

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054246.D
 Acq On : 14 Mar 2019 7:02
 Operator : JC/SP
 Sample : K1866-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-02-COMP

Quant Time: Mar 14 09:07:31 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

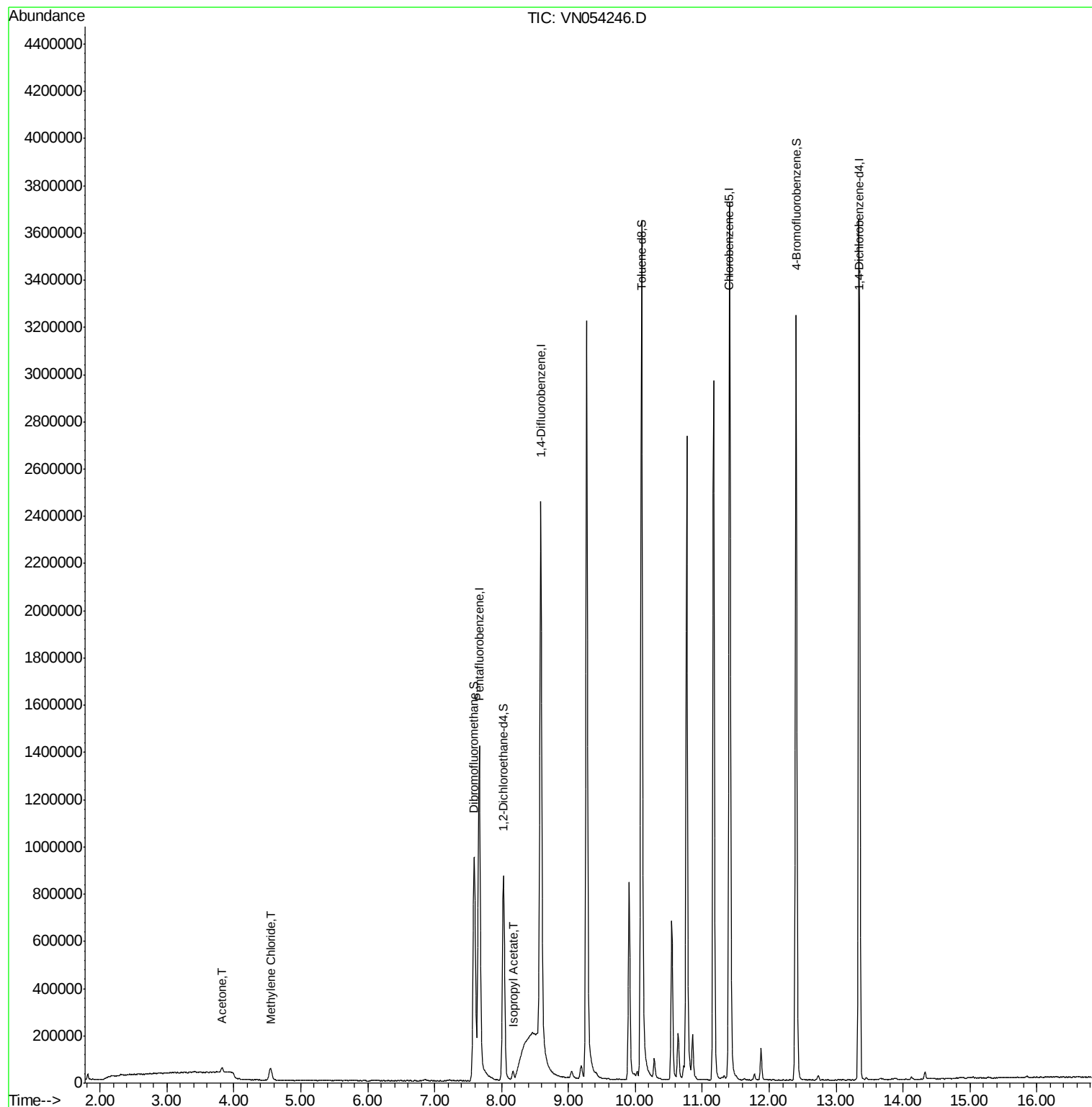
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1369571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2362965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2473464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1068160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	767163	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
35) Dibromofluoromethane	7.59	113	730128	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	10.09	98	2905865	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.40	95	1110721	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
Target Compounds						
16) Acetone	3.82	43	33150	7.960	ug/l	92
20) Methylene Chloride	4.54	84	39365	2.879	ug/l	97
43) Isopropyl Acetate	8.17	43	44779	2.040	ug/l	97

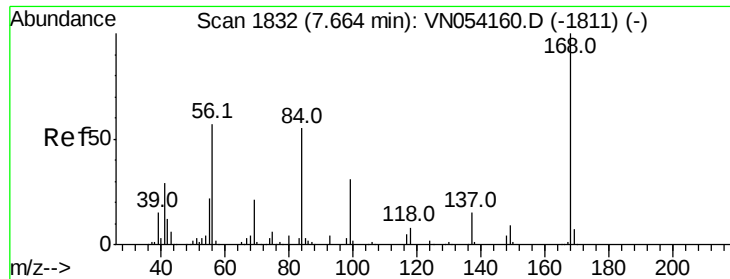
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
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QLast Update : Wed Mar 13 03:33:31 2019
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: VN054246.D

Acq: 14 Mar 2019 7:02

Instrument :

MSVOA_N

ClientSampleId :

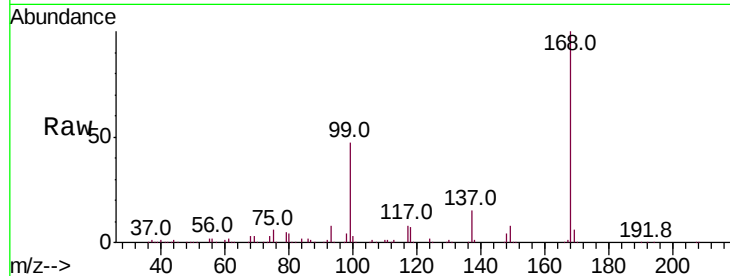
MR-MH-02-COMP

Tot Ion:168 Resp: 1369571

Ion Ratio Lower Upper

168 100

99 47.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

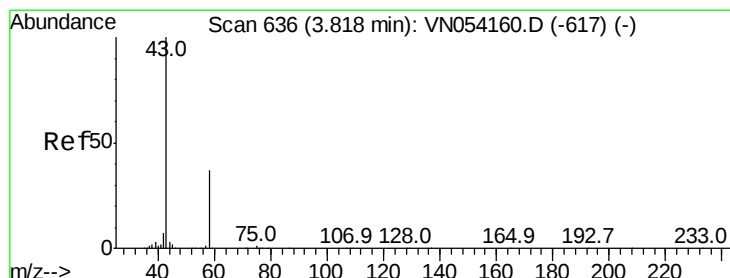
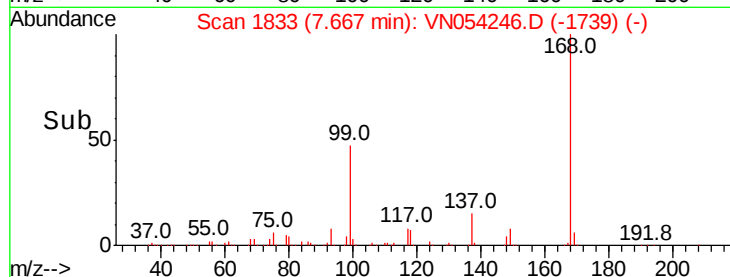
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.960 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054246.D

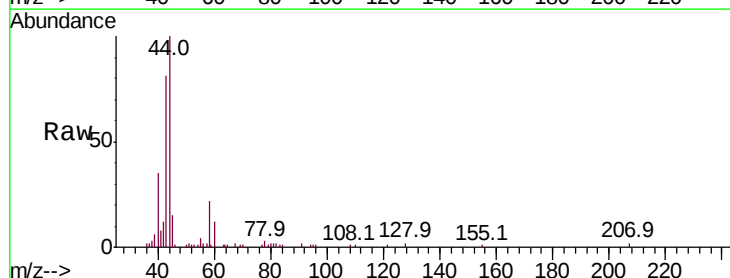
Acq: 14 Mar 2019 7:02

Tgt Ion: 43 Resp: 33150

Ion Ratio Lower Upper

43 100

58 32.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

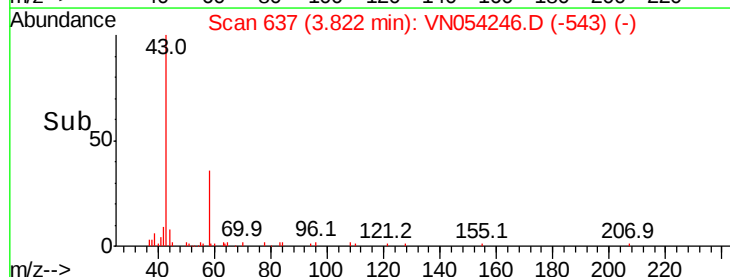
15000

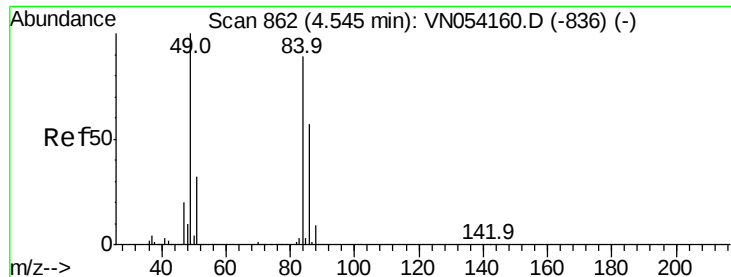
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 2.879 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN054246.D

Acq: 14 Mar 2019 7:02

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-02-COMP

Tot Ion: 84 Resp: 39365

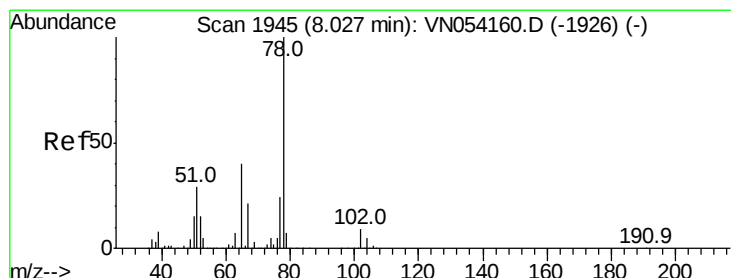
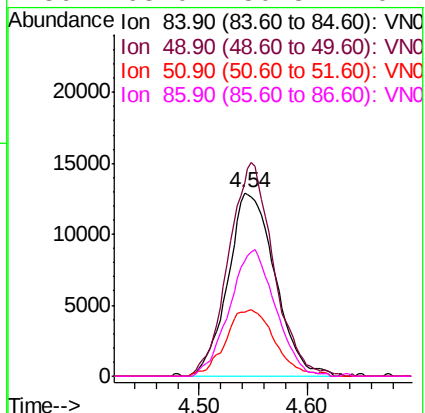
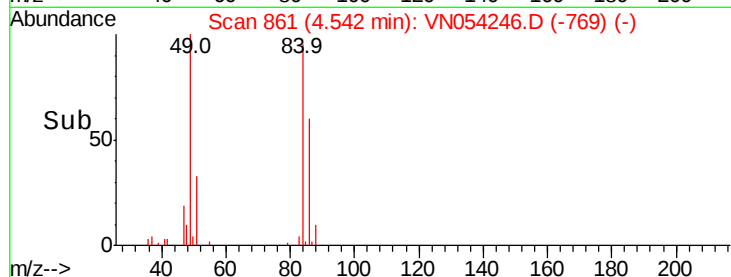
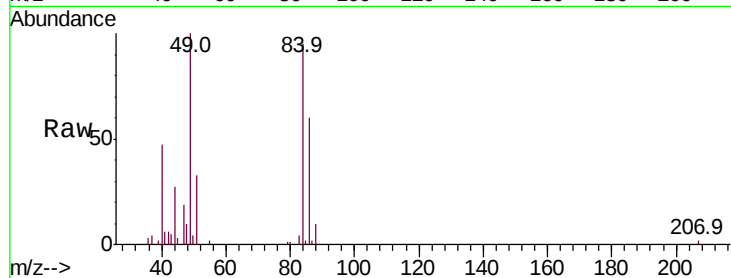
Ion	Ratio	Lower	Upper
84	100		
49	105.8	89.7	134.5
51	34.9	28.2	42.4
86	63.0	50.8	76.2

84 100

49 105.8 89.7 134.5

51 34.9 28.2 42.4

86 63.0 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 52.745 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054246.D

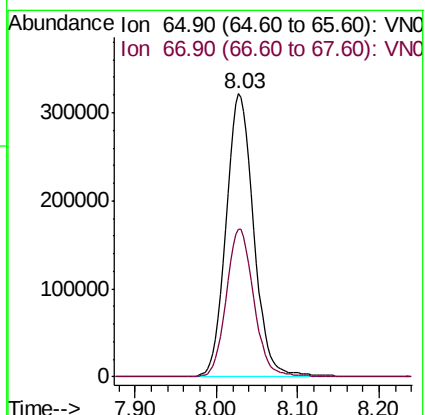
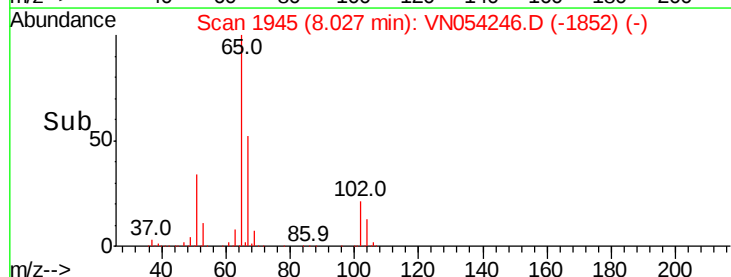
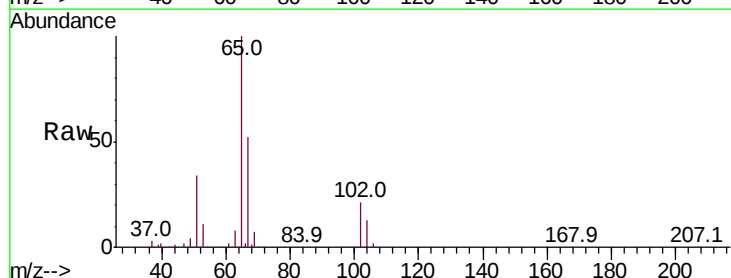
Acq: 14 Mar 2019 7:02

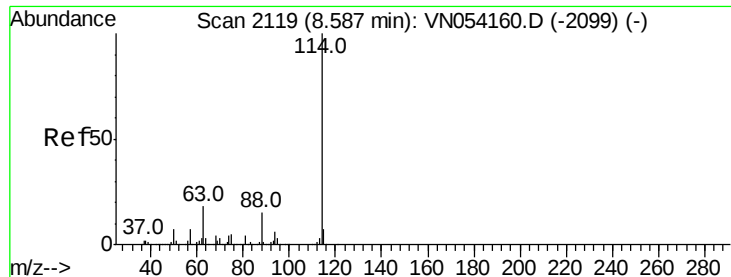
Tgt Ion: 65 Resp: 767163

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.6

65 100

67 51.7 0.0 104.6

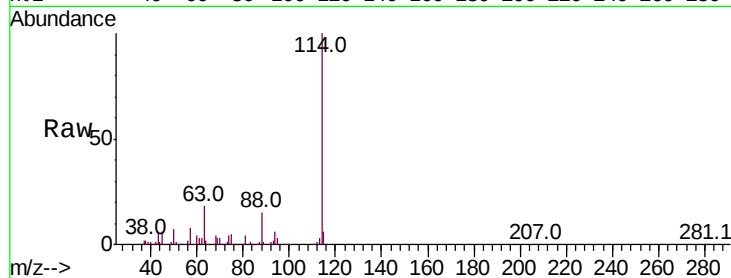




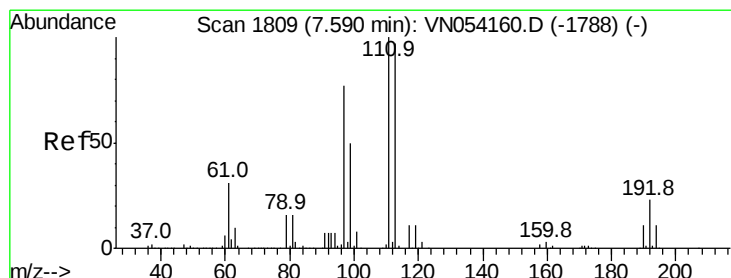
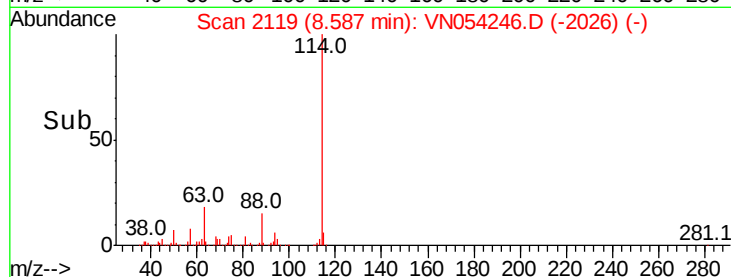
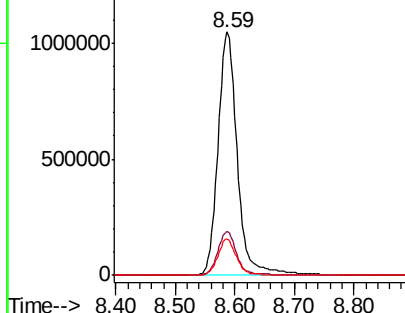
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054246.D
 Acq: 14 Mar 2019 7:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-02-COMP

Tot Ion:114 Resp: 2362965
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 15.1 0.0 30.2

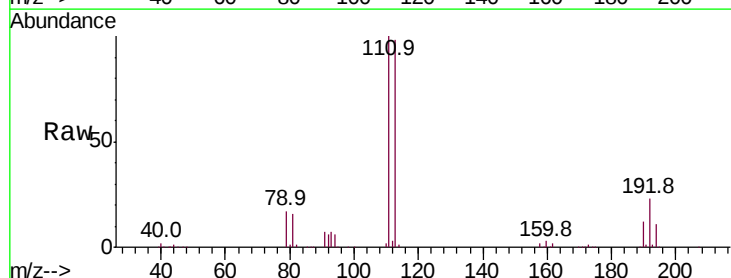


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

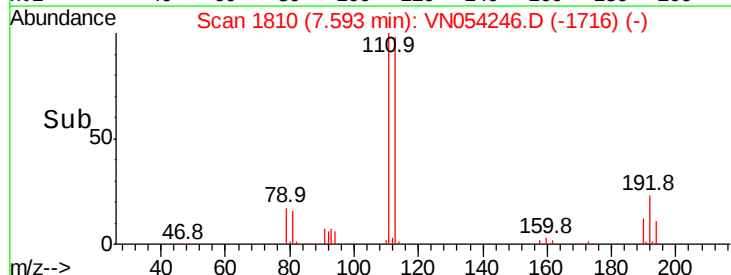
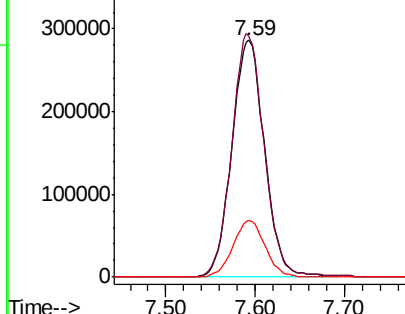


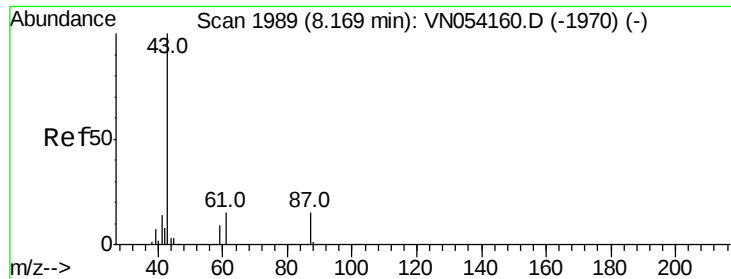
#35
 Dibromofluoromethane
 Concen: 47.908 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054246.D
 Acq: 14 Mar 2019 7:02

Tgt Ion:113 Resp: 730128
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 23.6 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

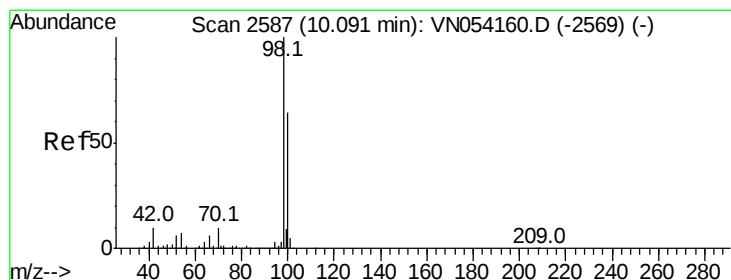
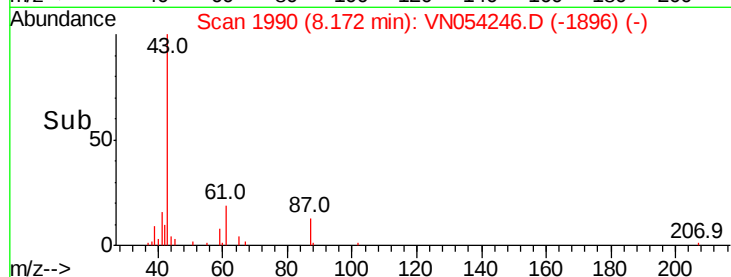
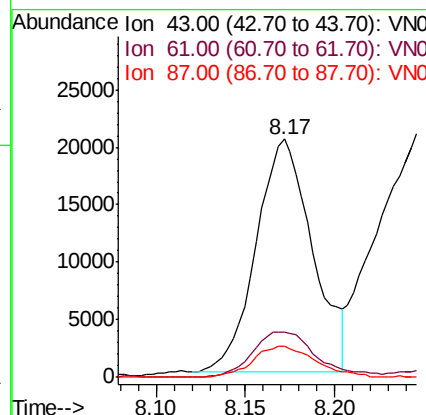
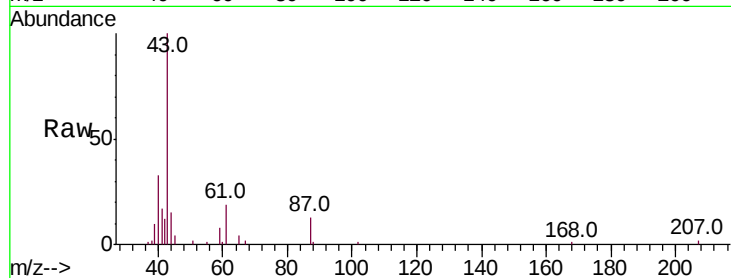




#43
Isopropyl Acetate
Concen: 2.040 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054246.D
Acq: 14 Mar 2019 7:02

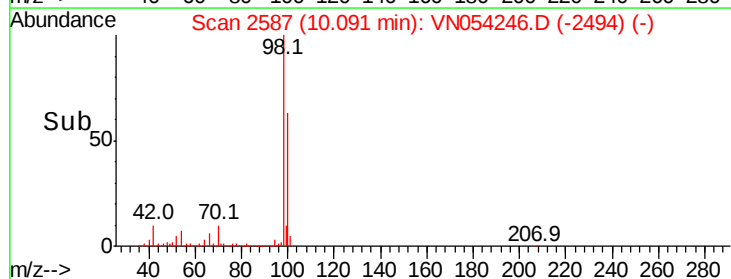
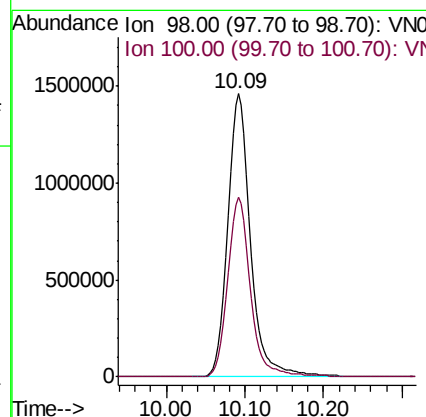
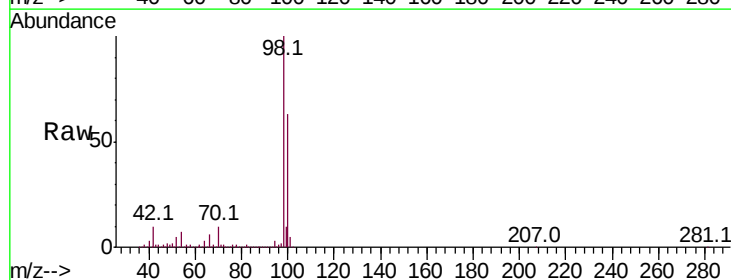
Instrument :
MSVOA_N
ClientSampleId :
MR-MH-02-COMP

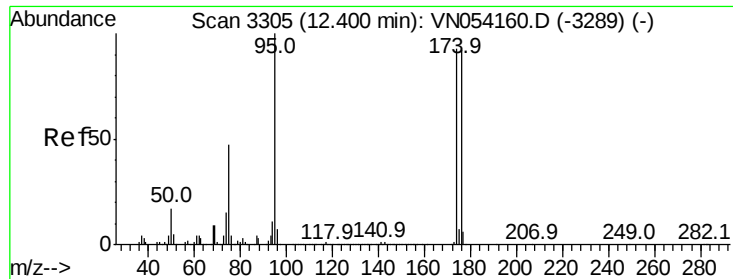
Tot Ion: 43 Resp: 44779
Ion Ratio Lower Upper
43 100
61 22.0 15.8 23.8
87 14.8 12.0 18.0



#50
Toluene-d8
Concen: 51.629 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054246.D
Acq: 14 Mar 2019 7:02

Tgt Ion: 98 Resp: 2905865
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 56.399 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054246.D

Acq: 14 Mar 2019 7:02

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-02-COMP

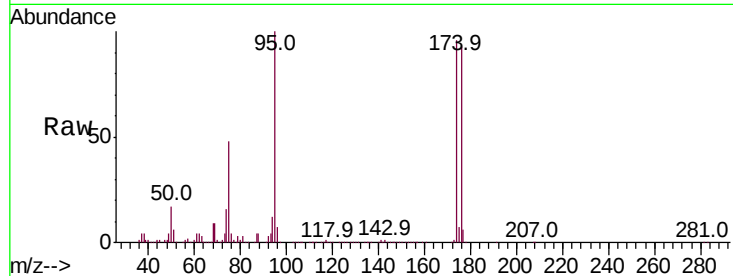
Tot Ion: 95 Resp: 1110721

Ion Ratio Lower Upper

95 100

174 98.3 0.0 191.0

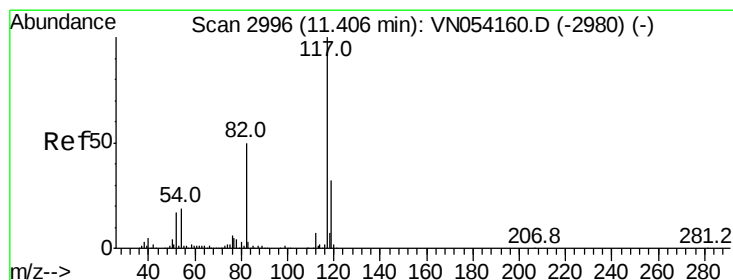
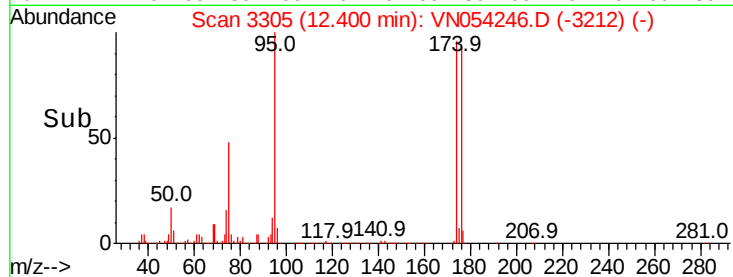
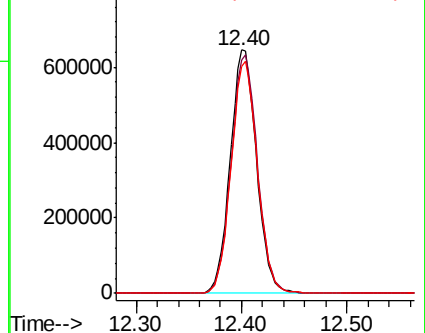
176 95.3 0.0 187.4



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: VN054246.D

Acq: 14 Mar 2019 7:02

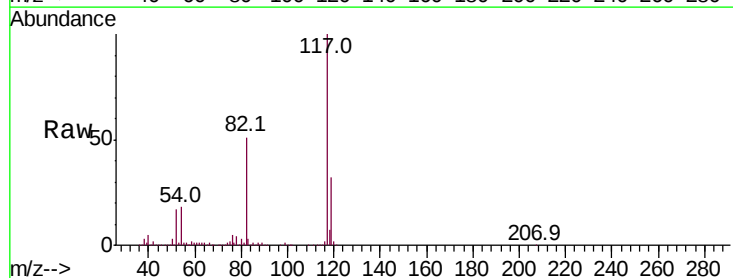
Tgt Ion: 117 Resp: 2473464

Ion Ratio Lower Upper

117 100

82 50.6 40.0 60.0

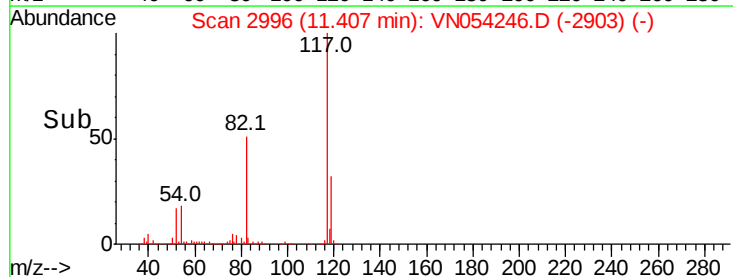
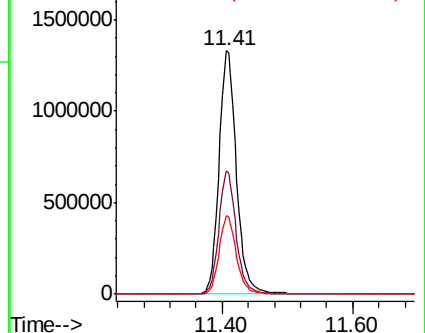
119 32.2 25.8 38.6

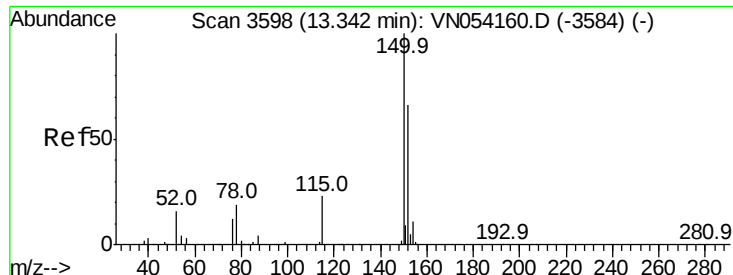


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054246.D

Acq: 14 Mar 2019 7:02

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-02-COMP

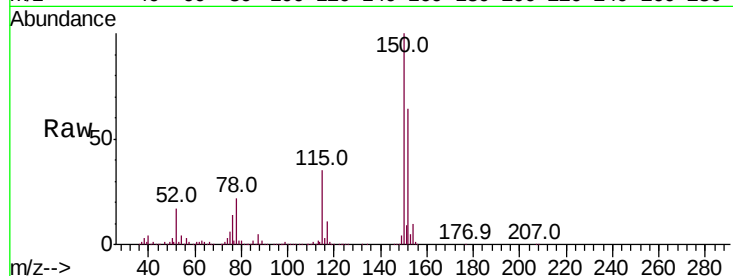
Tot Ion:152 Resp: 1068160

Ion Ratio Lower Upper

152 100

115 54.8 27.2 81.6

150 156.7 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

