

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054197.D
 Acq On : 13 Mar 2019 6:59
 Operator : JC/SP
 Sample : K1837-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-10-COMP

Quant Time: Mar 13 09:04:50 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

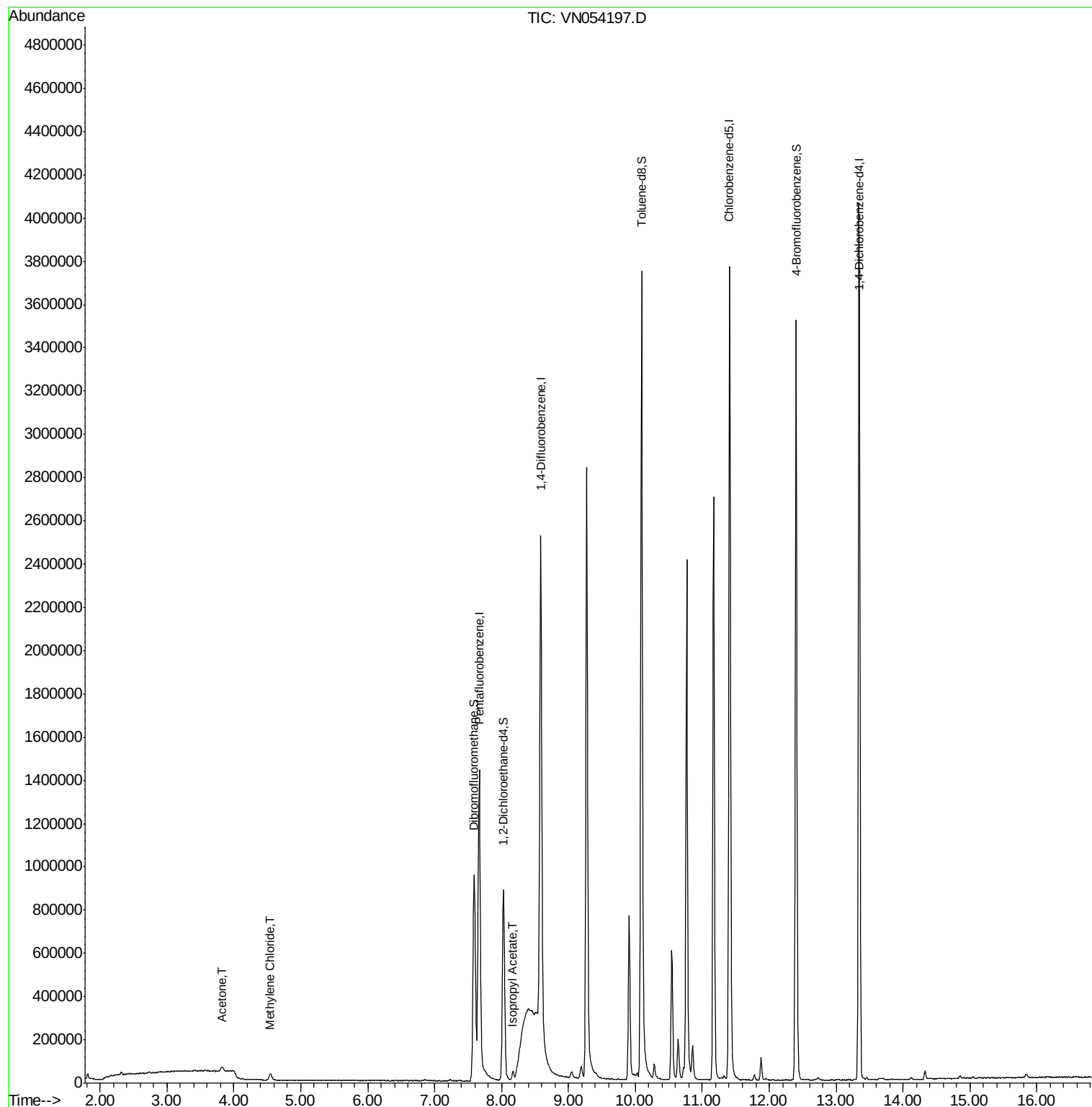
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1366248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2369244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2561746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1195027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	785001	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
35) Dibromofluoromethane	7.59	113	731723	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	10.09	98	2972068	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.40	95	1205340	61.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.08%	
Target Compounds						
16) Acetone	3.82	43	31553	7.595	ug/l	94
20) Methylene Chloride	4.55	84	22612	1.658	ug/l	87
43) Isopropyl Acetate	8.17	43	48311	2.195	ug/l	94

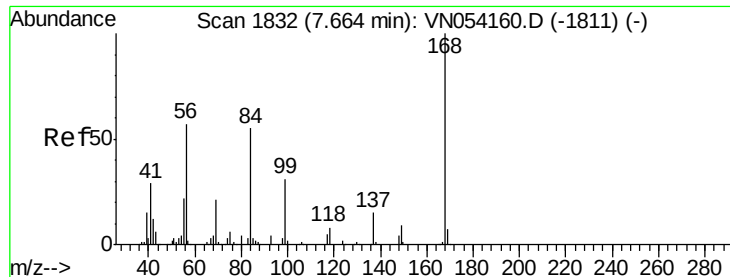
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054197.D

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ClientSampleId :

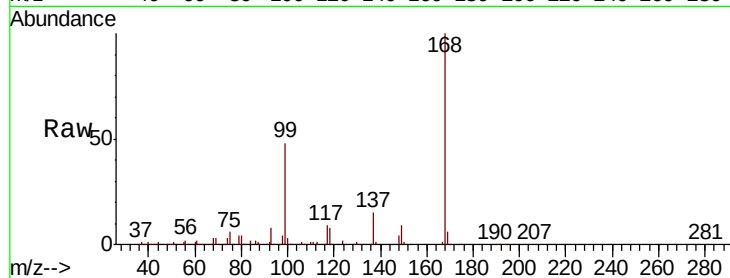
MR-MH-10-COMP

Tgt Ion:168 Resp: 1366248

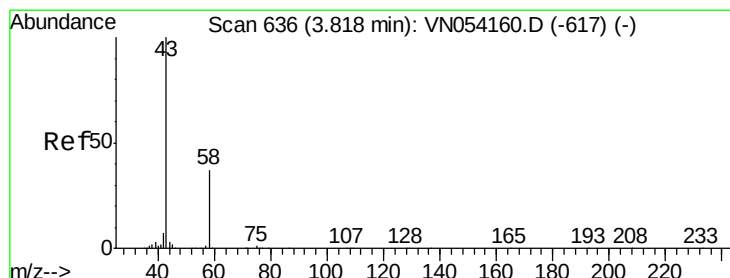
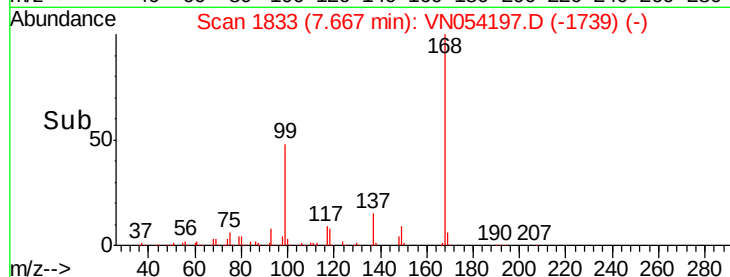
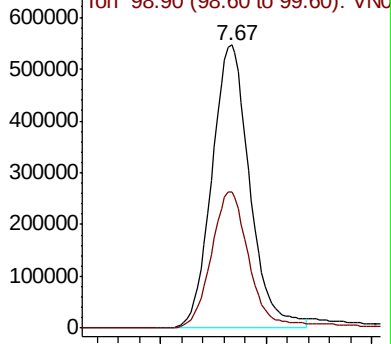
Ion Ratio Lower Upper

168 100

99 48.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054197.D (-1739) (-)



#16

Acetone

Concen: 7.595 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054197.D

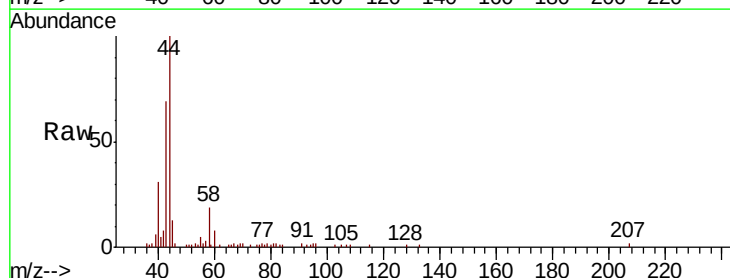
Acq: 13 Mar 2019 6:59

Tgt Ion: 43 Resp: 31553

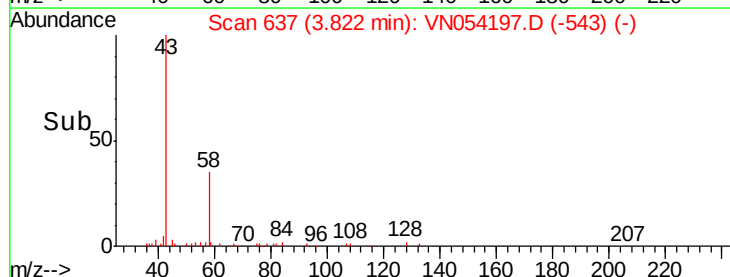
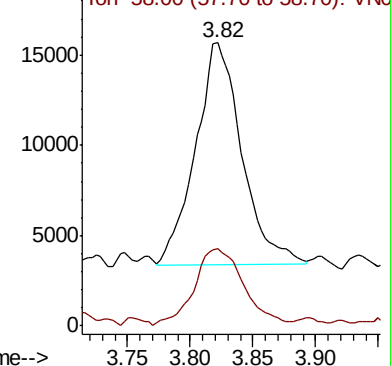
Ion Ratio Lower Upper

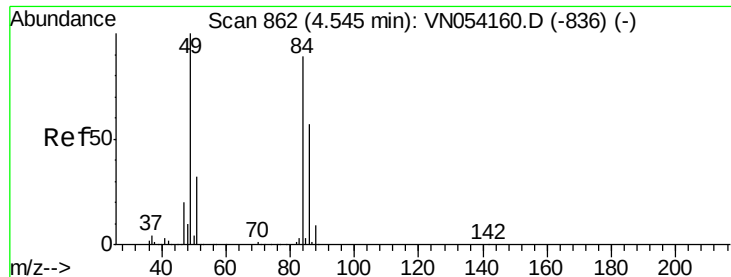
43 100

58 33.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054197.D (-543) (-)

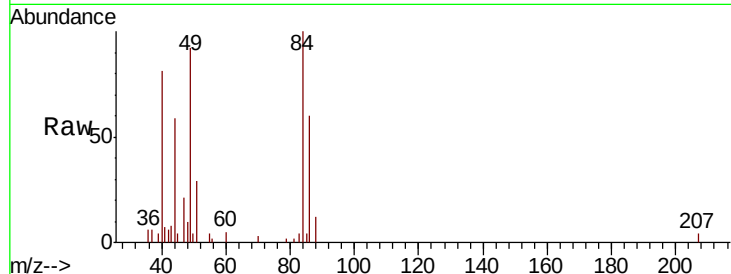




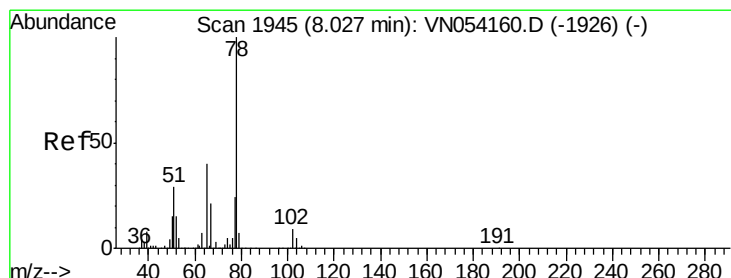
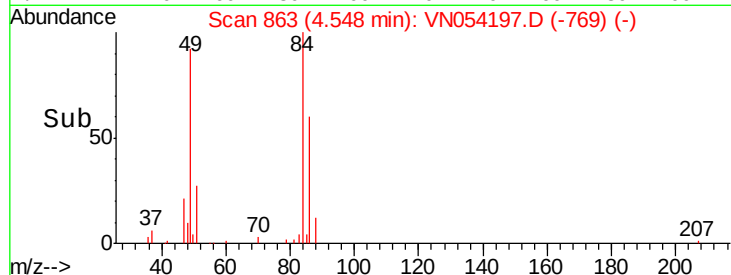
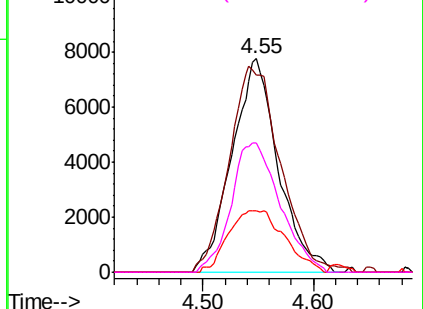
#20
Methylene Chloride
Concen: 1.658 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054197.D
Acq: 13 Mar 2019 6:59

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-10-COMP

Tgt Ion:	84	Resp:	22612
Ion	Ratio	Lower	Upper
84	100		
49	92.4	89.7	134.5
51	28.7	28.2	42.4
86	60.4	50.8	76.2

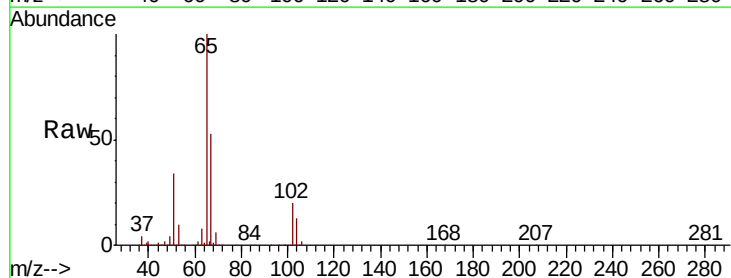


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

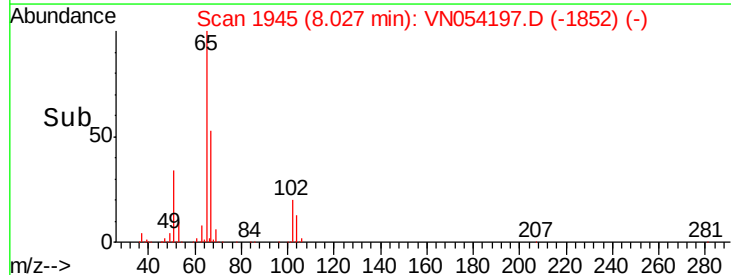
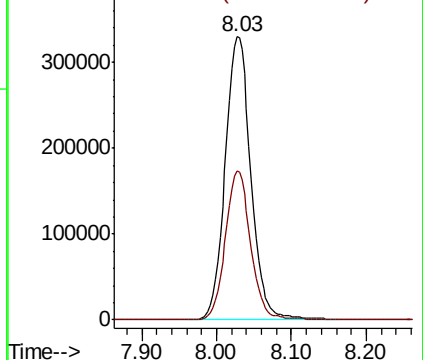


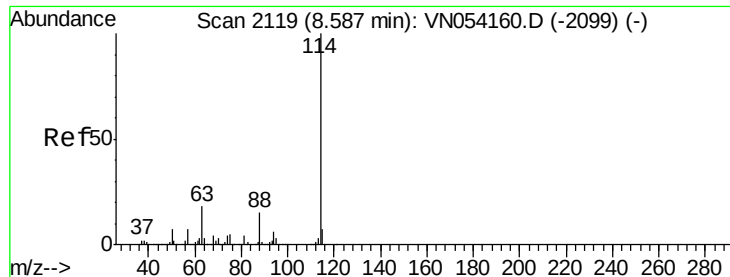
#33
1,2-Dichloroethane-d4
Concen: 54.102 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054197.D
Acq: 13 Mar 2019 6:59

Tgt Ion:	65	Resp:	785001
Ion	Ratio	Lower	Upper
65	100		
67	51.8	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: VN054197.D

Acq: 13 Mar 2019 6:59

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-10-COMP

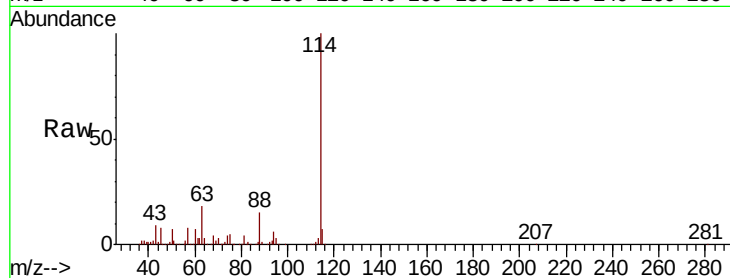
Tgt Ion:114 Resp: 2369244

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.2

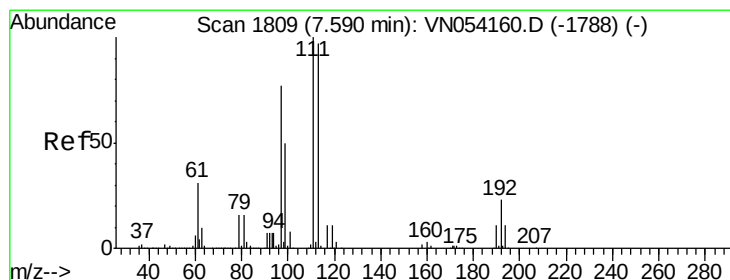
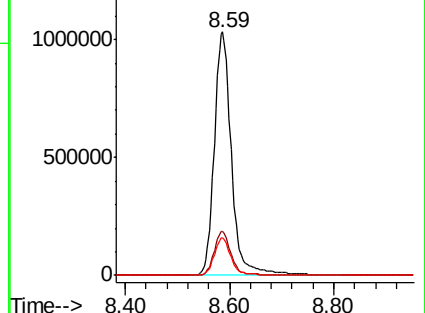
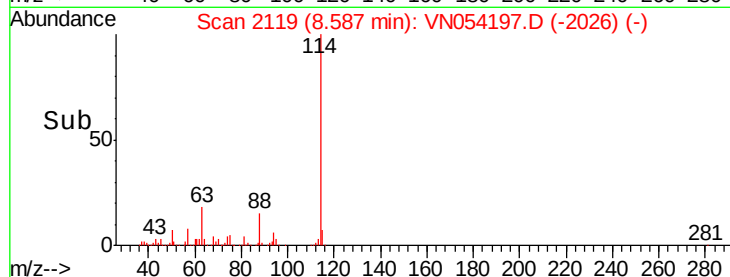
88 15.4 0.0 30.2



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: 47.886 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054197.D

Acq: 13 Mar 2019 6:59

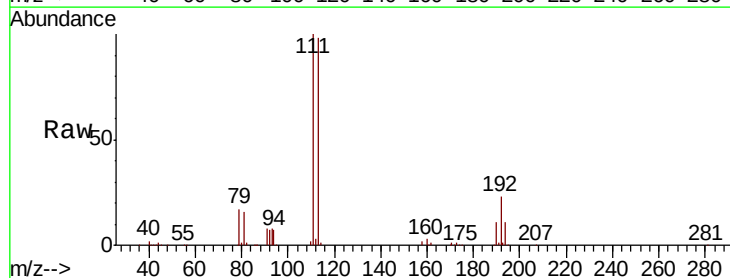
Tgt Ion:113 Resp: 731723

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

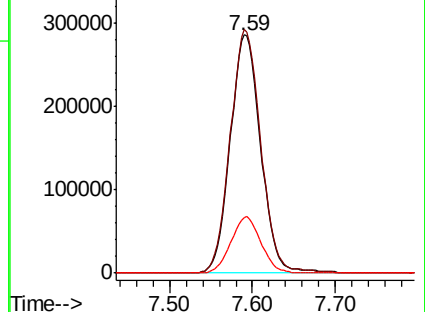
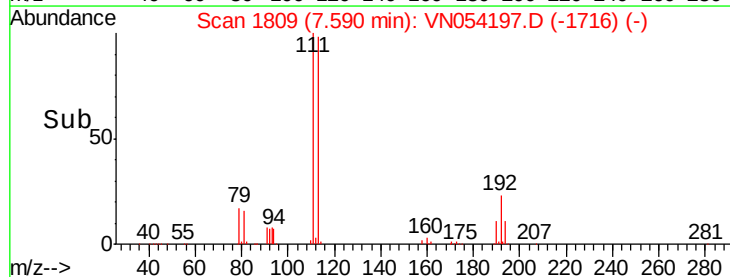
192 23.4 19.2 28.8

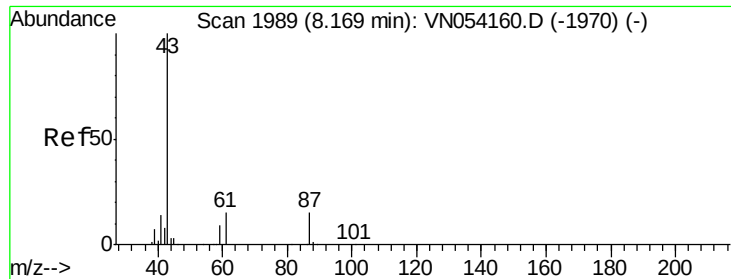


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

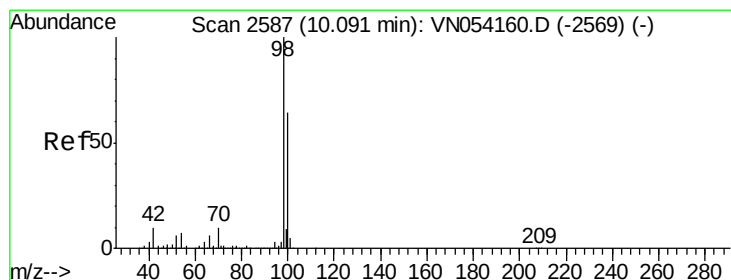
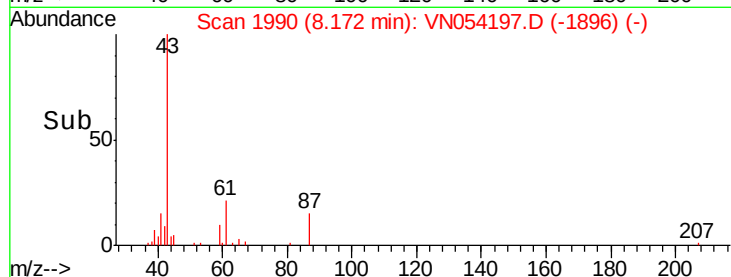
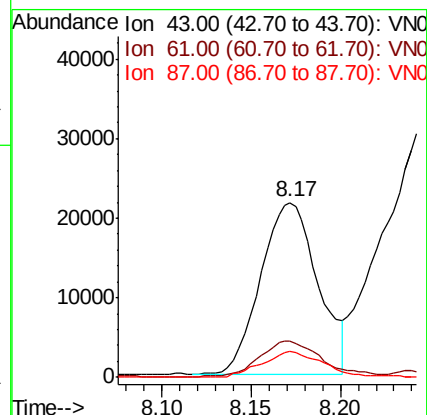
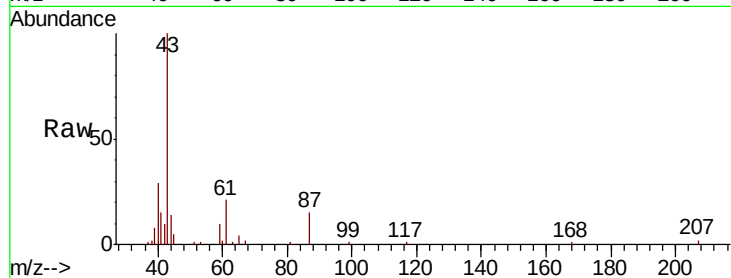




#43
Isopropyl Acetate
Concen: 2.195 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054197.D
Acq: 13 Mar 2019 6:59

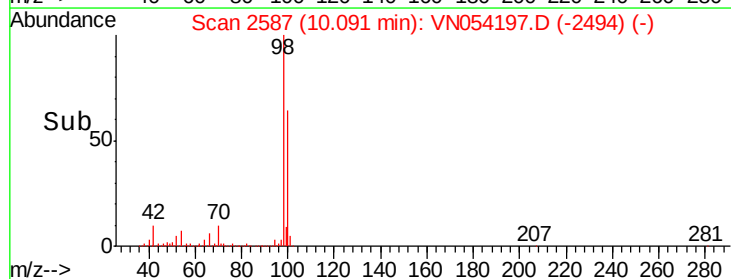
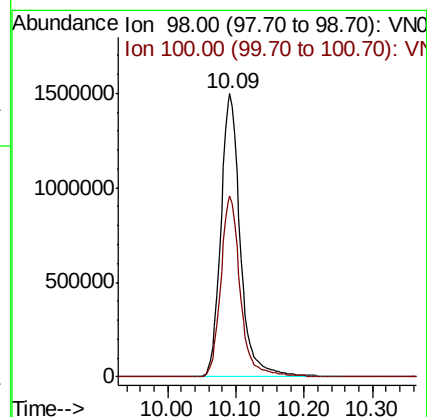
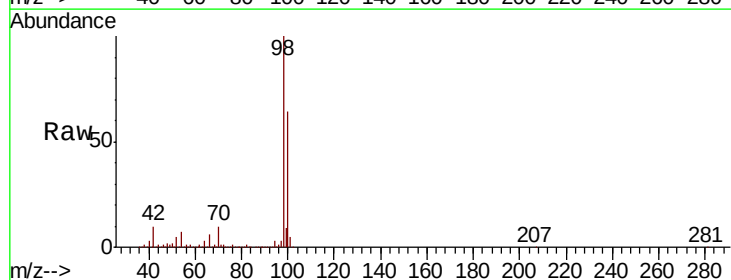
Instrument :
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ClientSampleId :
MR-MH-10-COMP

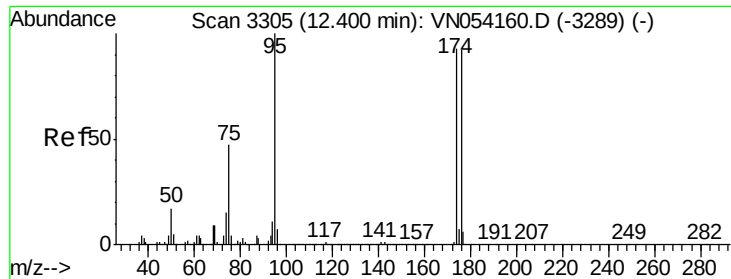
Tgt Ion: 43 Resp: 48311
Ion Ratio Lower Upper
43 100
61 23.5 15.8 23.8
87 16.1 12.0 18.0



#50
Toluene-d8
Concen: 52.665 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054197.D
Acq: 13 Mar 2019 6:59

Tgt Ion: 98 Resp: 2972068
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 61.042 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054197.D

Acq: 13 Mar 2019 6:59

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-10-COMP

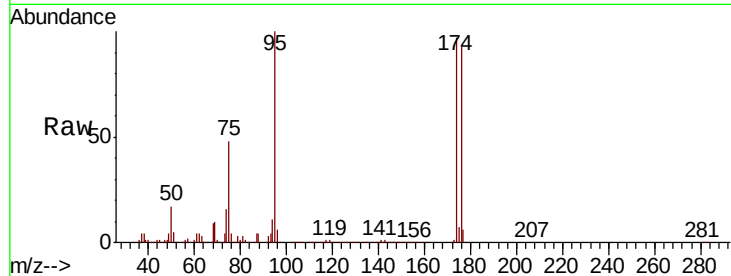
Tgt Ion: 95 Resp: 1205340

Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

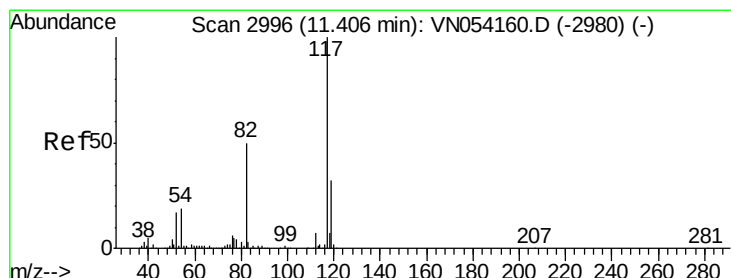
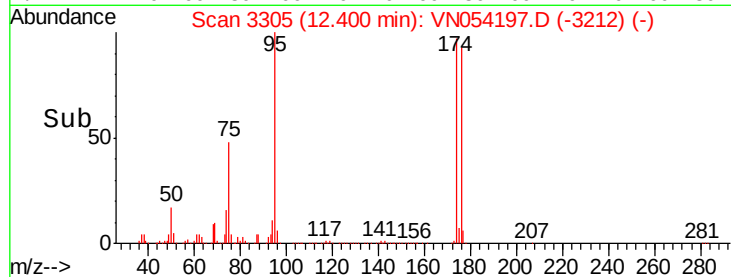
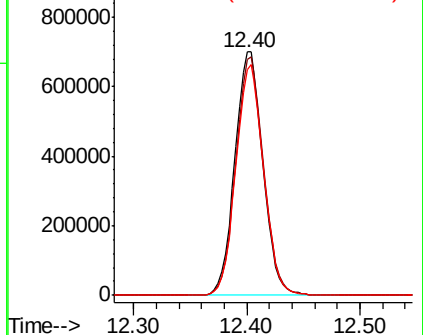
176 93.8 0.0 187.4



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: VN054197.D

Acq: 13 Mar 2019 6:59

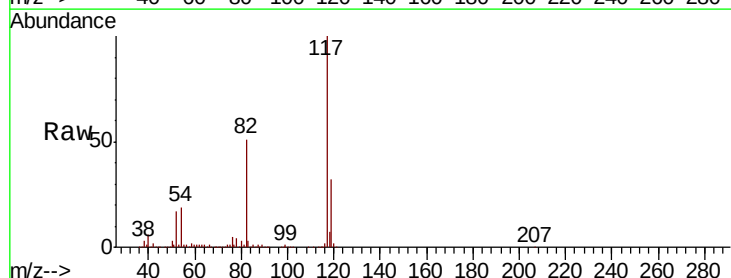
Tgt Ion: 117 Resp: 2561746

Ion Ratio Lower Upper

117 100

82 51.2 40.0 60.0

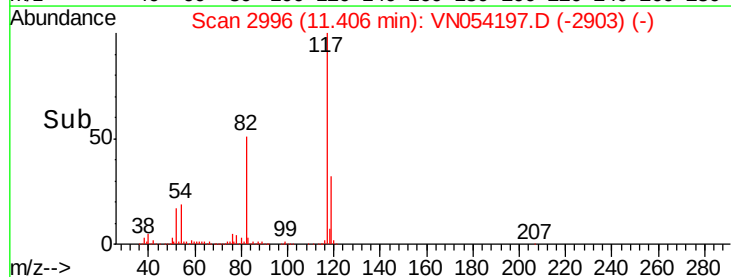
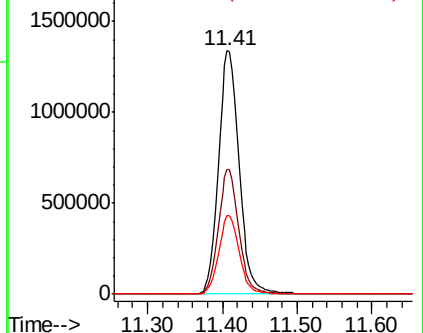
119 32.3 25.8 38.6

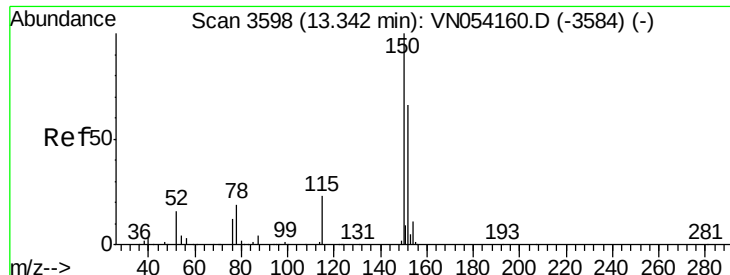


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN054197.D

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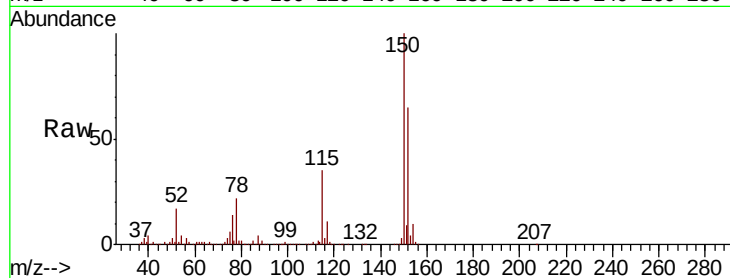
Tgt Ion:152 Resp: 1195027

Ion Ratio Lower Upper

152 100

115 54.5 27.2 81.6

150 155.1 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

