 Resp: 30659
 Ion Ratio Lower Upper
 43 100
 58 43.5 29.9 44.9

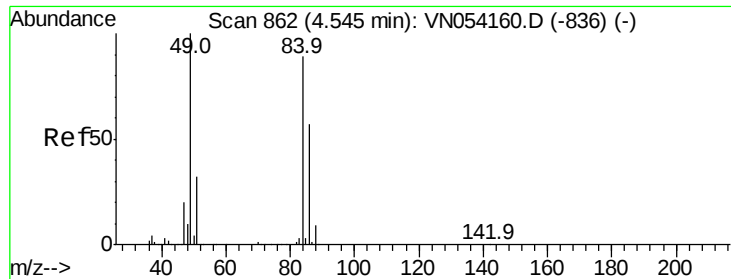


Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 58.00 (57.70 to 58.70): VNO



Time-->





#20

Methylene Chloride

Concen: 2.817 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054242.D

Acq: 14 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-13-COMP

Tot Ion: 84 Resp: 37651

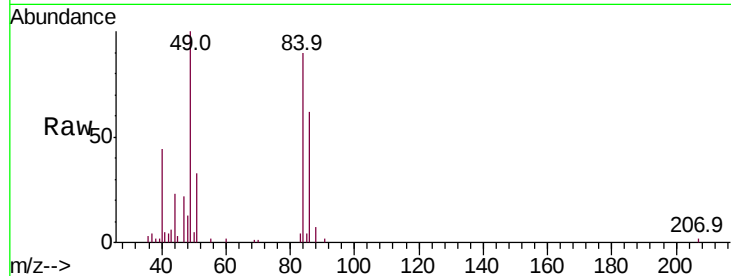
Ion Ratio Lower Upper

84 100

49 110.5 89.7 134.5

51 36.4 28.2 42.4

86 68.8 50.8 76.2

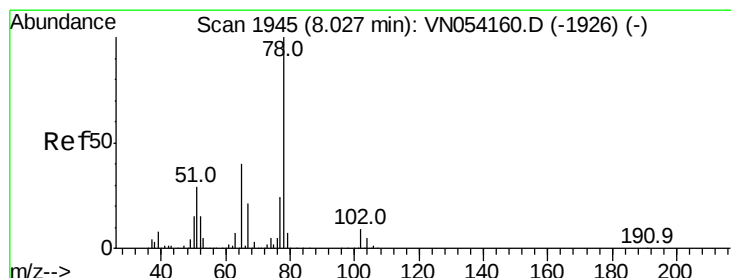
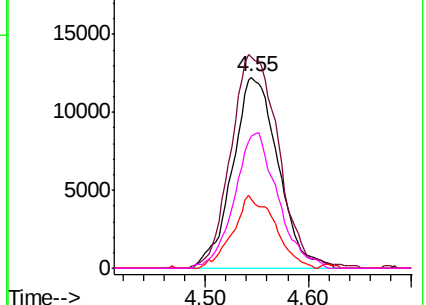
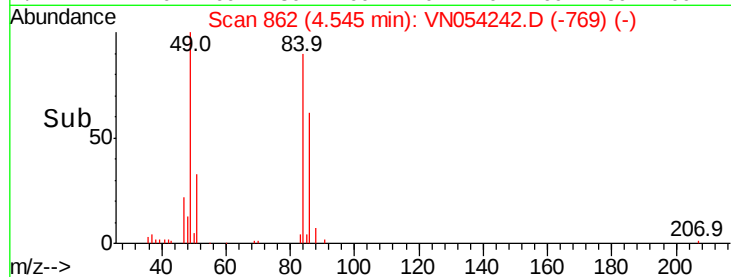


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 54.088 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054242.D

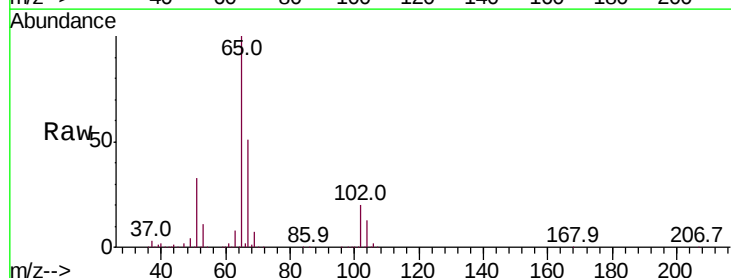
Acq: 14 Mar 2019 5:17

Tgt Ion: 65 Resp: 768824

Ion Ratio Lower Upper

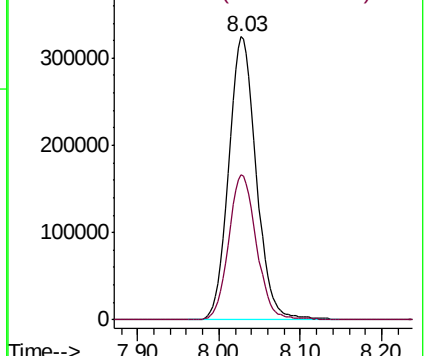
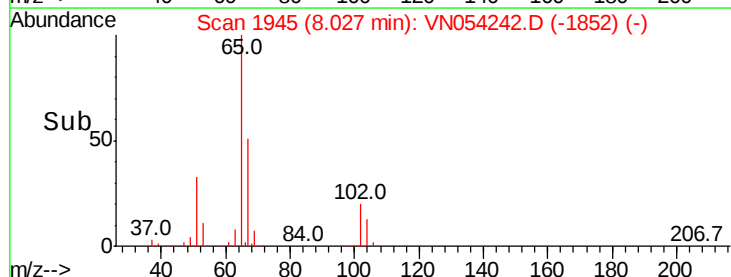
65 100

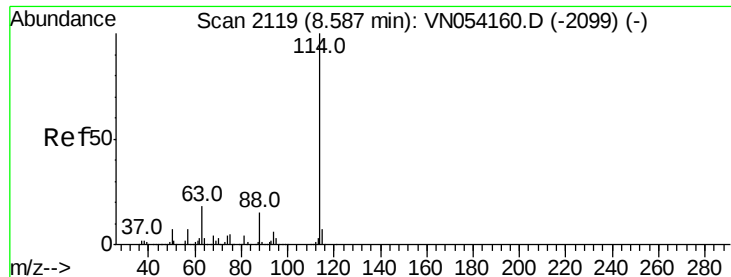
67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

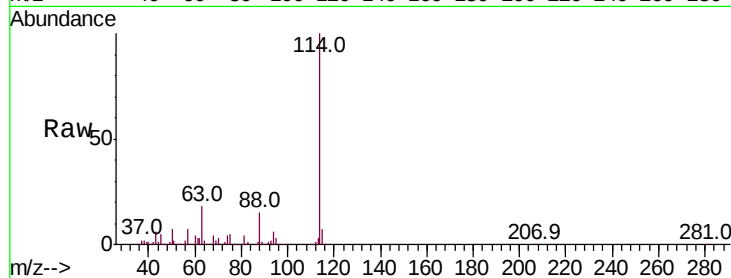




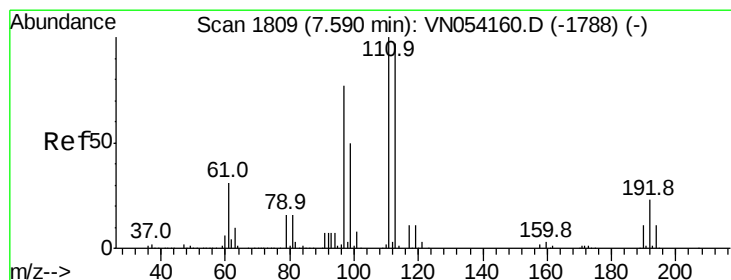
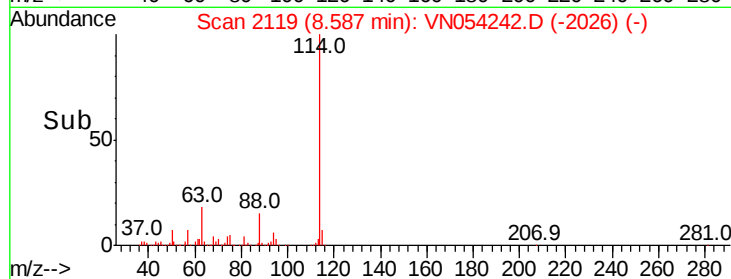
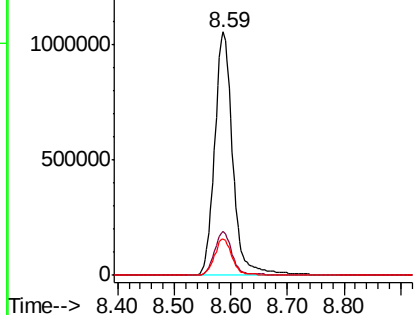
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054242.D
 Acq: 14 Mar 2019 5:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-13-COMP

Tot Ion:114 Resp: 2346336
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 15.0 0.0 30.2

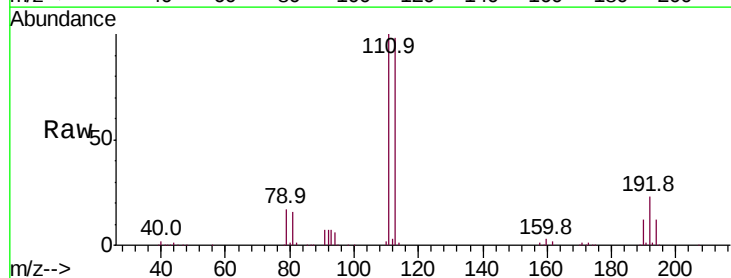


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

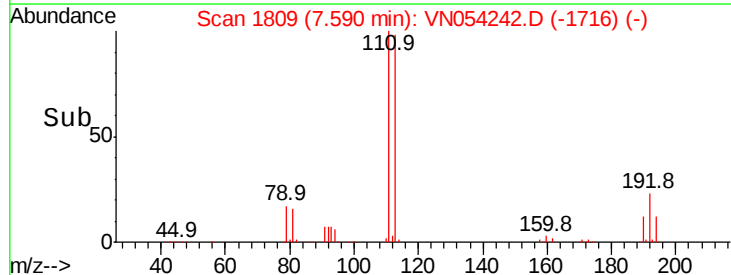
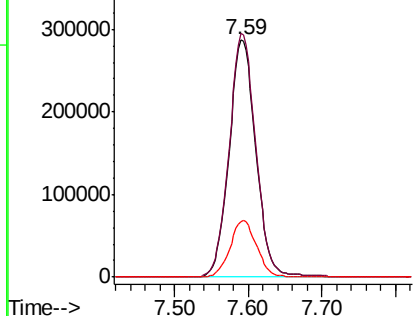


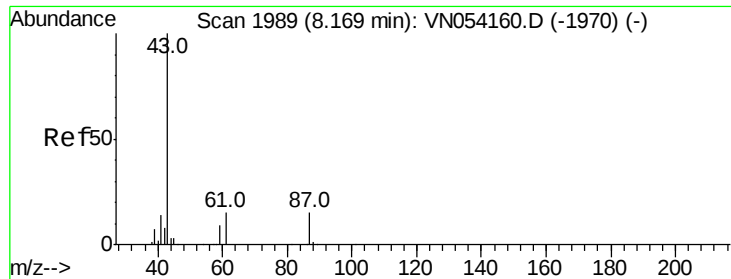
#35
 Dibromofluoromethane
 Concen: 47.937 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054242.D
 Acq: 14 Mar 2019 5:17

Tgt Ion:113 Resp: 725420
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 23.7 19.2 28.8



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: 1.980 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054242.D

Acq: 14 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-13-COMP

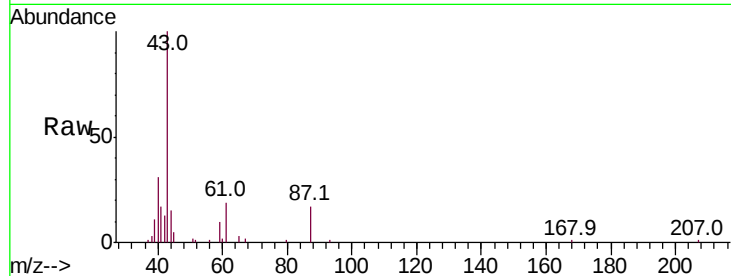
Tot Ion: 43 Resp: 43149

Ion Ratio Lower Upper

43 100

61 23.0 15.8 23.8

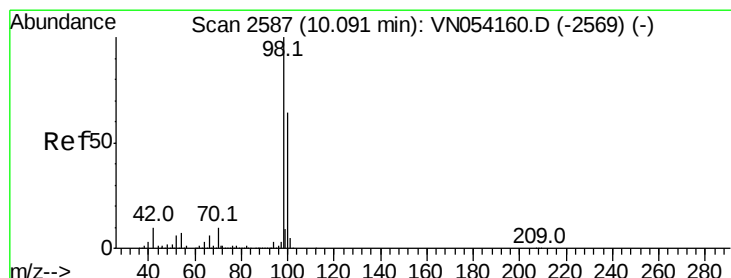
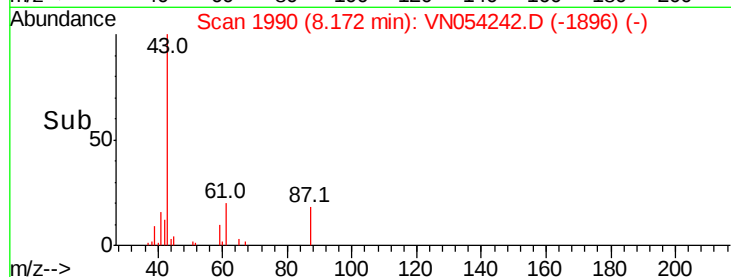
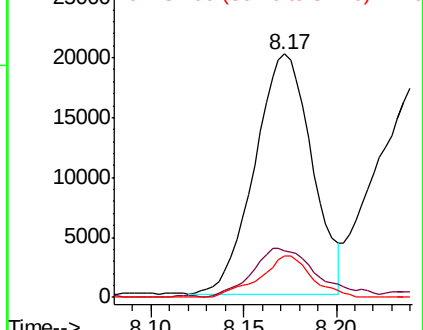
87 15.6 12.0 18.0



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: 51.733 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054242.D

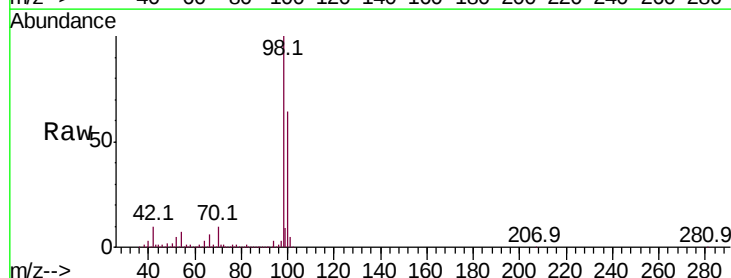
Acq: 14 Mar 2019 5:17

Tgt Ion: 98 Resp: 2891271

Ion Ratio Lower Upper

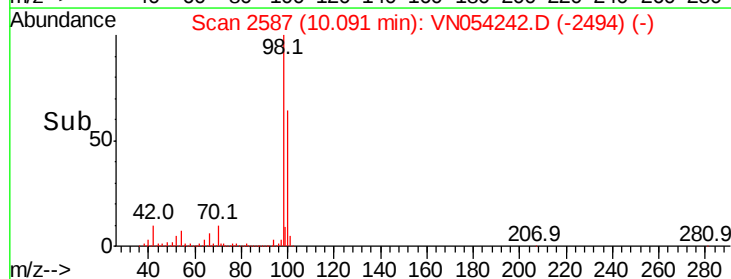
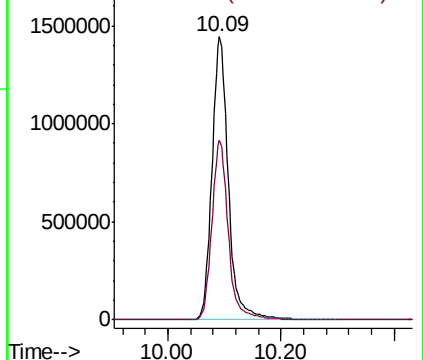
98 100

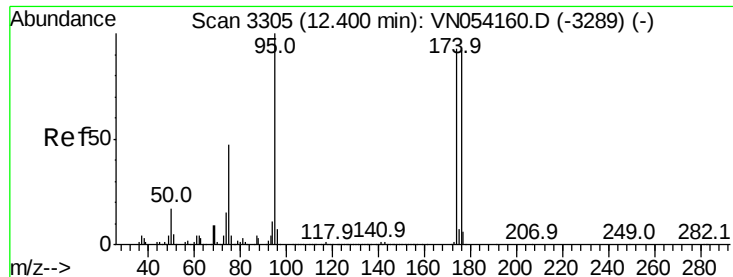
100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 56.669 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054242.D

Acq: 14 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-13-COMP

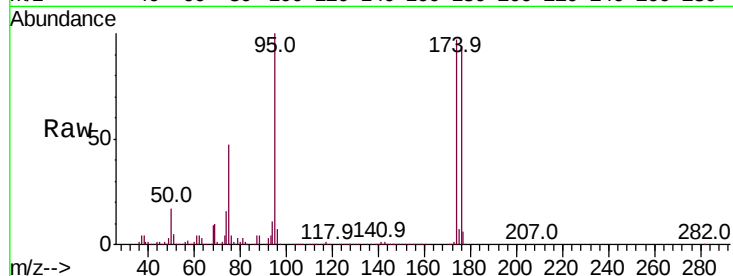
Tot Ion: 95 Resp: 1108173

Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

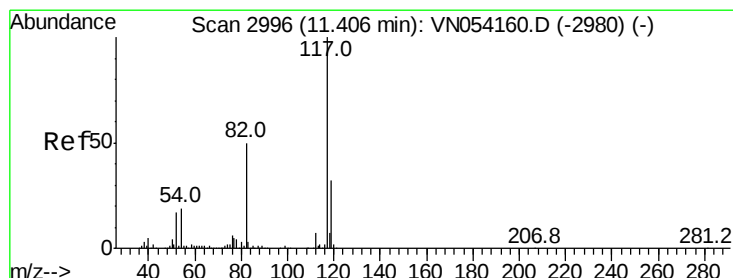
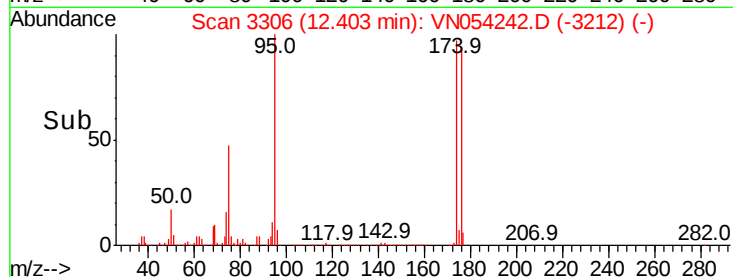
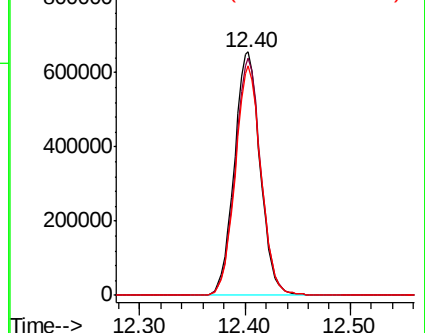
176 93.9 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054242.D

Acq: 14 Mar 2019 5:17

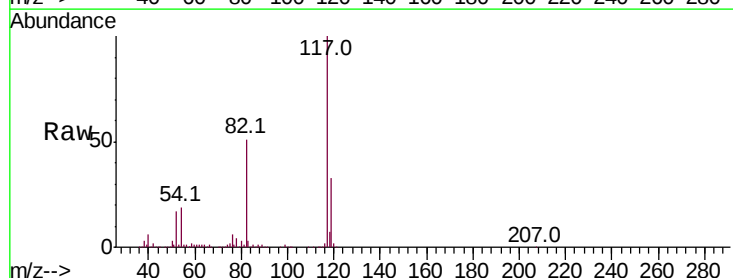
Tgt Ion: 117 Resp: 2428528

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

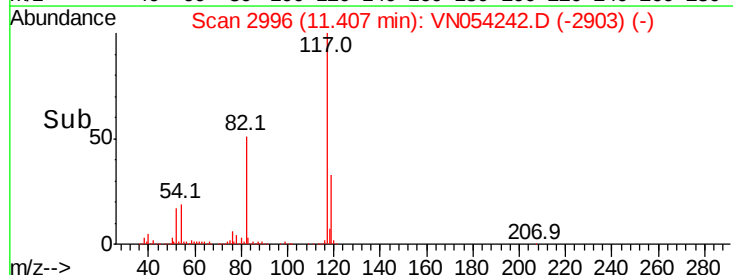
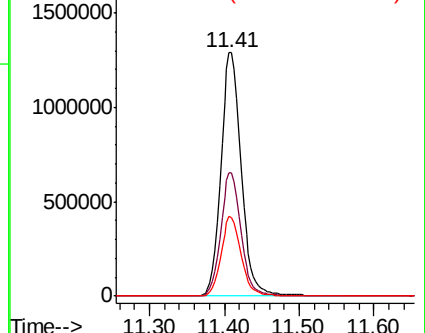
119 32.5 25.8 38.6

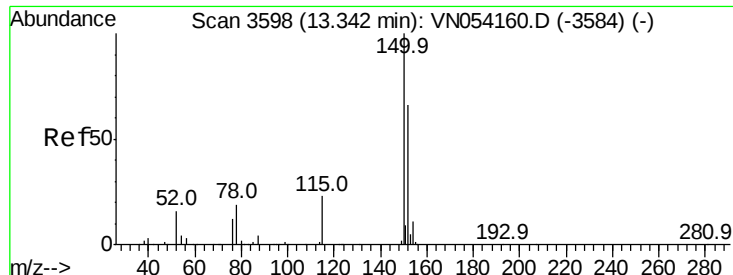


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054242.D

Acq: 14 Mar 2019 5:17

Instrument :

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ClientSampleId :

MR-MH-13-COMP

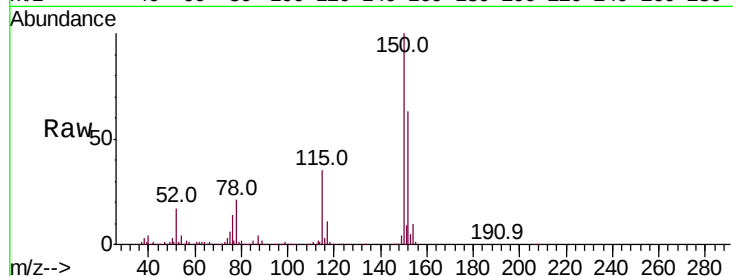
Tot Ion:152 Resp: 1083708

Ion Ratio Lower Upper

152 100

115 54.9 27.2 81.6

150 157.7 0.0 349.2



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

