

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054241.D
 Acq On : 14 Mar 2019 4:50
 Operator : JC/SP
 Sample : K1866-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-12-COMP

Quant Time: Mar 14 08:54:15 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

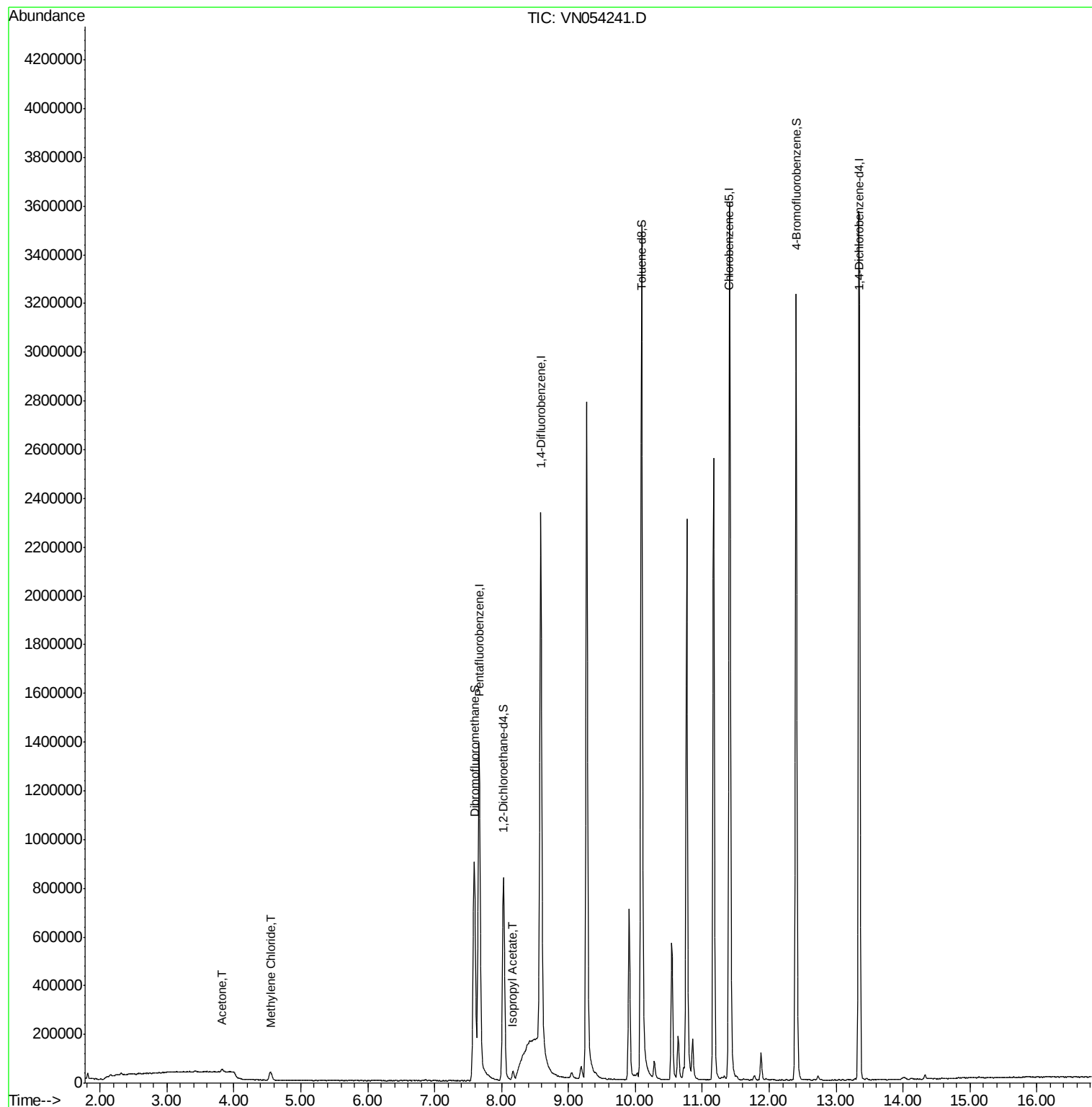
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1279079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2264665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2399585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1070069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	737280	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
35) Dibromofluoromethane	7.59	113	695906	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	2817180	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.40	95	1101212	58.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.68%	
Target Compounds						
16) Acetone	3.82	43	18635	4.791	ug/l	96
20) Methylene Chloride	4.55	84	25822	2.022	ug/l	96
43) Isopropyl Acetate	8.17	43	44557	2.118	ug/l #	88

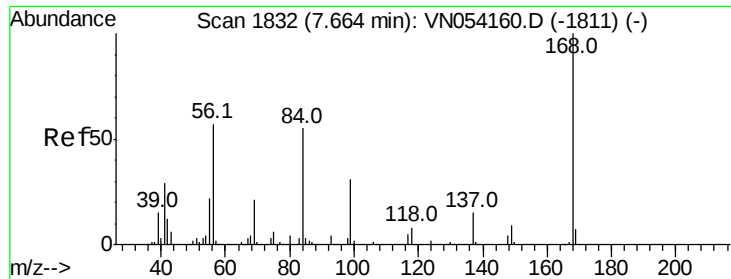
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054241.D

Acq: 14 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

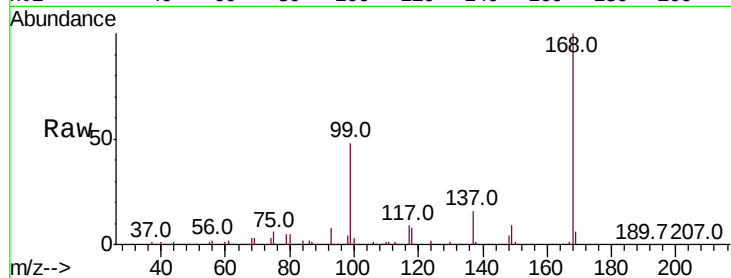
MR-MH-12-COMP

Tot Ion:168 Resp: 1279079

Ion Ratio Lower Upper

168 100

99 47.7 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

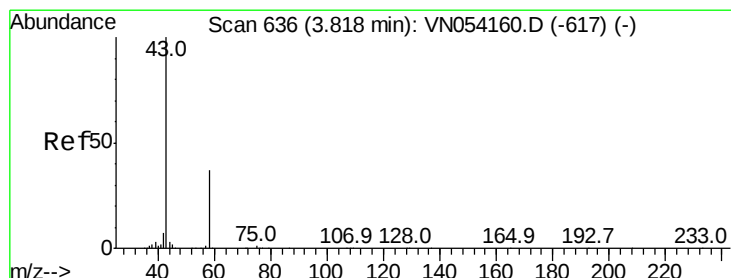
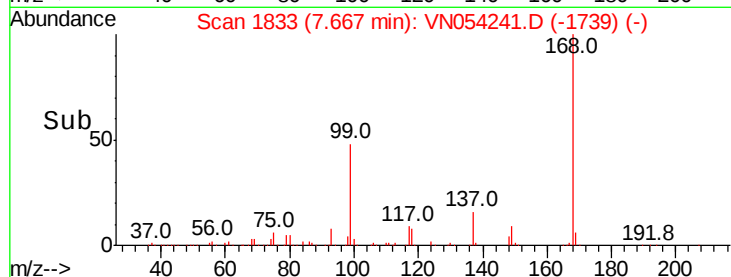
300000

200000

100000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 4.791 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN054241.D

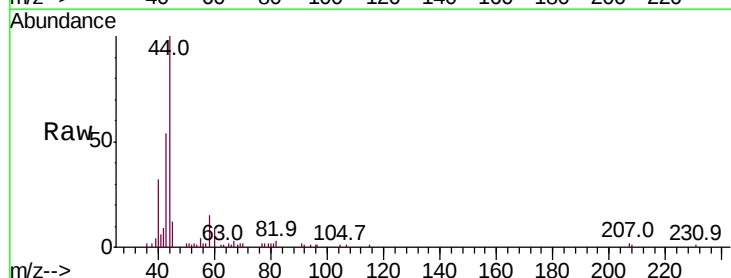
Acq: 14 Mar 2019 4:50

Tgt Ion: 43 Resp: 18635

Ion Ratio Lower Upper

43 100

58 40.0 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

12000

10000

8000

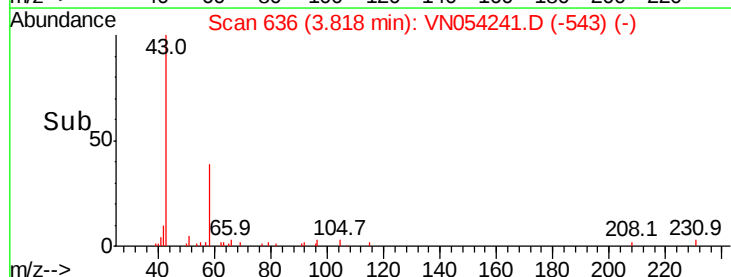
6000

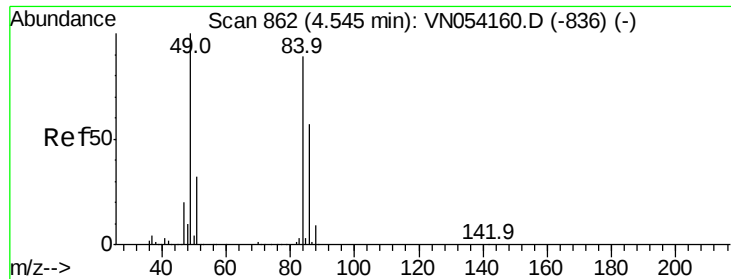
4000

2000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 2.022 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN054241.D

Acq: 14 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-12-COMP

Tot Ion: 84 Resp: 25822

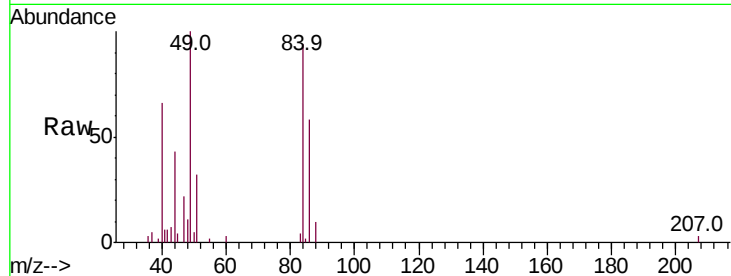
Ion Ratio Lower Upper

84 100

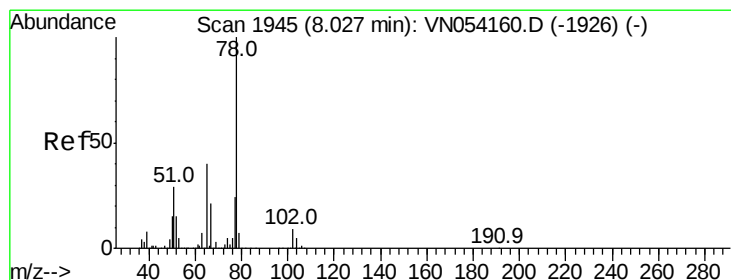
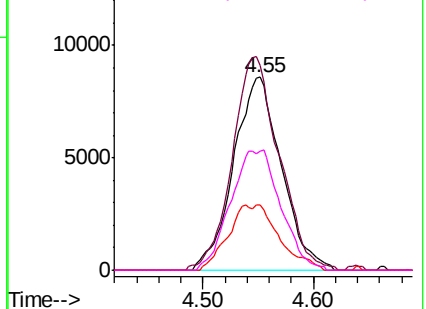
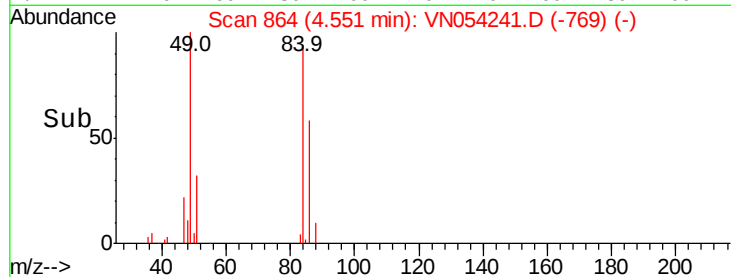
49 106.3 89.7 134.5

51 33.8 28.2 42.4

86 61.9 50.8 76.2



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: 54.276 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054241.D

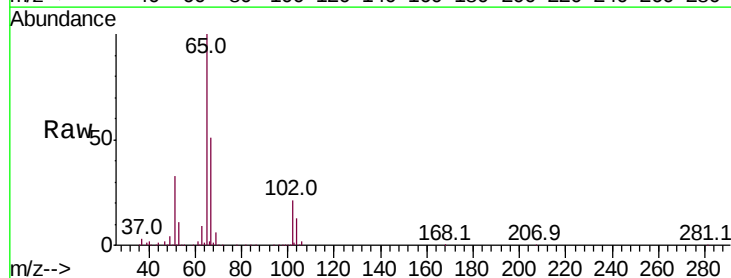
Acq: 14 Mar 2019 4:50

Tgt Ion: 65 Resp: 737280

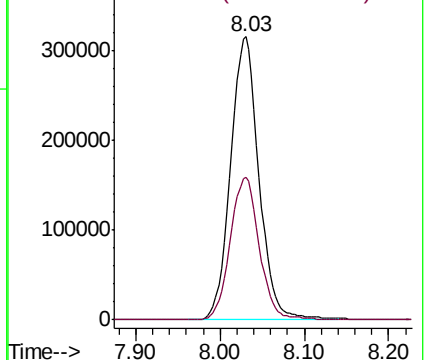
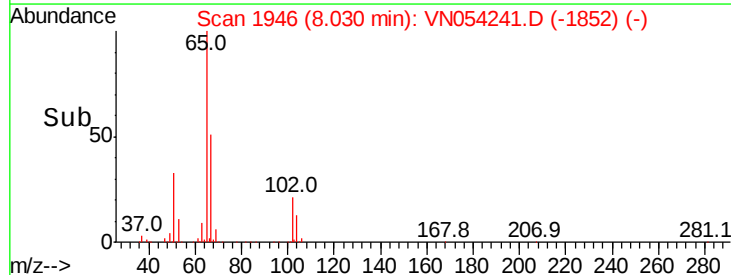
Ion Ratio Lower Upper

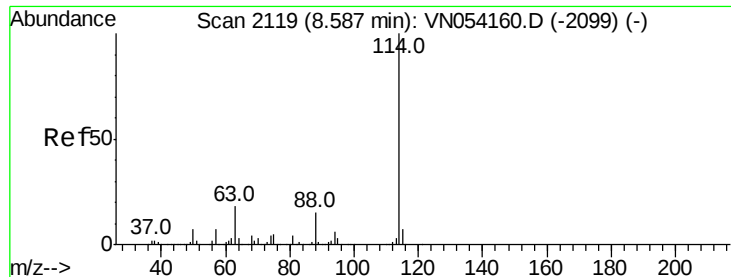
65 100

67 51.8 0.0 104.6



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: VN054241.D

Acq: 14 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-12-COMP

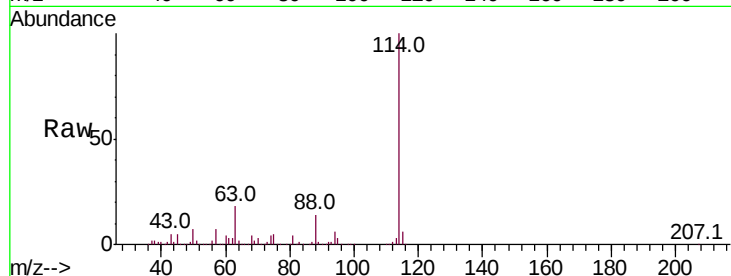
Tot Ion:114 Resp: 2264665

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

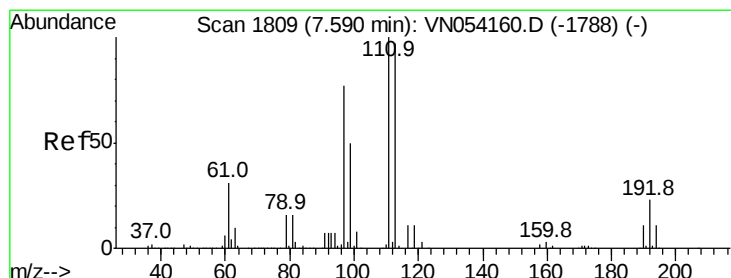
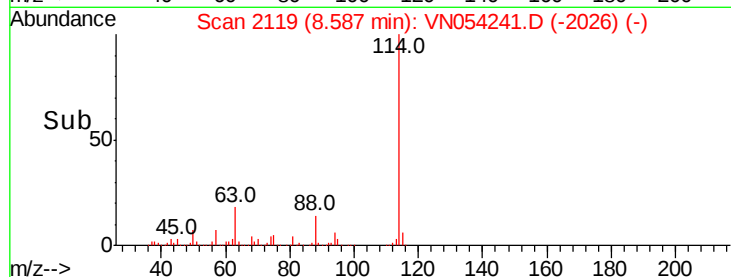
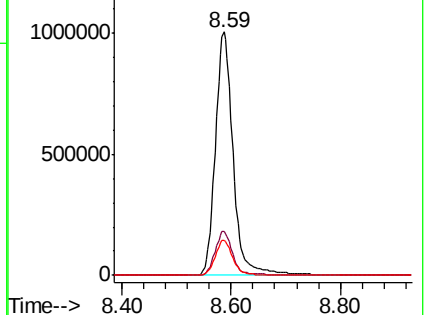
88 14.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.645 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054241.D

Acq: 14 Mar 2019 4:50

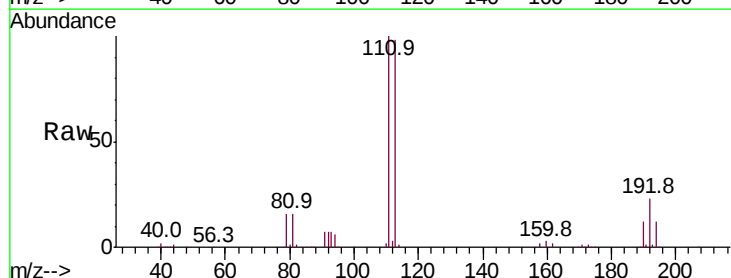
Tgt Ion:113 Resp: 695906

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

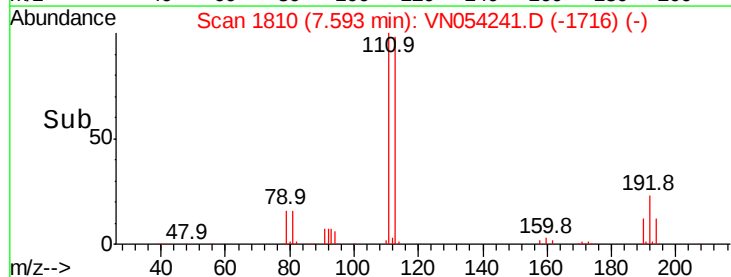
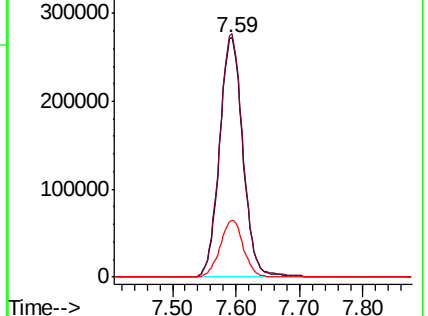
192 23.5 19.2 28.8

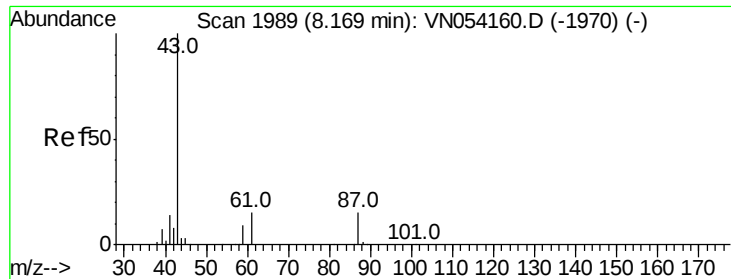


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.118 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054241.D

Acq: 14 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-12-COMP

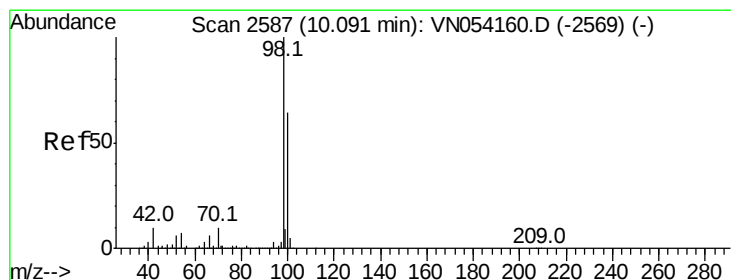
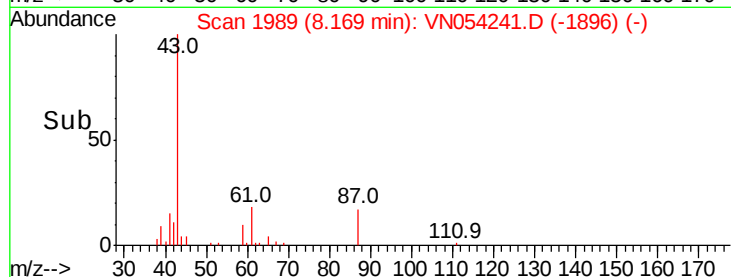
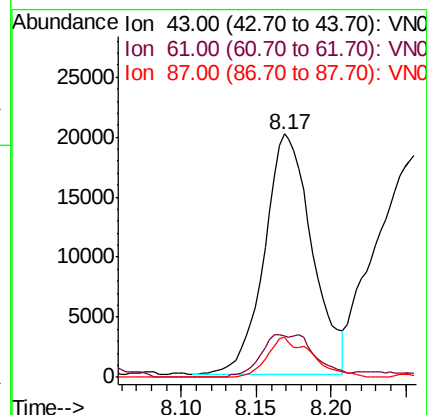
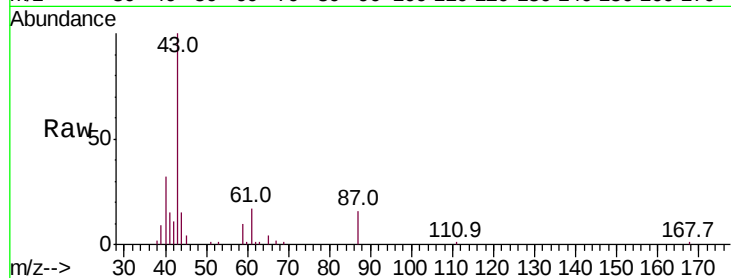
Tot Ion: 43 Resp: 44557

Ion Ratio Lower Upper

43 100

61 10.8 15.8 23.8#

87 15.6 12.0 18.0



#50

Toluene-d8

Concen: 52.225 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054241.D

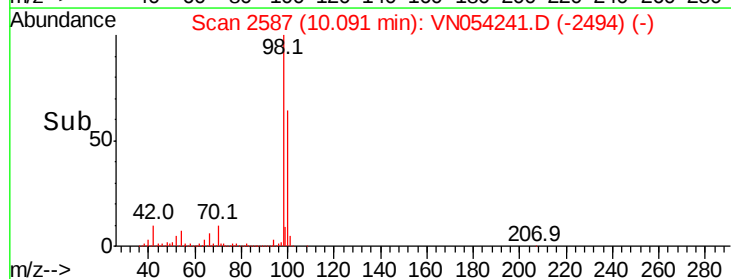
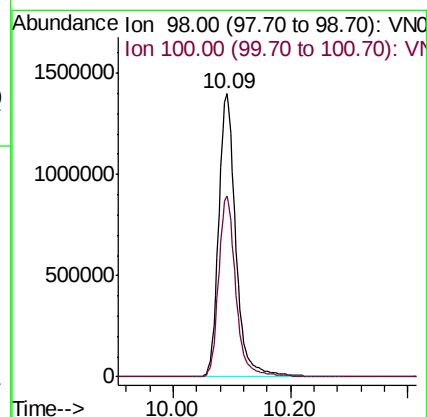
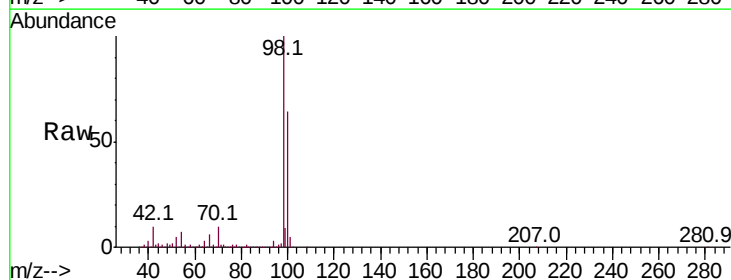
Acq: 14 Mar 2019 4:50

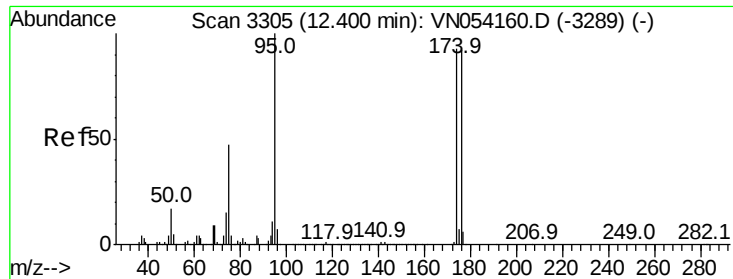
Tgt Ion: 98 Resp: 2817180

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 58.344 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054241.D

Acq: 14 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-12-COMP

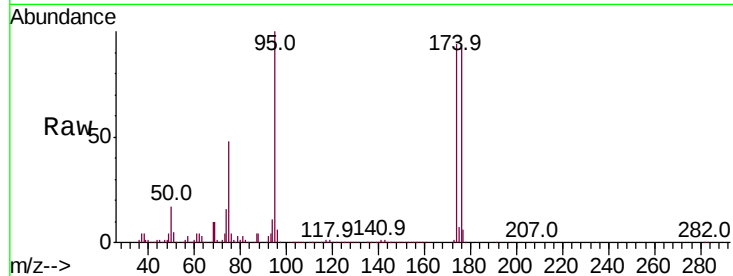
Tot Ion: 95 Resp: 1101212

Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.0

176 94.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

12.40

800000

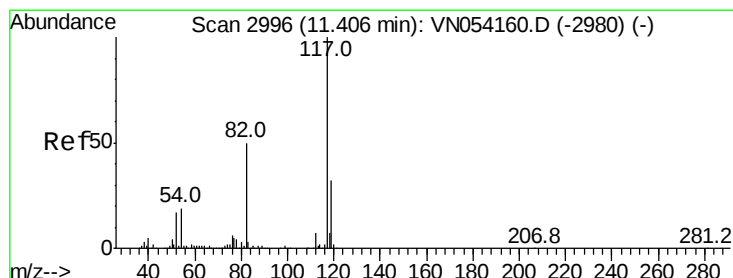
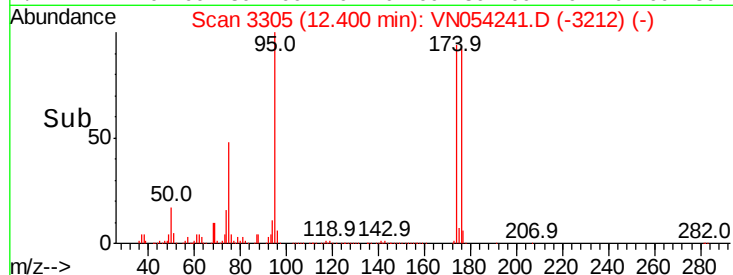
600000

400000

200000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054241.D

Acq: 14 Mar 2019 4:50

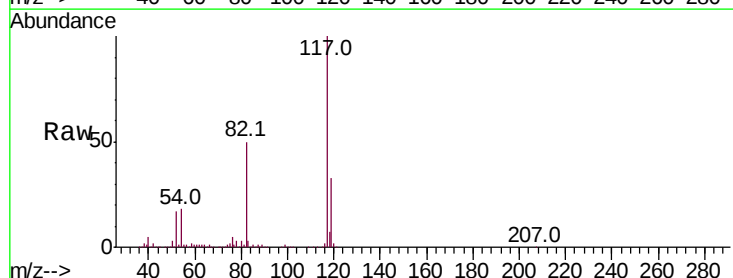
Tgt Ion: 117 Resp: 2399585

Ion Ratio Lower Upper

117 100

82 50.2 40.0 60.0

119 32.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN

11.41

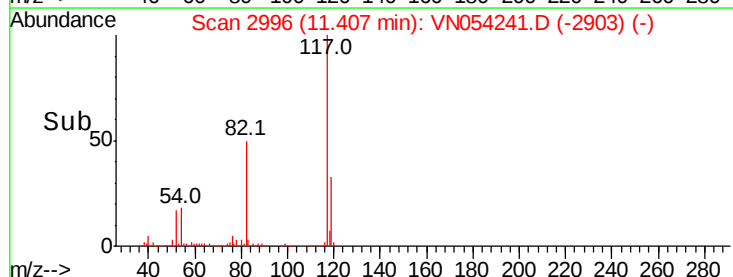
1500000

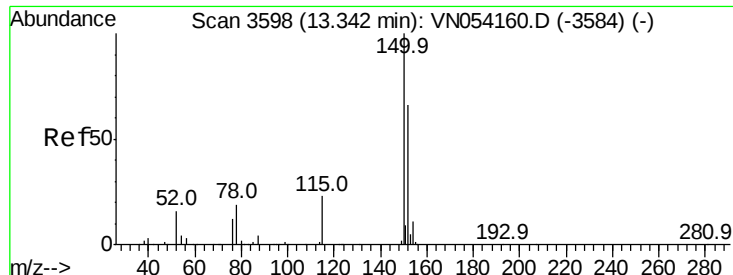
1000000

500000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054241.D

Acq: 14 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-12-COMP

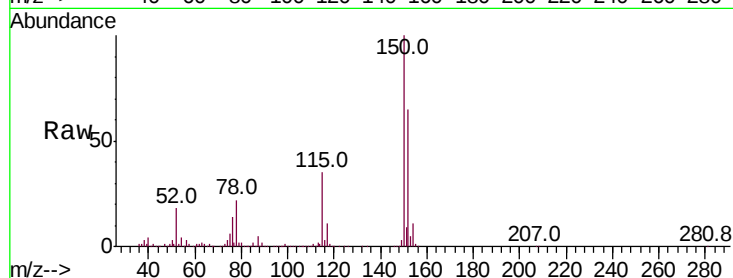
Tot Ion:152 Resp: 1070069

Ion Ratio Lower Upper

152 100

115 54.3 27.2 81.6

150 155.0 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

