

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054243.D
 Acq On : 14 Mar 2019 5:43
 Operator : JC/SP
 Sample : K1866-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-14-COMP

Quant Time: Mar 14 09:02:07 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

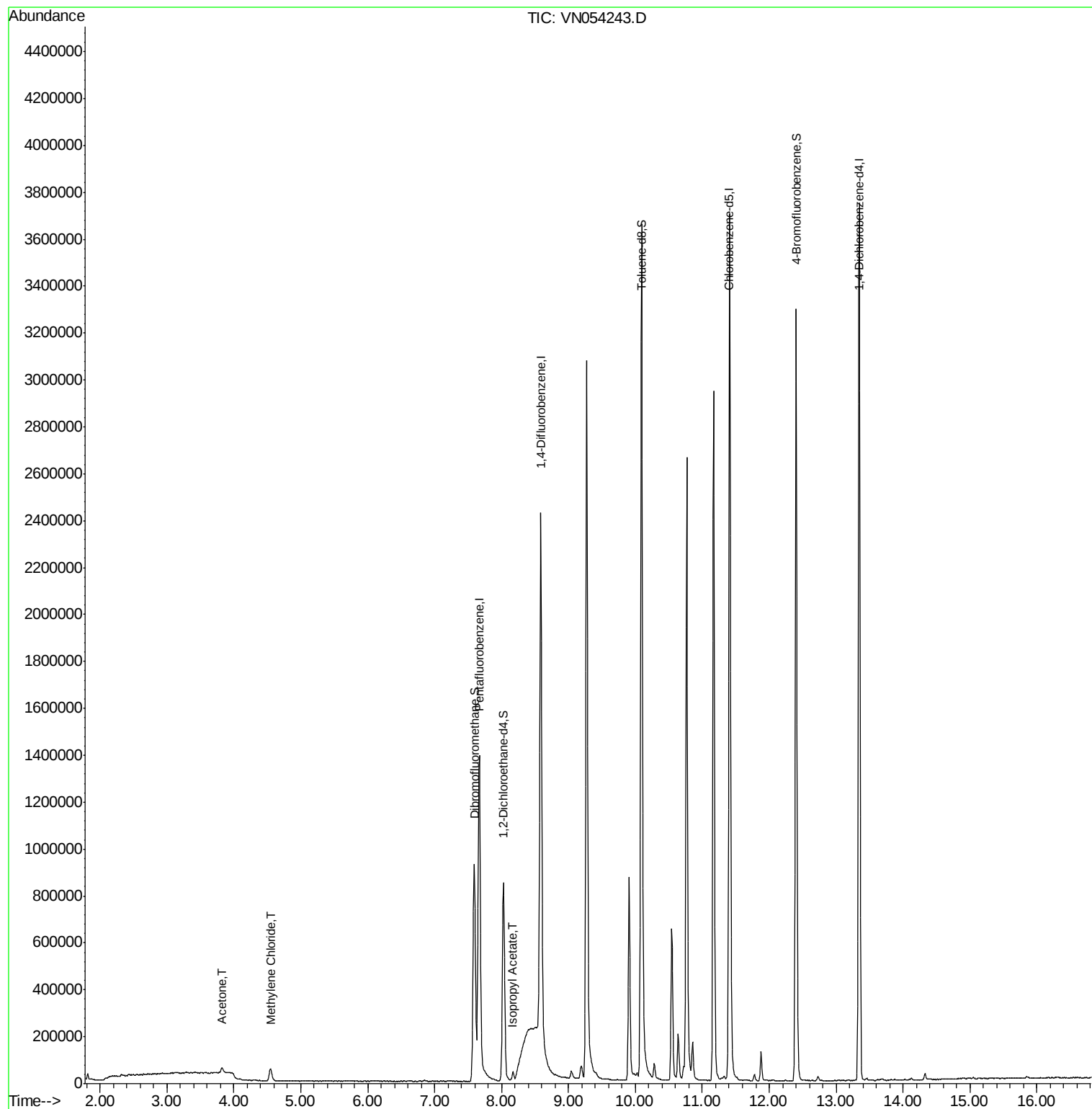
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1388197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2309682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2452656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1131624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	752320	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
35) Dibromofluoromethane	7.59	113	708457	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	10.09	98	2889591	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.40	95	1124573	58.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.84%	
Target Compounds						
16) Acetone	3.83	43	34962	8.283	ug/l	95
20) Methylene Chloride	4.55	84	38226	2.758	ug/l	96
43) Isopropyl Acetate	8.17	43	42382	1.976	ug/l	96

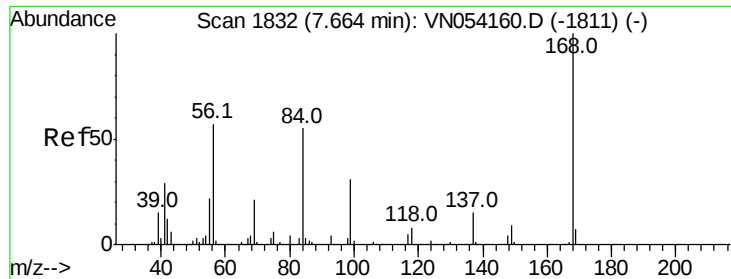
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
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Quant Title : SW846 8260
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: VN054243.D

Acq: 14 Mar 2019 5:43

Instrument :

MSVOA_N

ClientSampleId :

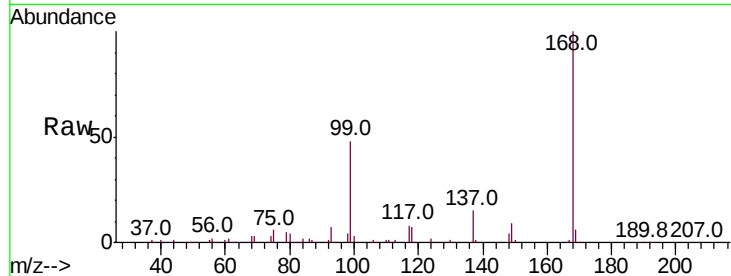
MR-MH-14-COMP

Tot Ion:168 Resp: 1388197

Ion Ratio Lower Upper

168 100

99 47.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

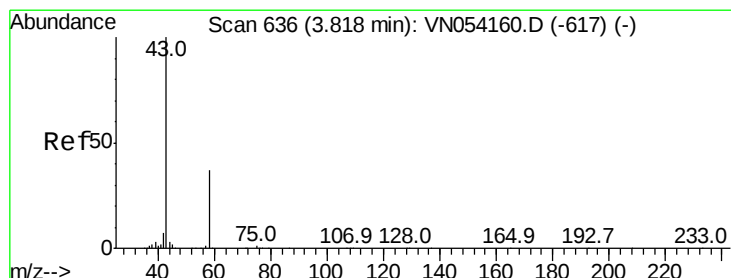
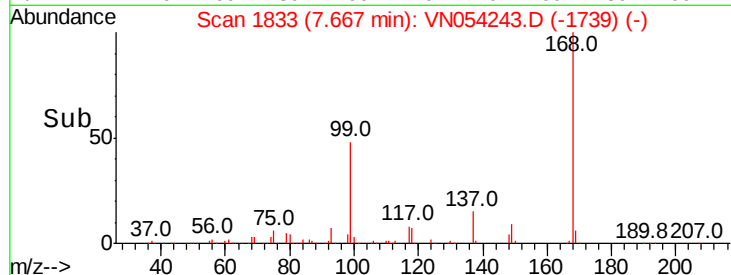
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.283 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054243.D

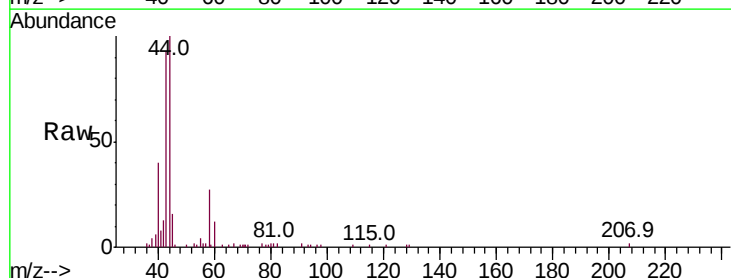
Acq: 14 Mar 2019 5:43

Tgt Ion: 43 Resp: 34962

Ion Ratio Lower Upper

43 100

58 34.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

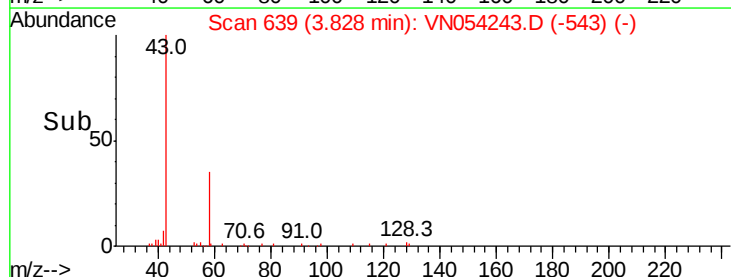
15000

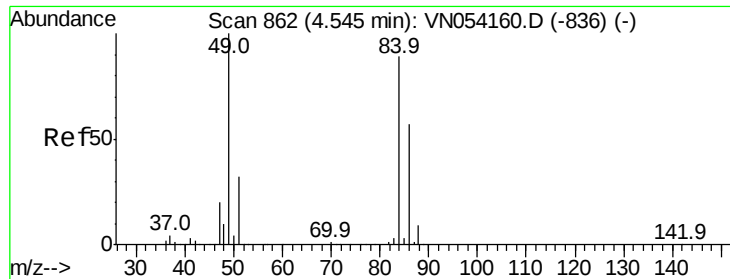
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5000

0

Time-->

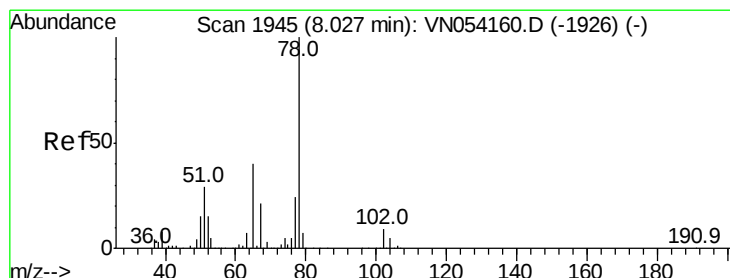
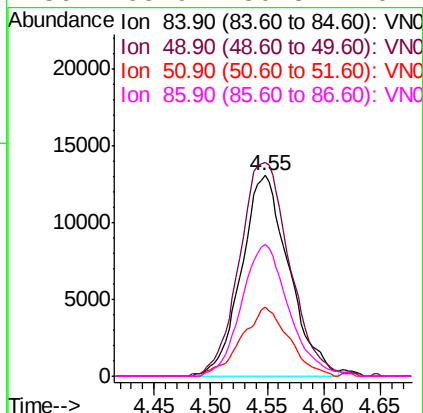
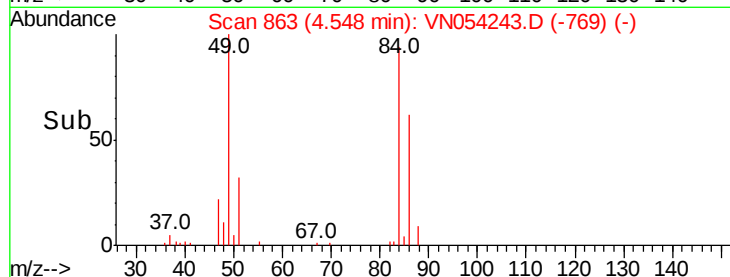
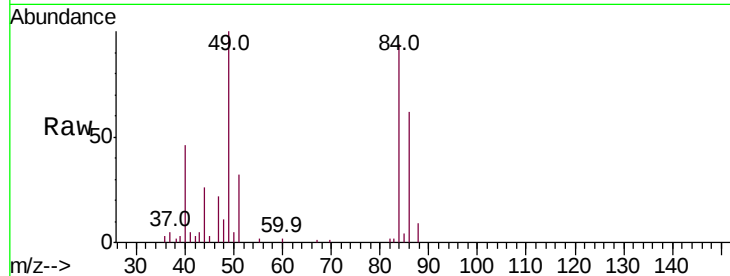




#20
Methvlene Chloride
Concen: 2.758 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054243.D
Acq: 14 Mar 2019 5:43

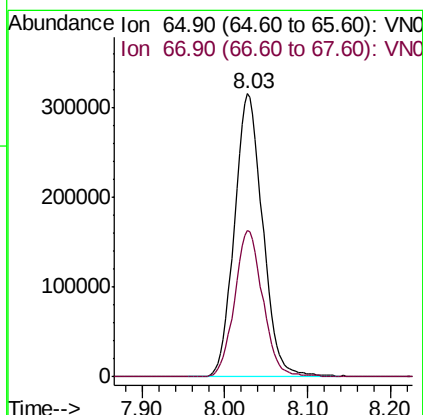
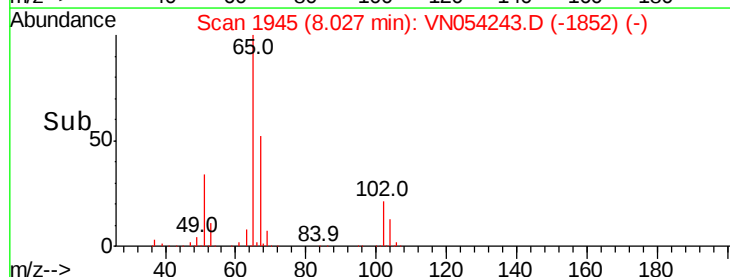
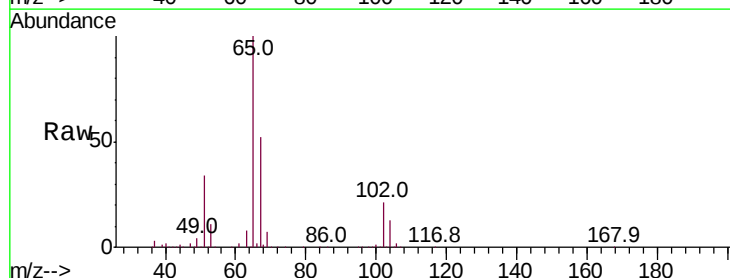
Instrument :
MSVOA_N
ClientSampleId :
MR-MH-14-COMP

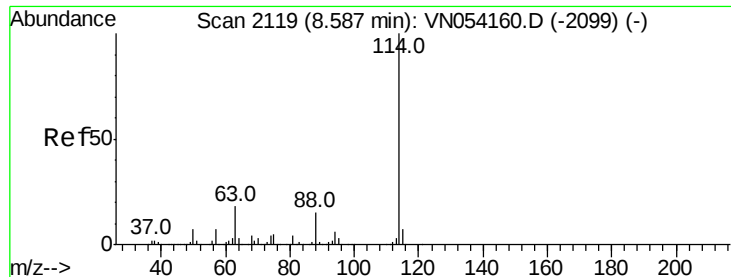
Tot Ion: 84 Resp: 38226
Ion Ratio Lower Upper
84 100
49 106.5 89.7 134.5
51 34.2 28.2 42.4
86 65.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.030 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054243.D
Acq: 14 Mar 2019 5:43

Tgt Ion: 65 Resp: 752320
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6



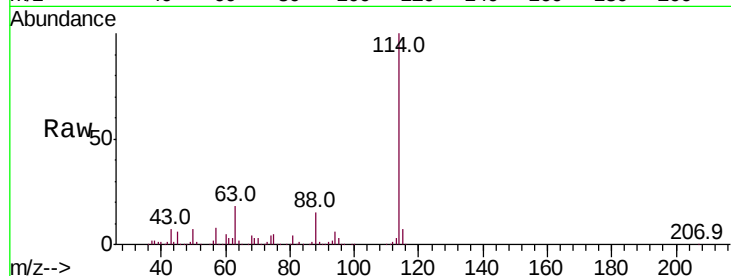


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054243.D
 Acq: 14 Mar 2019 5:43

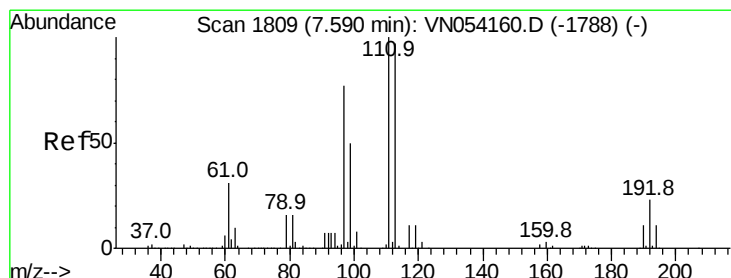
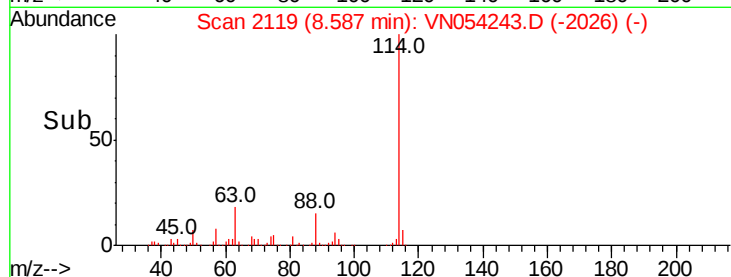
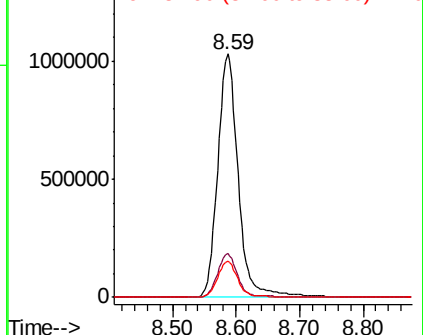
Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-14-COMP

Tot Ion:114 Resp: 2309682

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.2
88	14.9	0.0	30.2



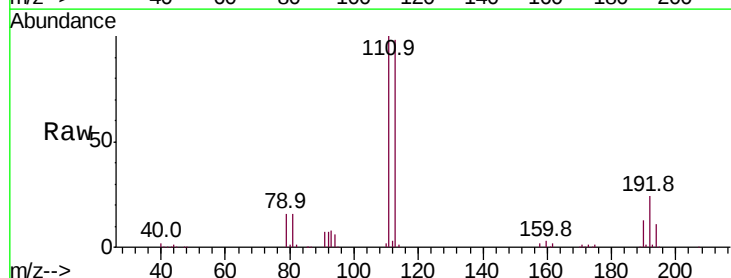
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO



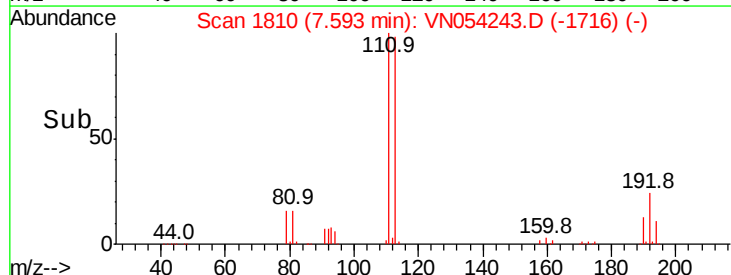
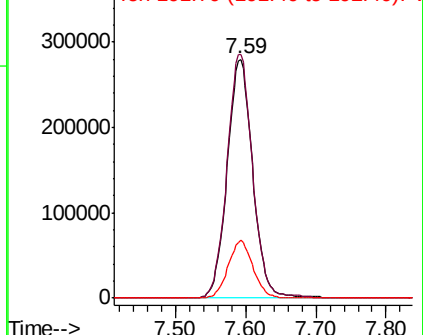
#35
 Dibromofluoromethane
 Concen: 47.559 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054243.D
 Acq: 14 Mar 2019 5:43

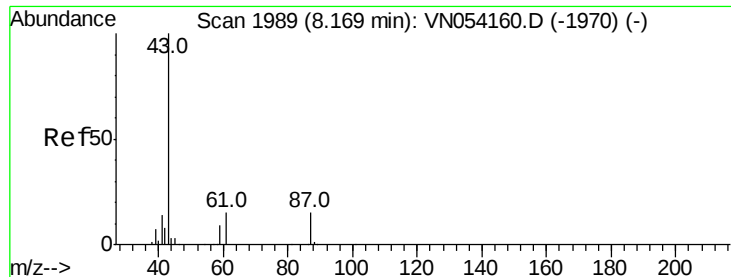
Tgt Ion:113 Resp: 708457

Ion	Ratio	Lower	Upper
113	100		
111	102.1	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

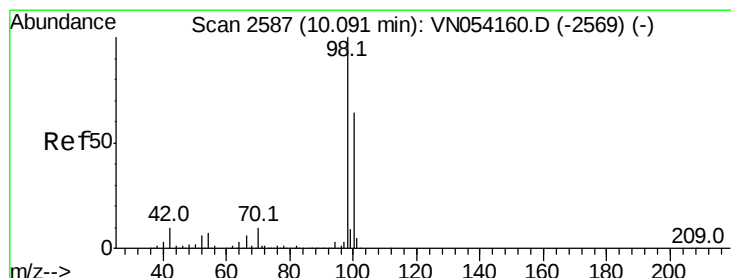
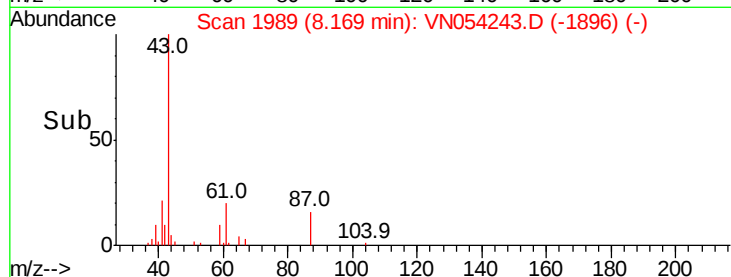
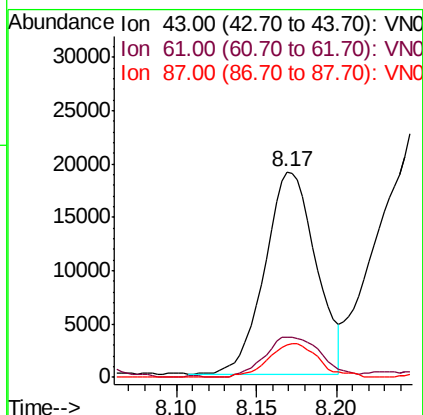
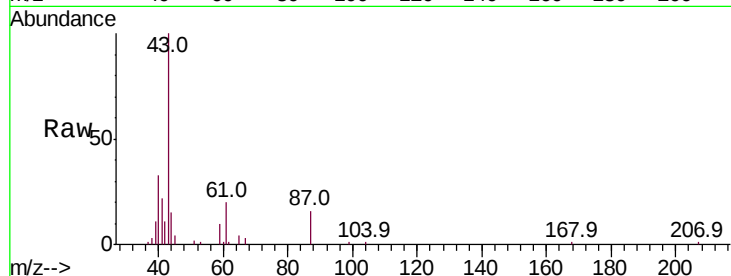




#43
Isopropyl Acetate
Concen: 1.976 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN054243.D
Acq: 14 Mar 2019 5:43

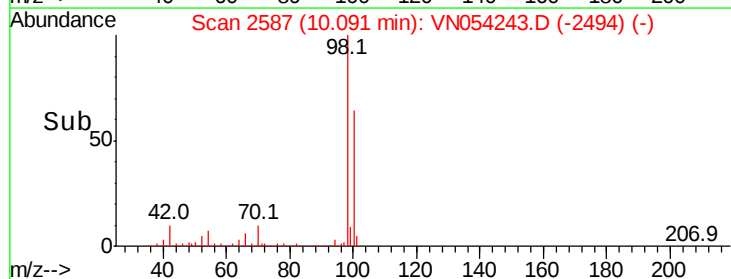
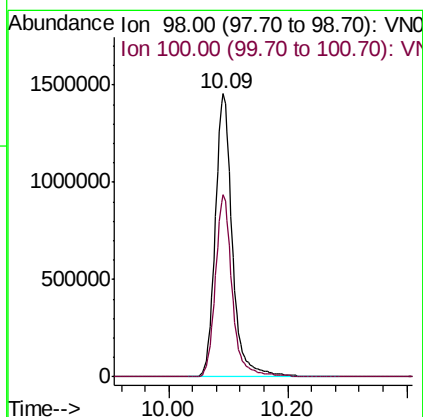
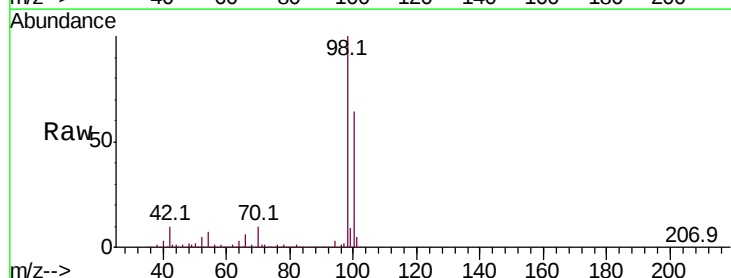
Instrument :
MSVOA_N
ClientSampleId :
MR-MH-14-COMP

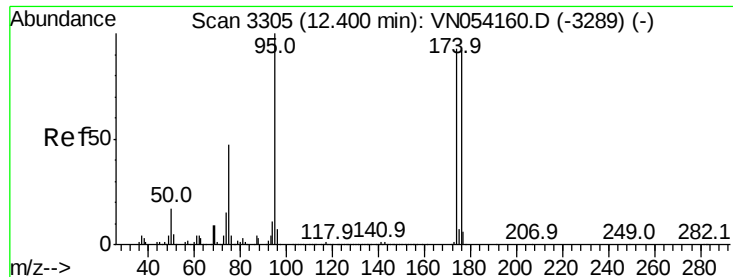
Tot Ion: 43 Resp: 42382
Ion Ratio Lower Upper
43 100
61 22.0 15.8 23.8
87 16.4 12.0 18.0



#50
Toluene-d8
Concen: 52.524 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054243.D
Acq: 14 Mar 2019 5:43

Tgt Ion: 98 Resp: 2889591
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 58.420 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054243.D

Acq: 14 Mar 2019 5:43

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-14-COMP

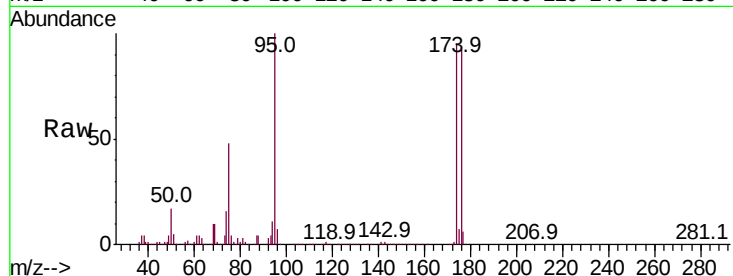
Tot Ion: 95 Resp: 1124573

Ion Ratio Lower Upper

95 100

174 97.8 0.0 191.0

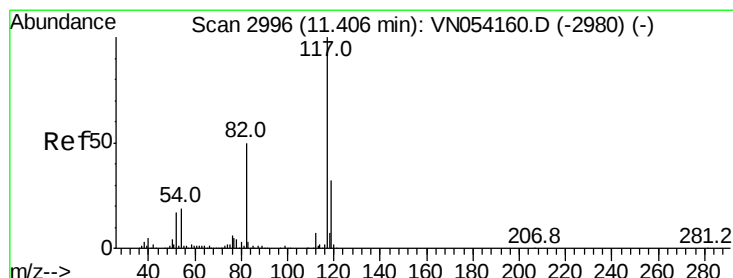
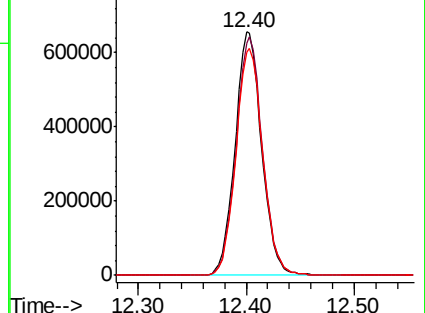
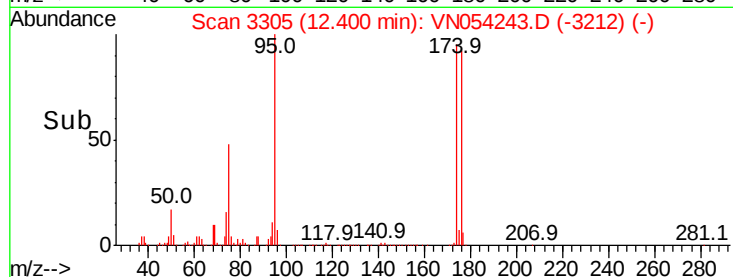
176 94.5 0.0 187.4



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: VN054243.D

Acq: 14 Mar 2019 5:43

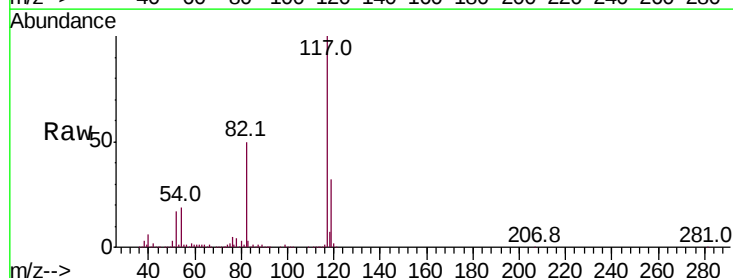
Tgt Ion: 117 Resp: 2452656

Ion Ratio Lower Upper

117 100

82 50.4 40.0 60.0

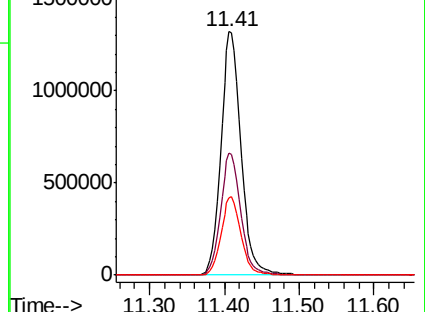
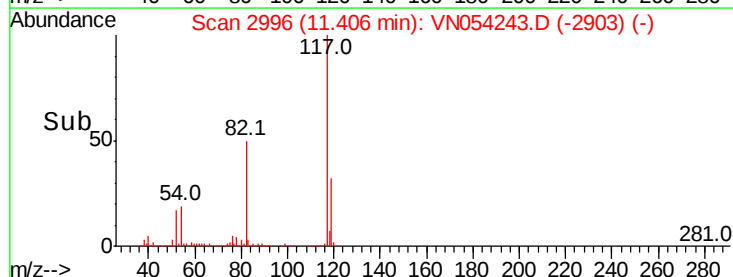
119 31.9 25.8 38.6

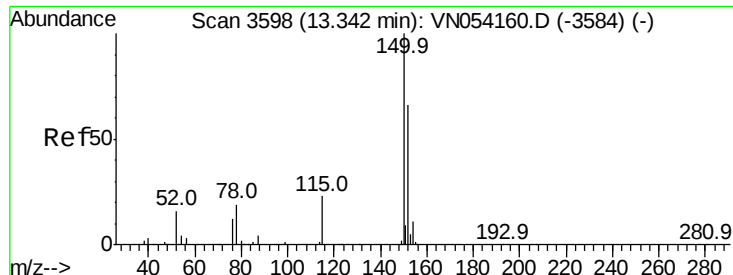


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN054243.D

Acq: 14 Mar 2019 5:43

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-14-COMP

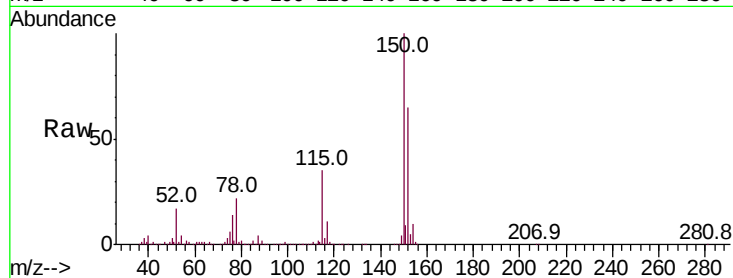
Tot Ion:152 Resp: 1131624

Ion Ratio Lower Upper

152 100

115 54.8 27.2 81.6

150 154.7 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

