

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054234.D
 Acq On : 14 Mar 2019 1:46
 Operator : JC/SP
 Sample : K1873-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 371

Quant Time: Mar 14 08:37:18 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

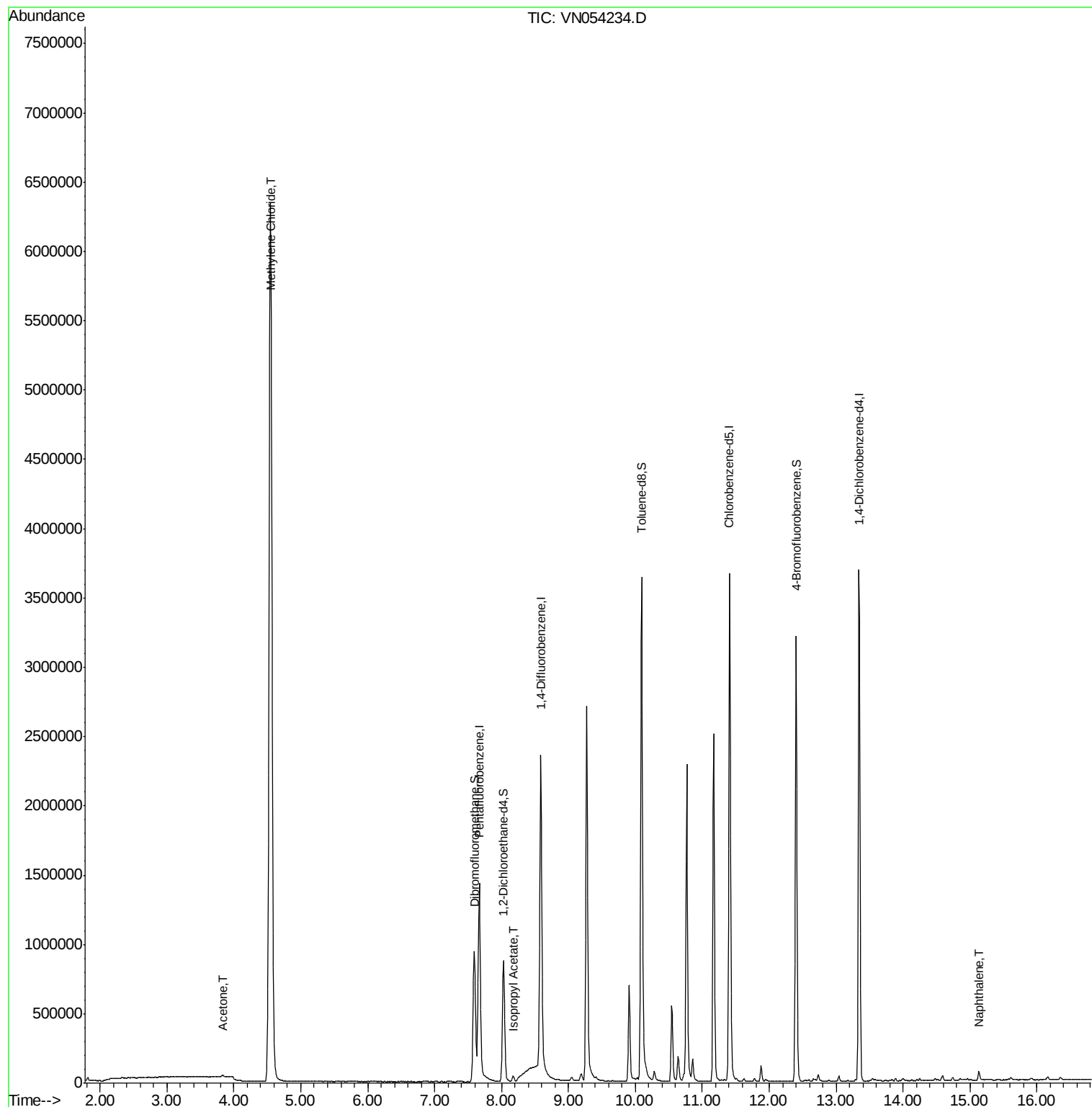
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1396108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2353184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2447660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1087575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	762472	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	7.59	113	726133	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.09	98	2909000	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.40	95	1108200	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
Target Compounds						
16) Acetone	3.83	43	19464	4.585	ug/l #	82
20) Methylene Chloride	4.55	84	5047180	362.081	ug/l	99
43) Isopropyl Acetate	8.18	43	43739	2.001	ug/l	97
95) Naphthalene	15.13	128	58919	4.619	ug/l	99

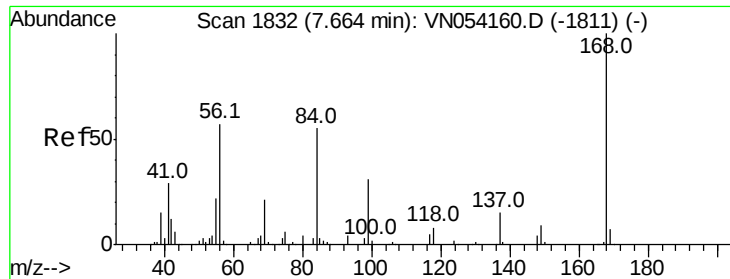
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN054234.D

Acq: 14 Mar 2019 1:46

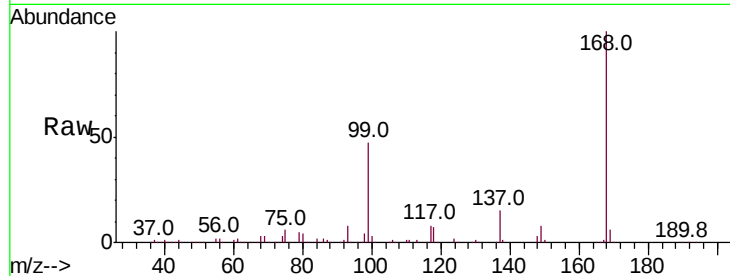
Instrument :
MSVOA_N
ClientSampleId :
371

Tot Ion:168 Resp: 1396108

Ion Ratio Lower Upper

168 100

99 47.3 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

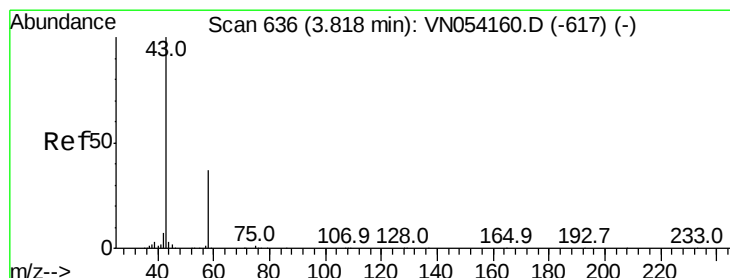
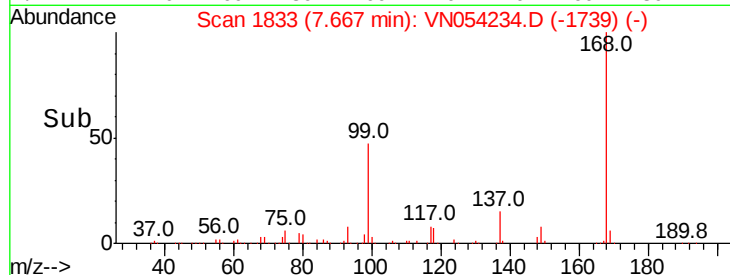
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.585 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN054234.D

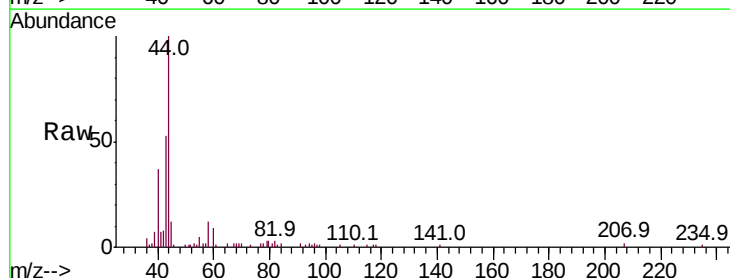
Acq: 14 Mar 2019 1:46

Tgt Ion: 43 Resp: 19464

Ion Ratio Lower Upper

43 100

58 26.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VN

3.83

10000

8000

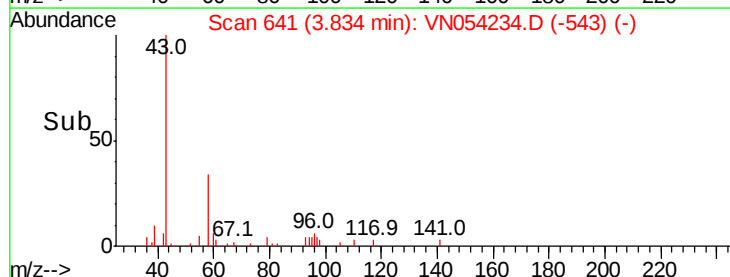
6000

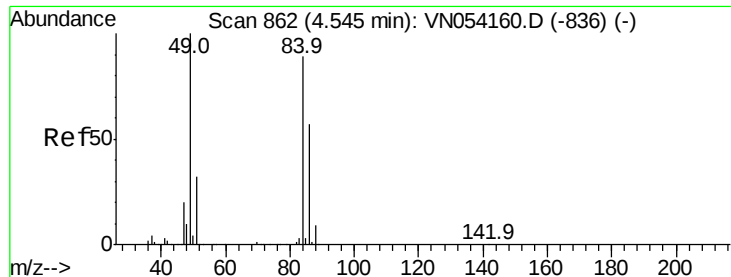
4000

2000

0

Time--> 3.75 3.80 3.85 3.90



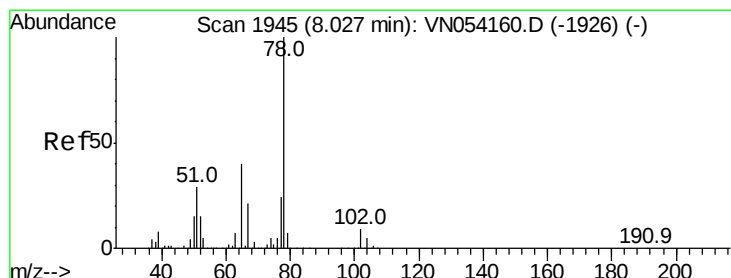
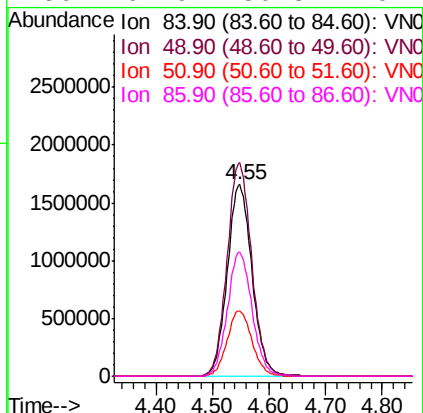
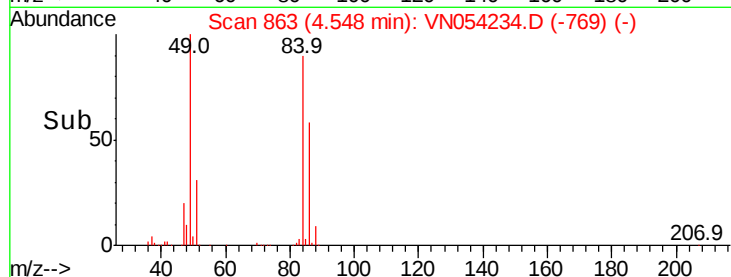
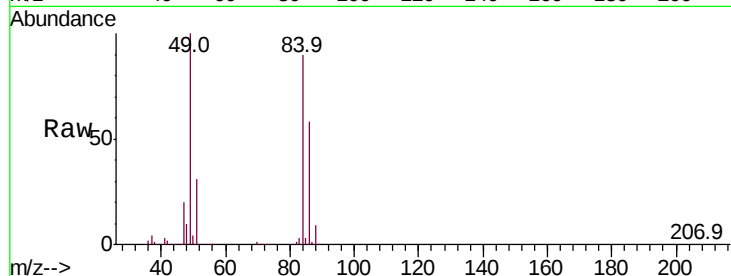


#20
Methylene Chloride
Concen: 362.081 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Instrument :
MSVOA_N
ClientSampled :
371

Tot Ion: 84 Resp: 5047180

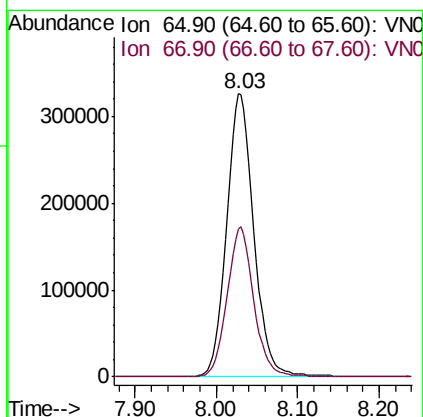
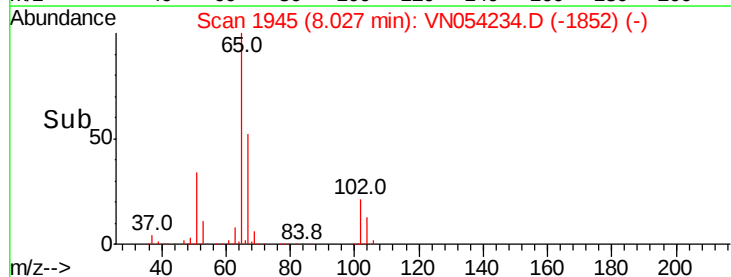
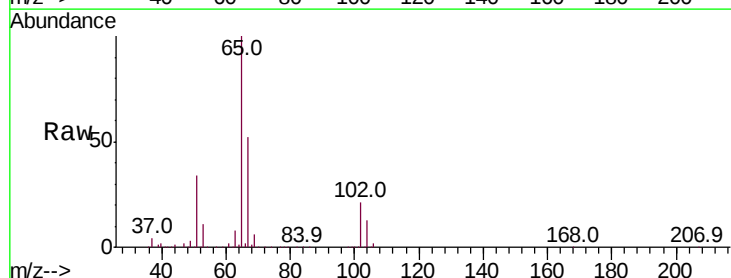
Ion	Ratio	Lower	Upper
84	100		
49	111.3	89.7	134.5
51	34.3	28.2	42.4
86	64.9	50.8	76.2

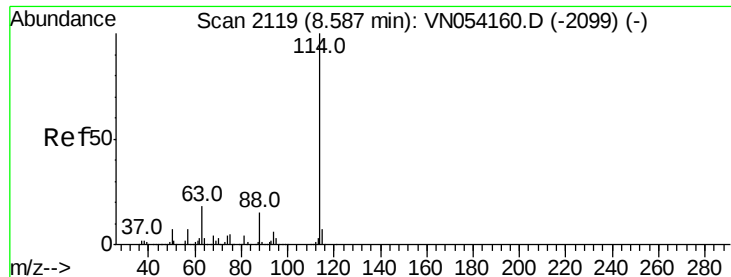


#33
1,2-Dichloroethane-d4
Concen: 51.426 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054234.D
Acq: 14 Mar 2019 1:46

Tgt Ion: 65 Resp: 762472

Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VN054234.D

Acq: 14 Mar 2019 1:46

Instrument :

MSVOA_N

ClientSampled :

371

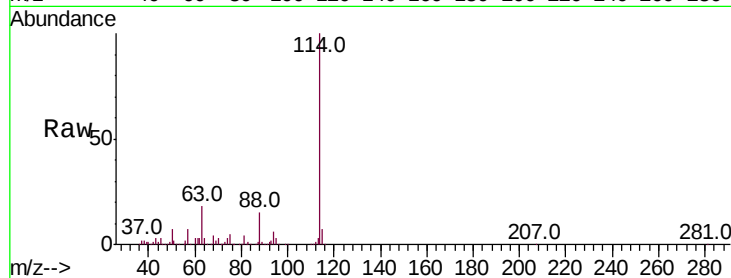
Tot Ion:114 Resp: 2353184

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.2

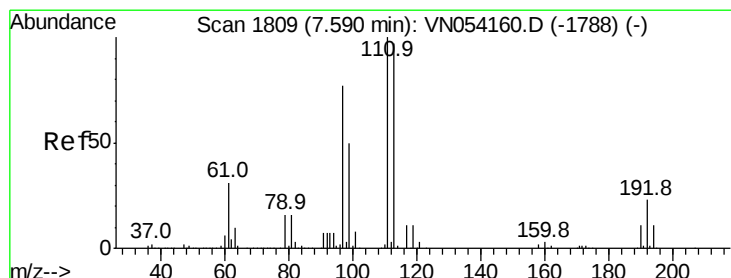
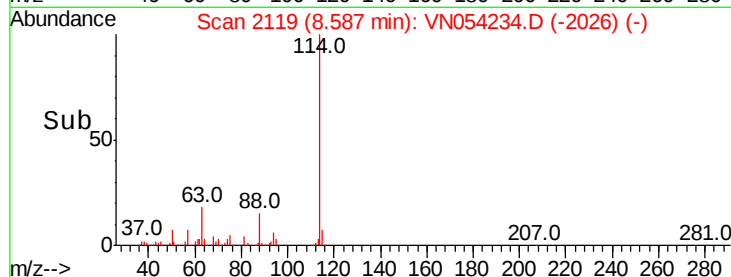
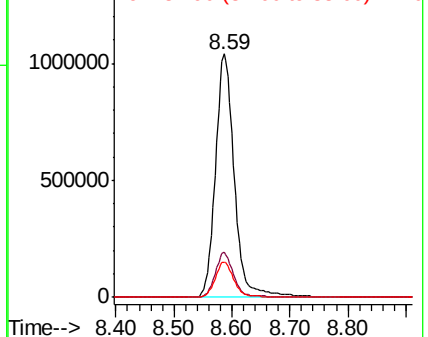
88 14.6 0.0 30.2



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: 47.844 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054234.D

Acq: 14 Mar 2019 1:46

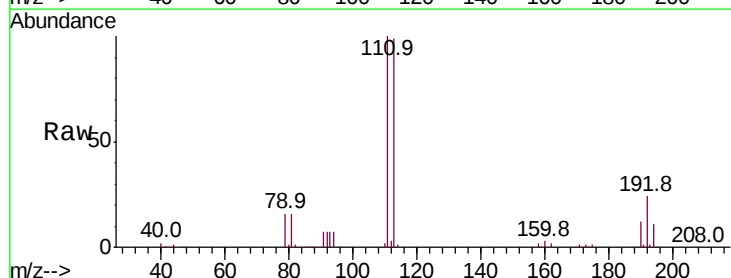
Tgt Ion:113 Resp: 726133

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

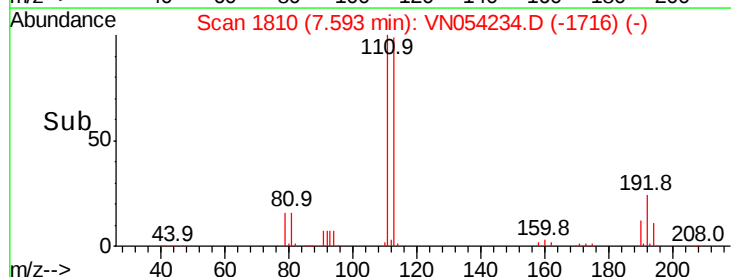
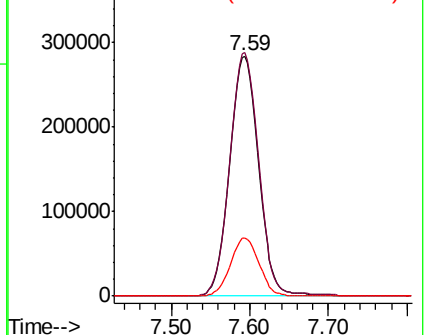
192 24.0 19.2 28.8

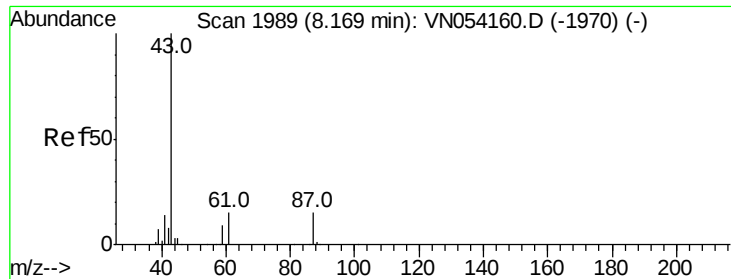


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



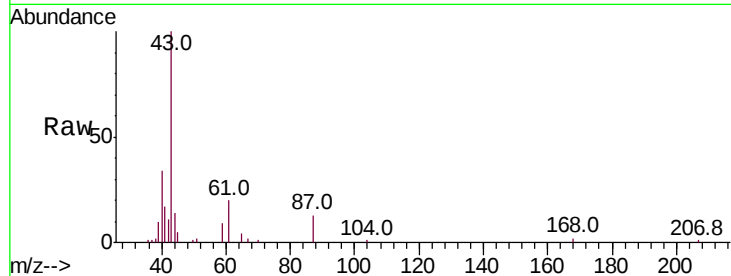


#43

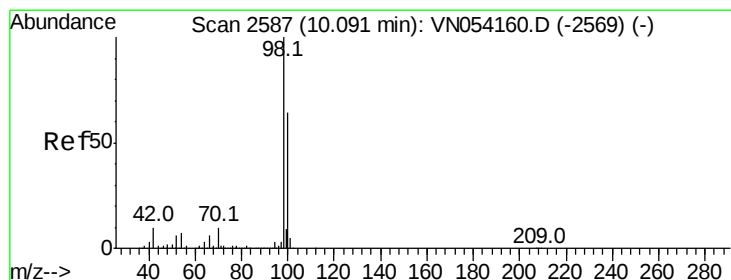
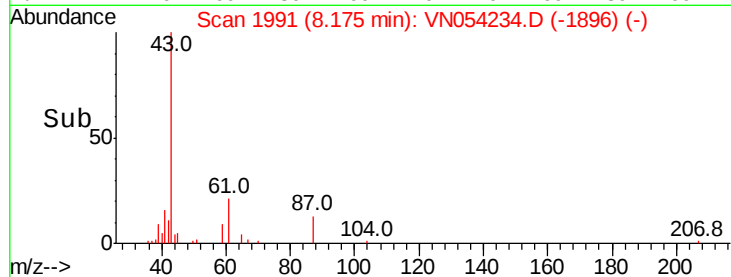
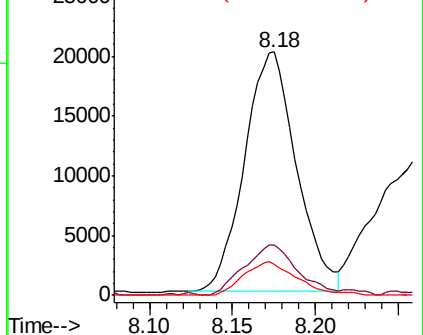
Isopropyl Acetate
 Concen: 2.001 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN054234.D
 Acq: 14 Mar 2019 1:46

Instrument :
 MSVOA_N
 ClientSampled :
 371

Tot Ion: 43 Resp: 43739
 Ion Ratio Lower Upper
 43 100
 61 21.4 15.8 23.8
 87 14.5 12.0 18.0



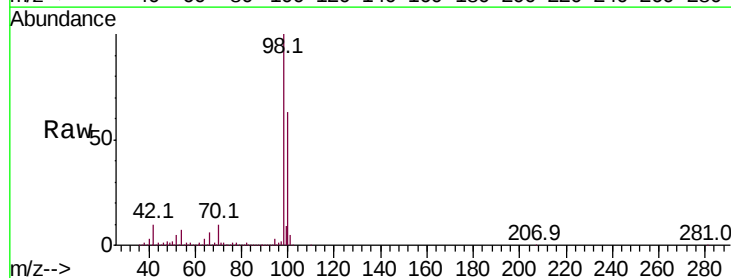
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



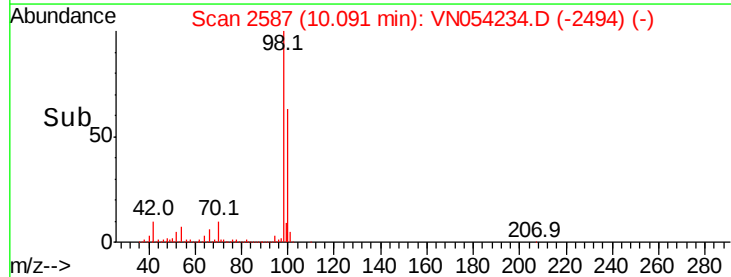
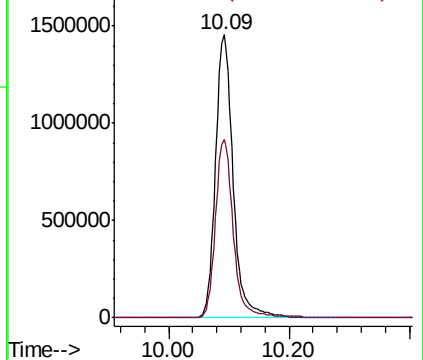
#50

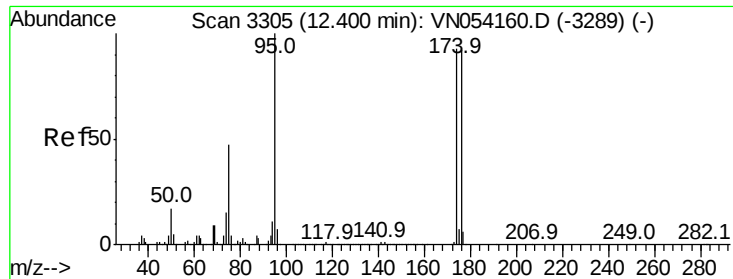
Toluene-d8
 Concen: 51.899 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054234.D
 Acq: 14 Mar 2019 1:46

Tgt Ion: 98 Resp: 2909000
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 56.505 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054234.D

Acq: 14 Mar 2019 1:46

Instrument :

MSVOA_N

ClientSampleId :

371

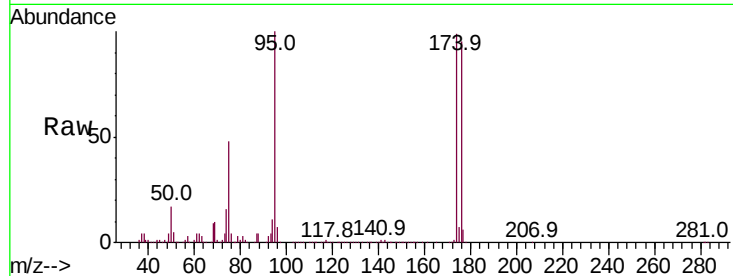
Tot Ion: 95 Resp: 1108200

Ion Ratio Lower Upper

95 100

174 98.3 0.0 191.0

176 94.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)

12.40

800000

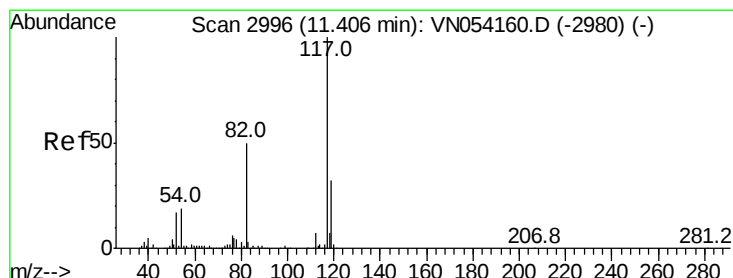
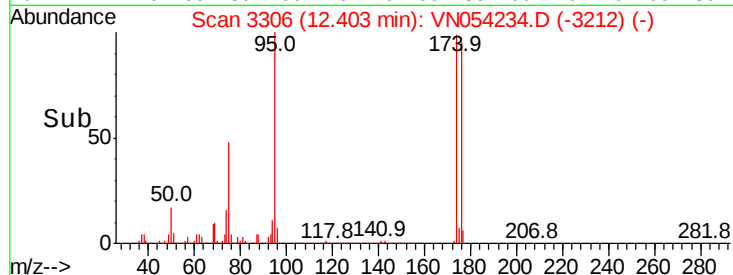
600000

400000

200000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054234.D

Acq: 14 Mar 2019 1:46

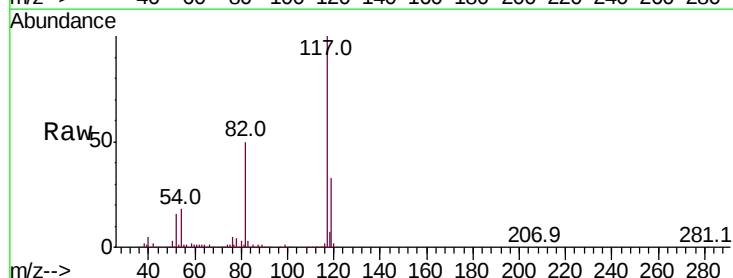
Tgt Ion: 117 Resp: 2447660

Ion Ratio Lower Upper

117 100

82 50.3 40.0 60.0

119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)

11.41

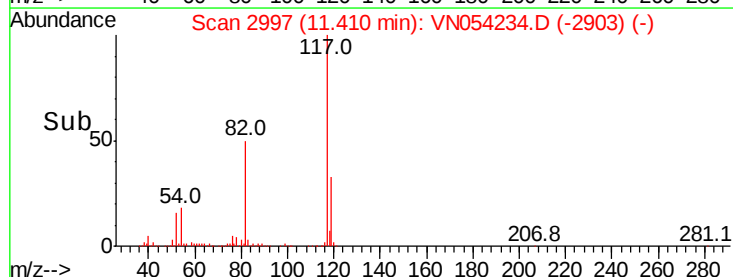
1500000

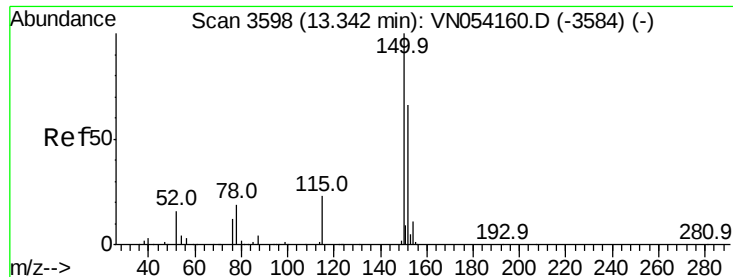
1000000

500000

0

Time--> 11.40 11.60





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054234.D

Acq: 14 Mar 2019 1:46

Instrument :

MSVOA_N

ClientSampled :

371

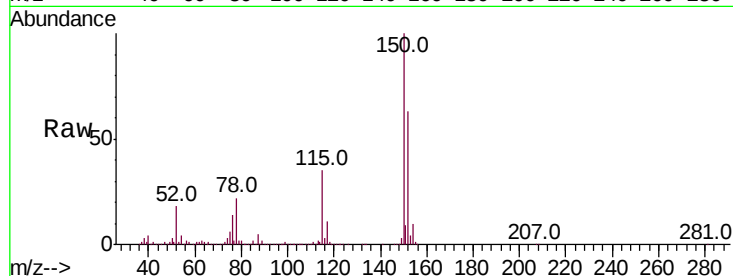
Tot Ion:152 Resp: 1087575

Ion Ratio Lower Upper

152 100

115 54.2 27.2 81.6

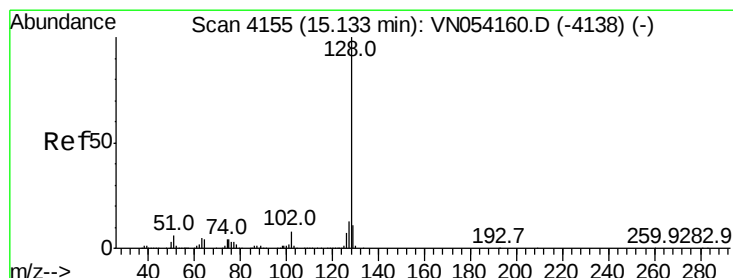
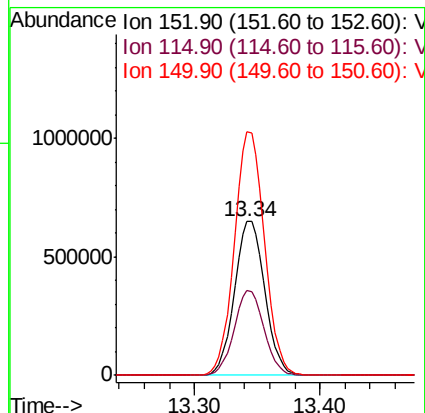
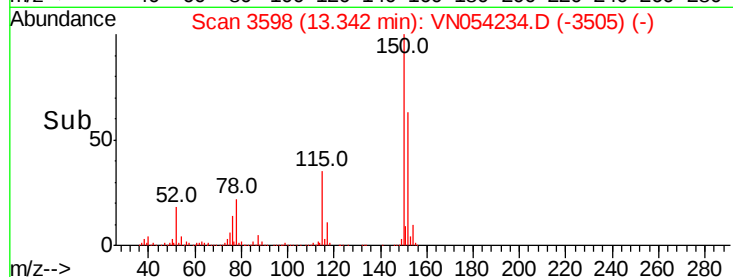
150 157.0 0.0 349.2



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



#95

Naphthalene

Concen: 4.619 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054234.D

Acq: 14 Mar 2019 1:46

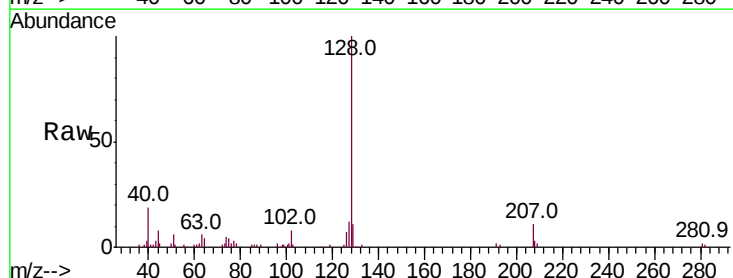
Tgt Ion:128 Resp: 58919

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 11.6 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

