

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054271.D
 Acq On : 14 Mar 2019 19:26
 Operator : JC/SP
 Sample : K1898-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Mar 15 08:00:54 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

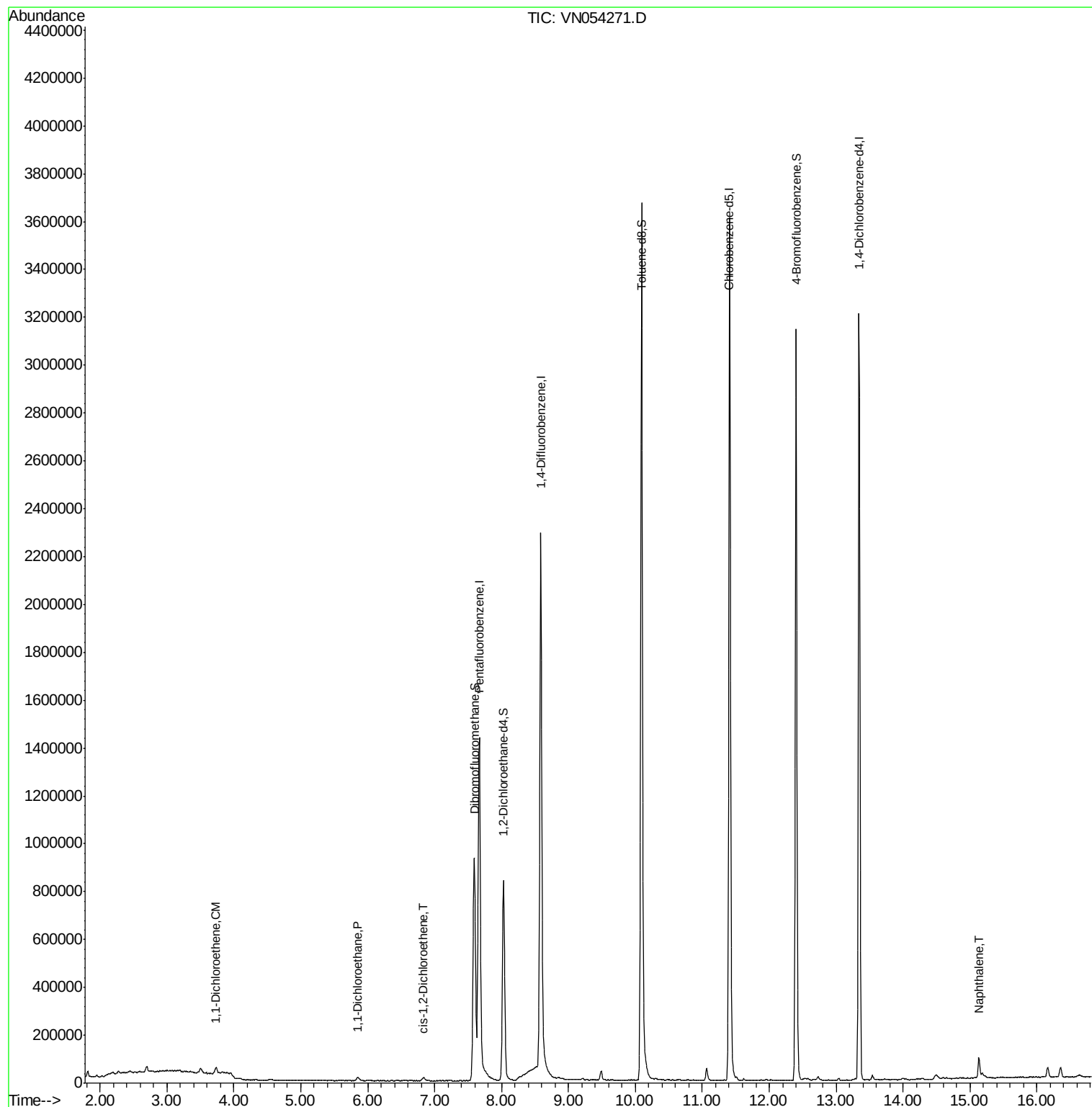
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1432718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2348290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2413625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	956293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	733129	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	7.59	113	722333	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	2870940	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.40	95	1068333	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
Target Compounds						
12) 1,1-Dichloroethene	3.73	96	14950	1.004	ug/l #	79
24) 1,1-Dichloroethane	5.85	63	20875	0.853	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	9967	0.626	ug/l	84
95) Naphthalene	15.13	128	81714	5.283	ug/l	99

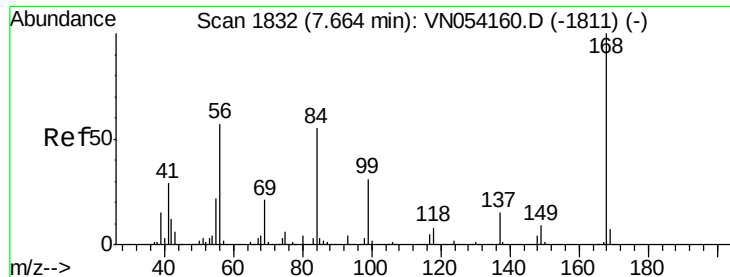
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
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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: VN054271.D

Acq: 14 Mar 2019 19:26

Instrument :

MSVOA_N

ClientSampled :

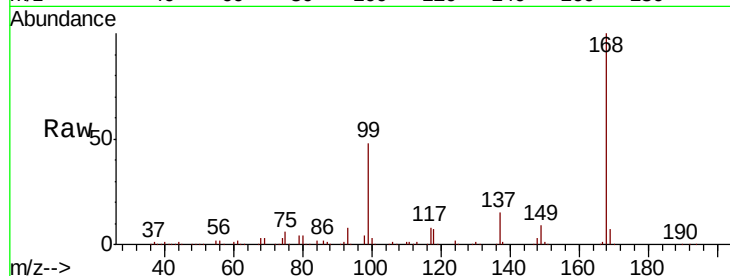
MW-4

Tgt Ion:168 Resp: 1432718

Ion Ratio Lower Upper

168 100

99 48.3 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

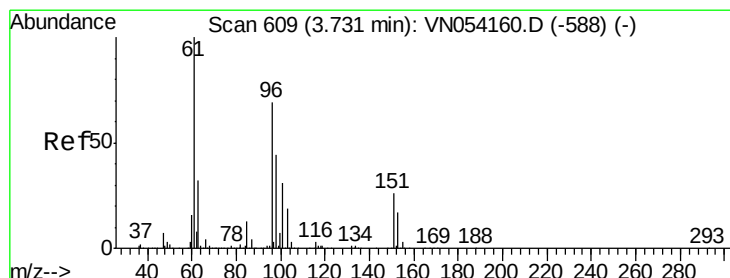
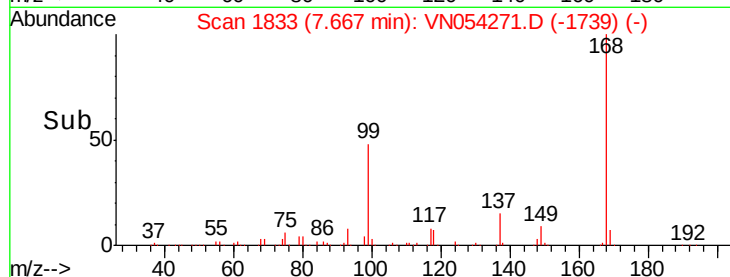
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#12

1,1-Dichloroethene

Concen: 1.004 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN054271.D

Acq: 14 Mar 2019 19:26

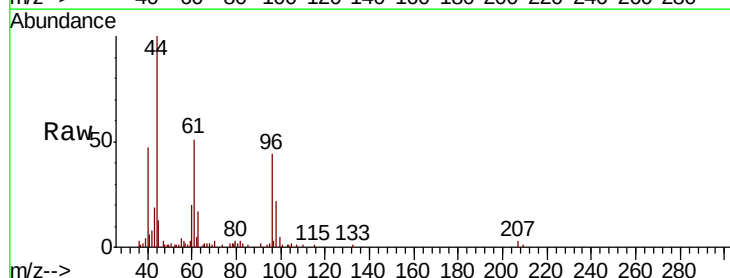
Tgt Ion: 96 Resp: 14950

Ion Ratio Lower Upper

96 100

61 117.7 116.5 174.7

98 50.4 51.0 76.4#



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

3.73

10000

8000

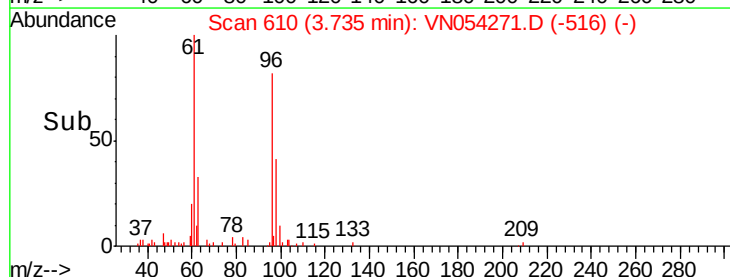
6000

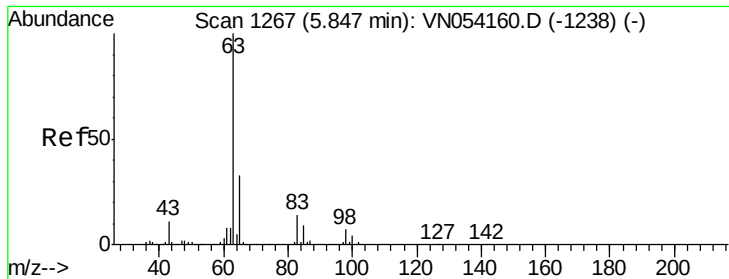
4000

2000

0

Time--> 3.65 3.70 3.75 3.80





#24

1,1-Dichloroethane

Concen: 0.853 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN054271.D

Acq: 14 Mar 2019 19:26

Instrument :

MSVOA_N

ClientSampled :

MW-4

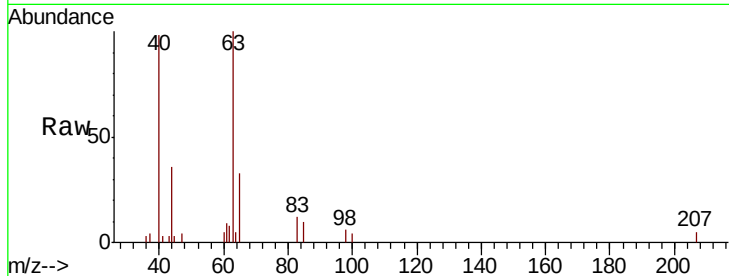
Tgt Ion: 63 Resp: 20875

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

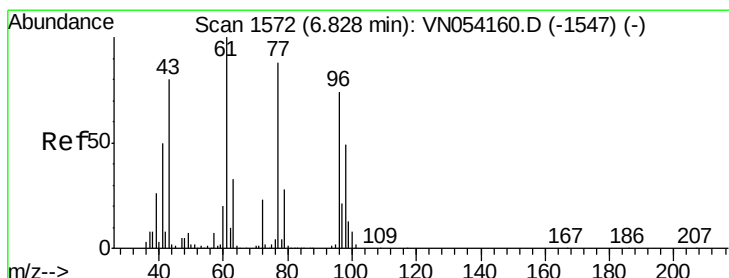
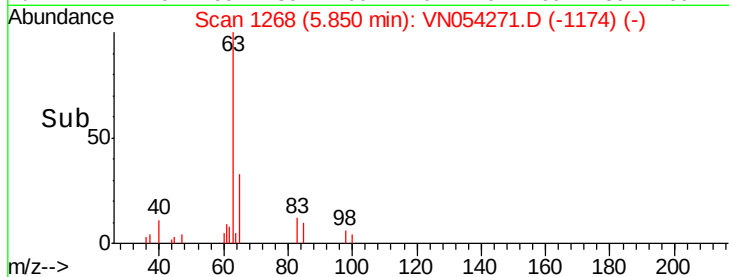
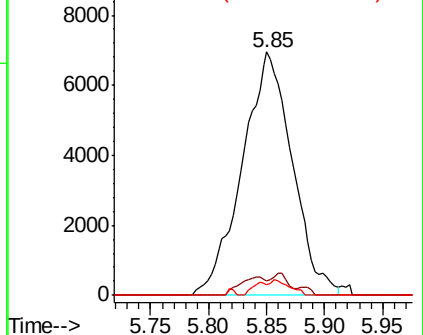
100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN054271.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN054271.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN054271.D (-1174) (-)



#27

cis-1,2-Dichloroethene

Concen: 0.626 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN054271.D

Acq: 14 Mar 2019 19:26

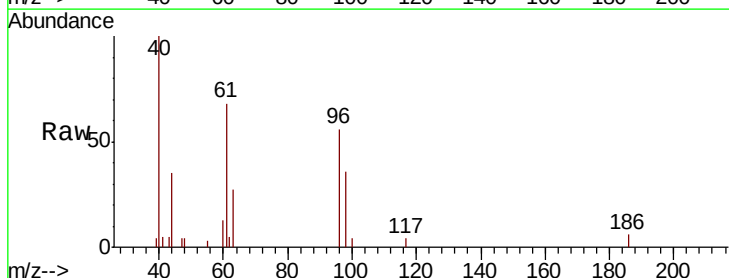
Tgt Ion: 96 Resp: 9967

Ion Ratio Lower Upper

96 100

61 108.2 0.0 273.0

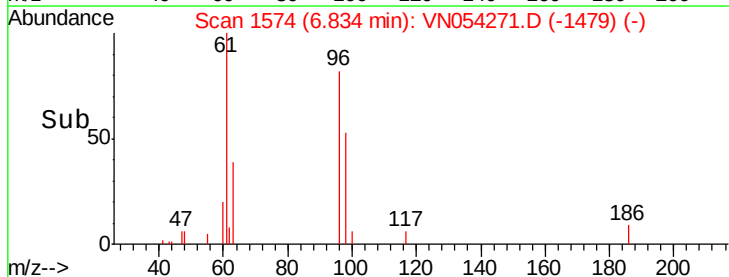
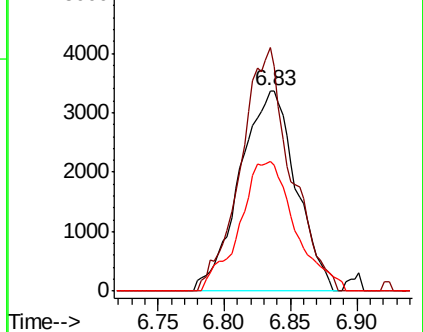
98 64.0 0.0 130.6

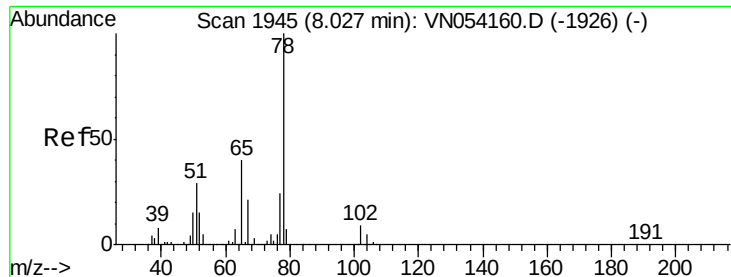


Abundance Ion 95.90 (95.60 to 96.60): VN054271.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN054271.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN054271.D (-1479) (-)

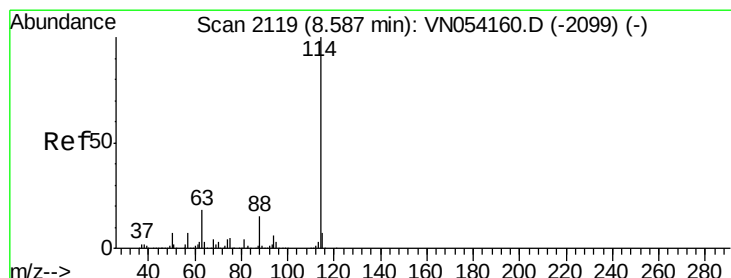
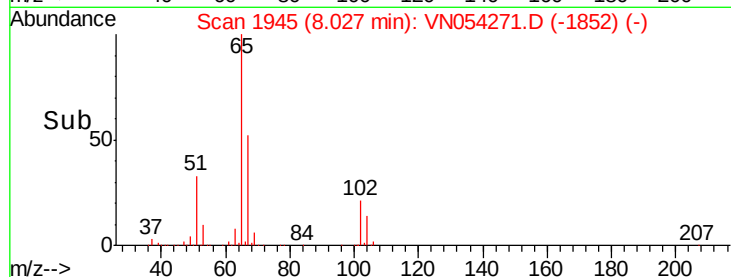
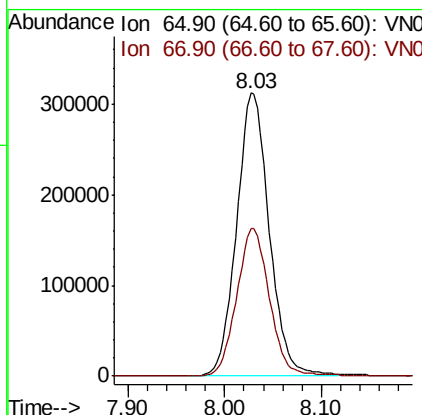
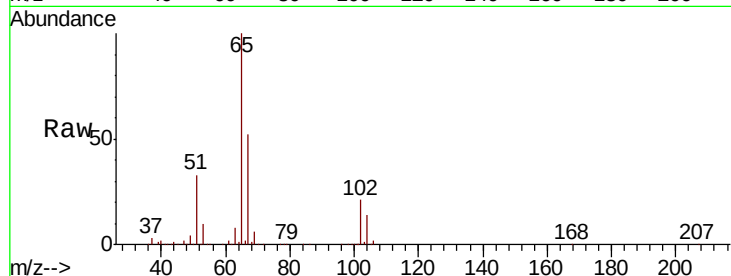




#33
 1,2-Dichloroethane-d4
 Concen: 48.183 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054271.D
 Acq: 14 Mar 2019 19:26

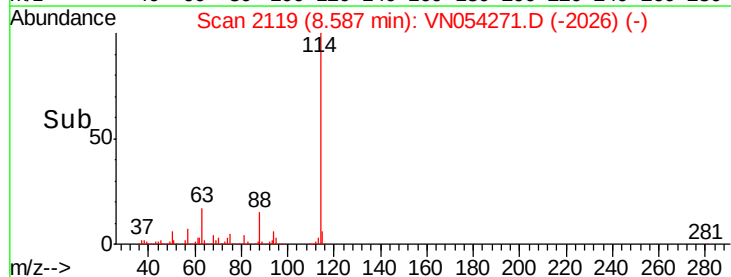
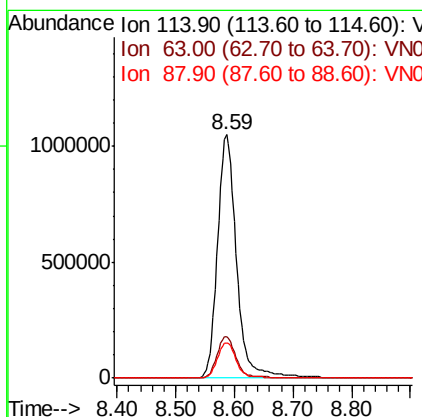
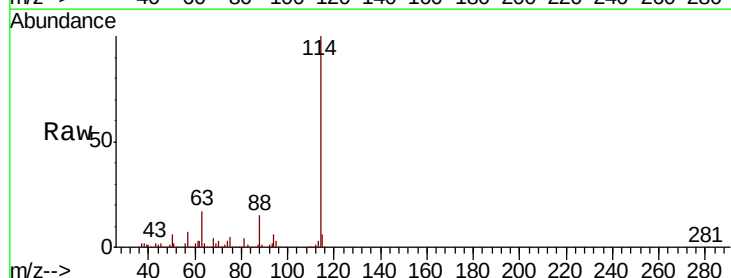
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

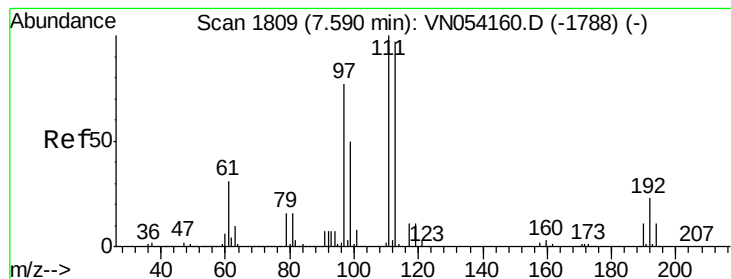
Tgt Ion: 65 Resp: 733129
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054271.D
 Acq: 14 Mar 2019 19:26

Tgt Ion: 114 Resp: 2348290
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.2
 88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.693 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054271.D

Acq: 14 Mar 2019 19:26

Instrument :

MSVOA_N

ClientSampleId :

MW-4

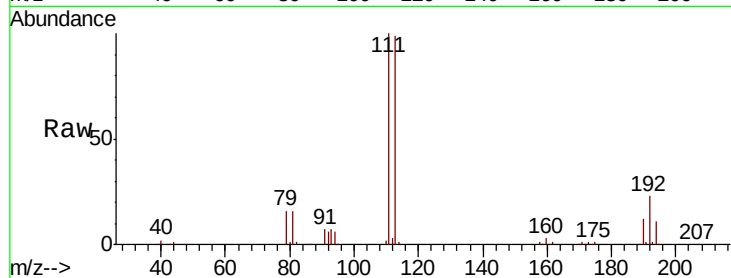
Tgt Ion:113 Resp: 722333

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

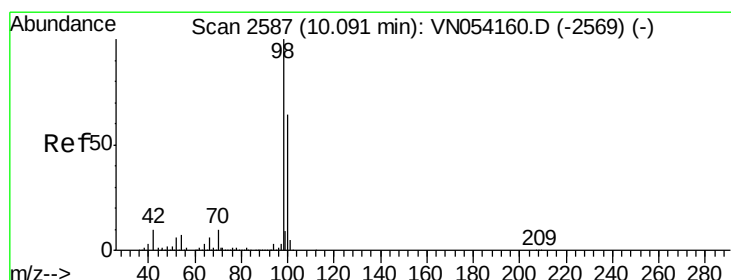
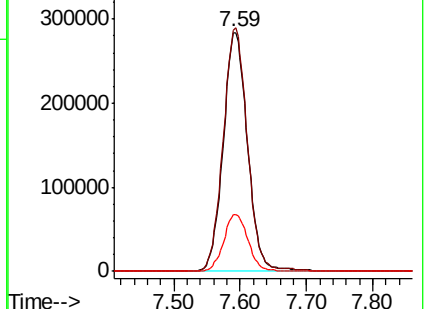
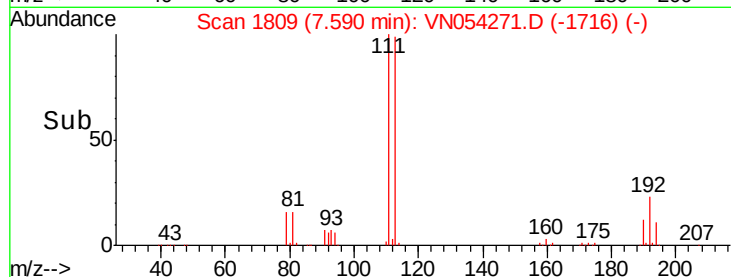
192 23.8 19.2 28.8



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



#50

Toluene-d8

Concen: 51.327 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054271.D

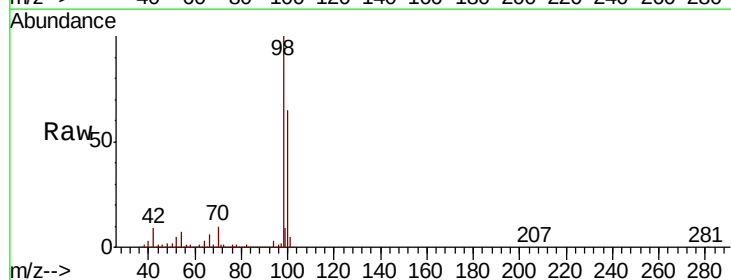
Acq: 14 Mar 2019 19:26

Tgt Ion: 98 Resp: 2870940

Ion Ratio Lower Upper

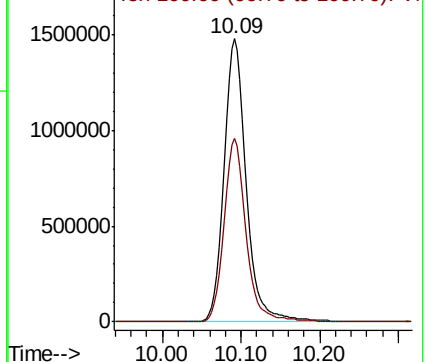
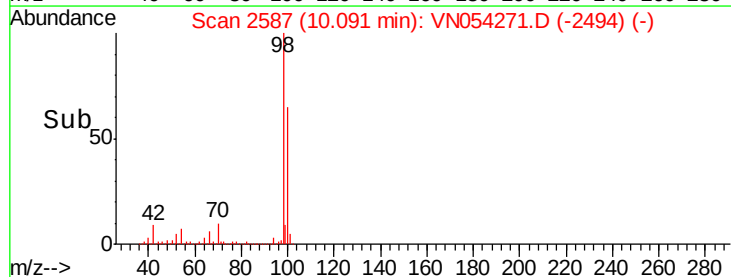
98 100

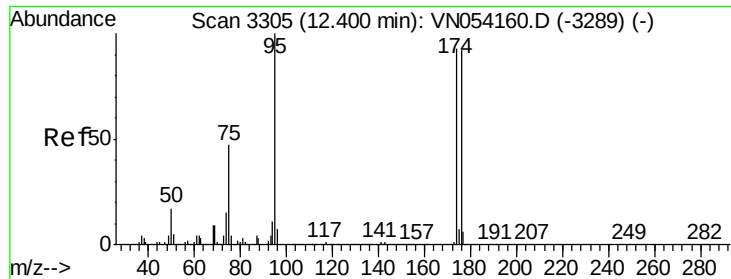
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 54.586 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054271.D

Acq: 14 Mar 2019 19:26

Instrument :

MSVOA_N

ClientSampleId :

MW-4

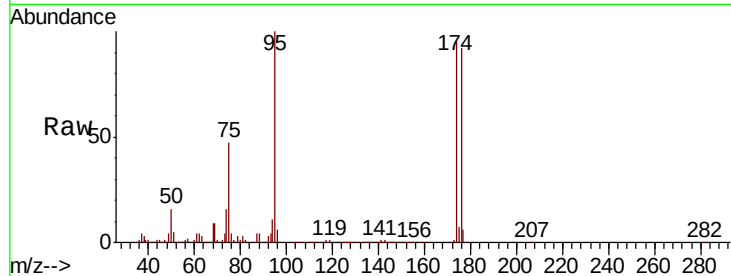
Tgt Ion: 95 Resp: 1068333

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.0

176 95.4 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

800000

600000

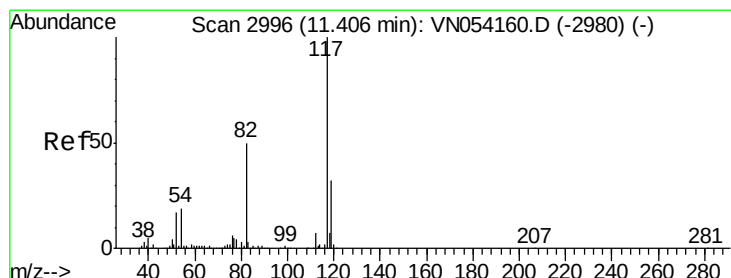
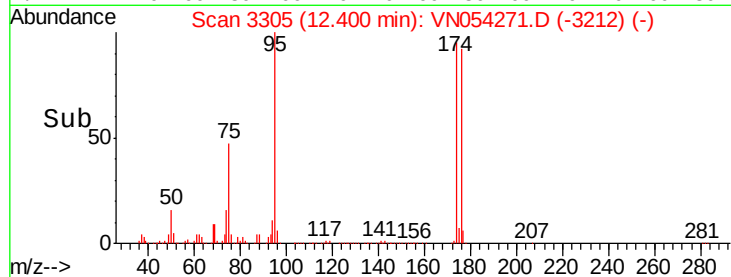
400000

200000

0

12.30 12.40 12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054271.D

Acq: 14 Mar 2019 19:26

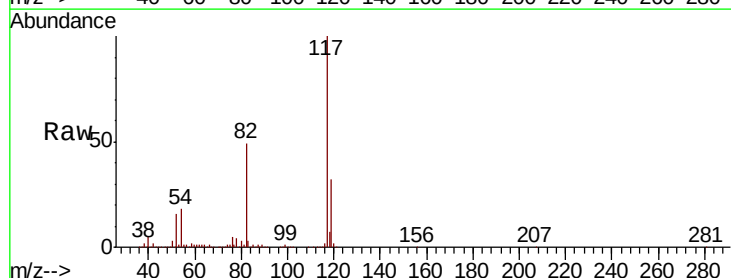
Tgt Ion: 117 Resp: 2413625

Ion Ratio Lower Upper

117 100

82 49.2 40.0 60.0

119 32.0 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

1500000

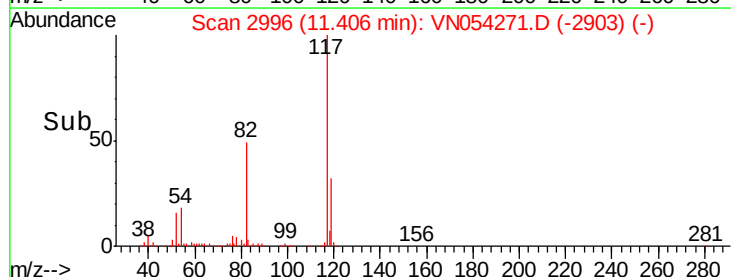
1000000

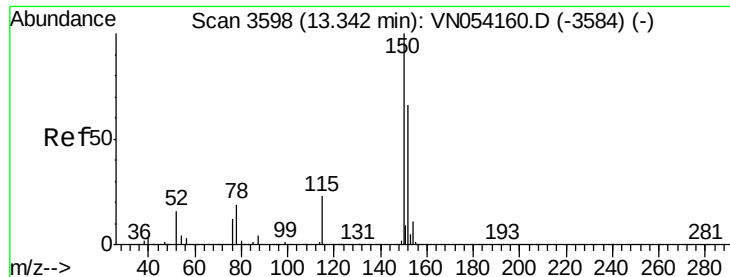
500000

0

11.30 11.40 11.50

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: VN054271.D

Acq: 14 Mar 2019 19:26

Instrument :

MSVOA_N

ClientSampleId :

MW-4

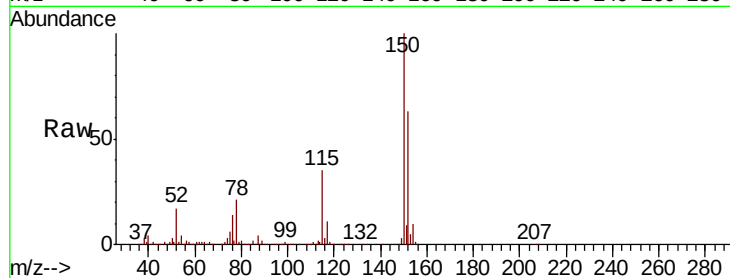
Tgt Ion:152 Resp: 956293

Ion Ratio Lower Upper

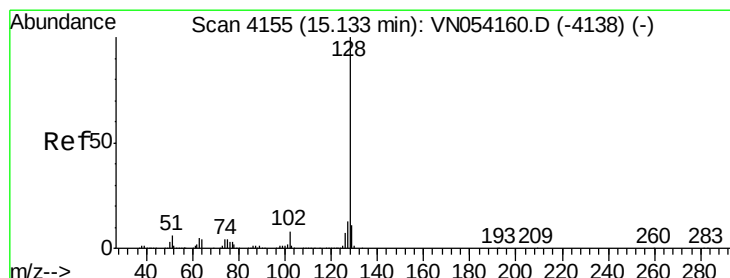
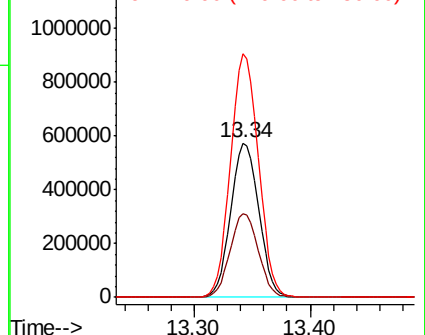
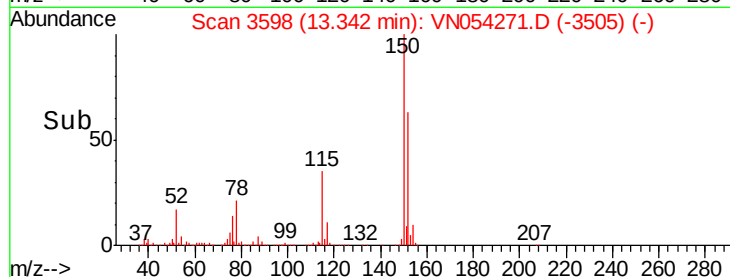
152 100

115 54.4 27.2 81.6

150 157.2 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



#95

Naphthalene

Concen: 5.283 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054271.D

Acq: 14 Mar 2019 19:26

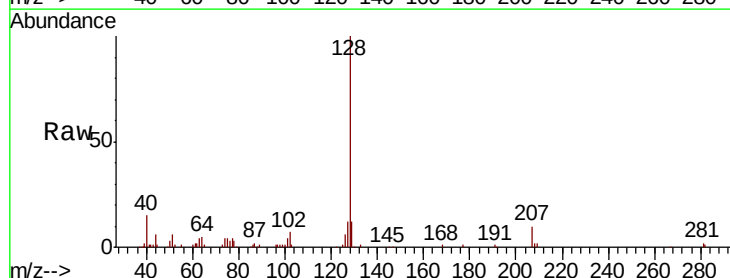
Tgt Ion:128 Resp: 81714

Ion Ratio Lower Upper

128 100

127 12.2 10.1 15.1

129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

