

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053734.D
 Acq On : 12 Feb 2019 16:54
 Operator : JC/SP
 Sample : K1459-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-11-S

Quant Time: Feb 13 05:51:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

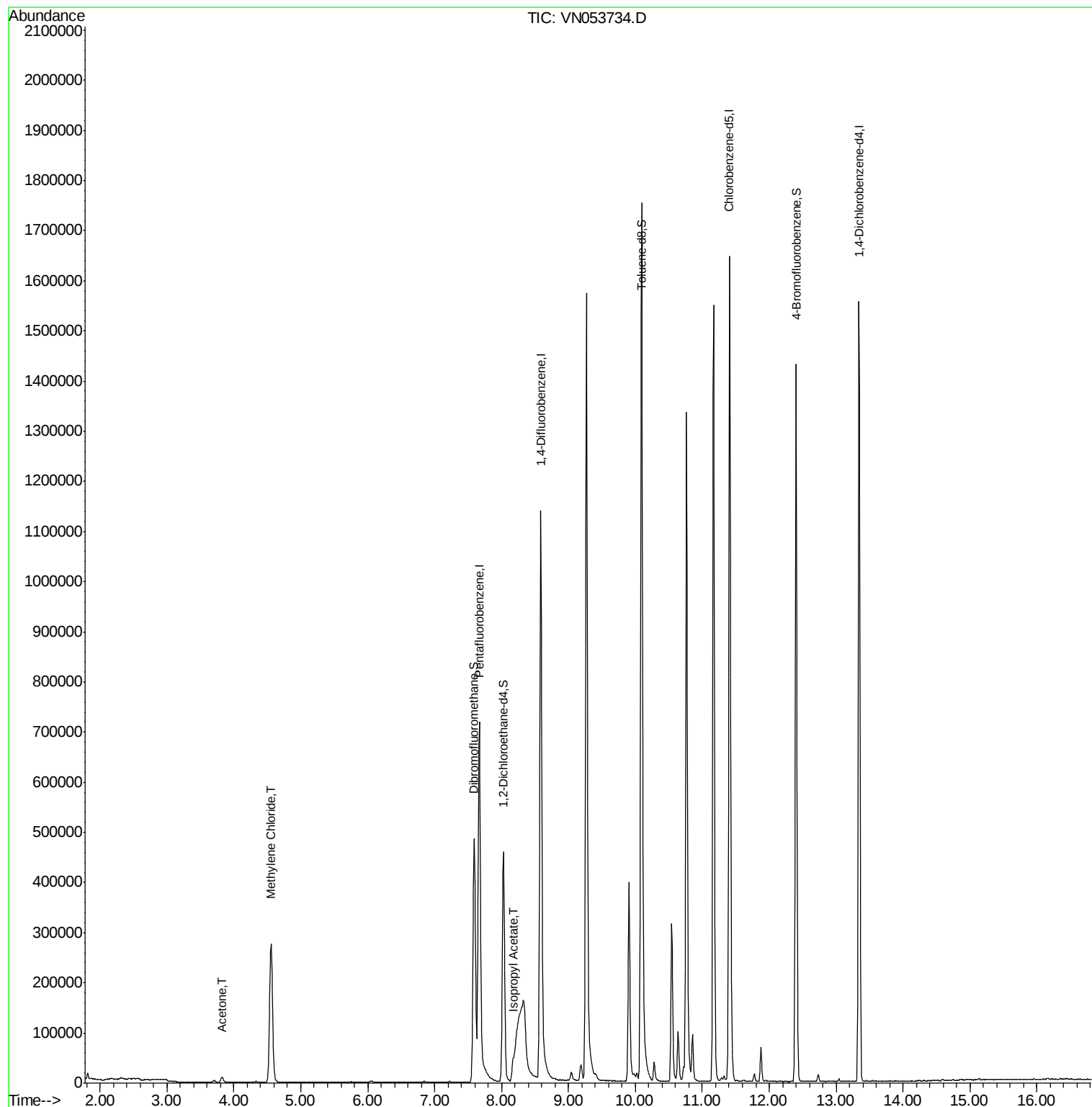
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	731873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1209383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1112515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	461184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	393081	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
35) Dibromofluoromethane	7.59	113	383199	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	10.09	98	1453944	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	505174	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
Target Compounds						
16) Acetone	3.82	43	19180	10.184	ug/l	97
20) Methylene Chloride	4.55	84	221052	27.977	ug/l	96
43) Isopropyl Acetate	8.17	43	45963	3.909	ug/l #	77

(#) = 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: VN053734.D

Acq: 12 Feb 2019 16:54

Instrument :

MSVOA_N

ClientSampled :

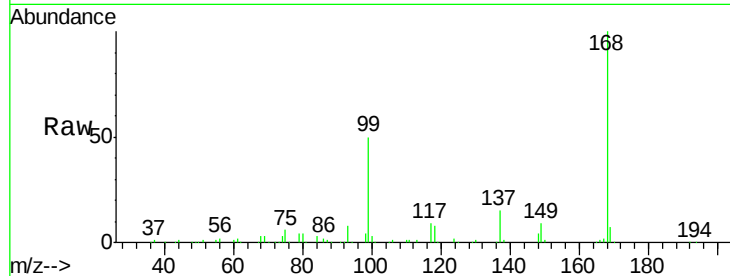
M-11-S

Tot Ion:168 Resp: 731873

Ion Ratio Lower Upper

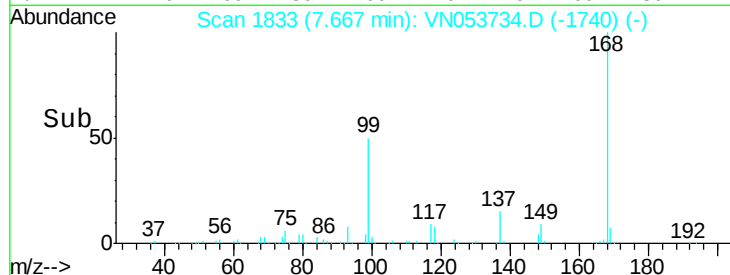
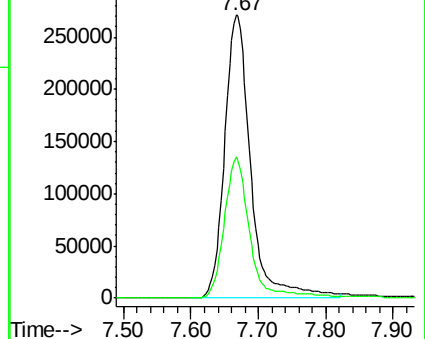
168 100

99 49.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053734.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053734.D (-1740) (-)



#16

Acetone

Concen: 10.184 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053734.D

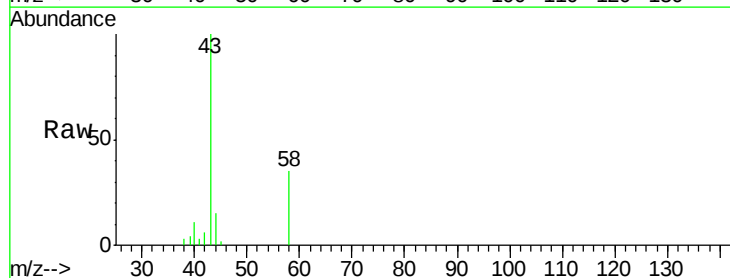
Acq: 12 Feb 2019 16:54

Tgt Ion: 43 Resp: 19180

Ion Ratio Lower Upper

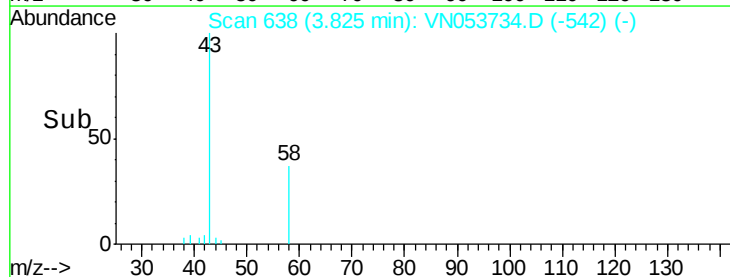
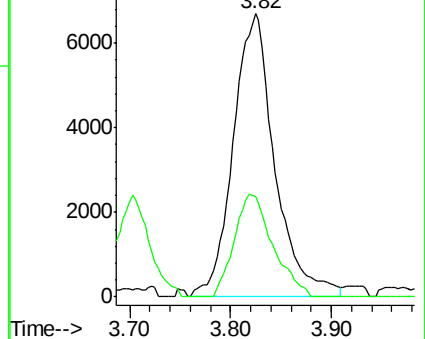
43 100

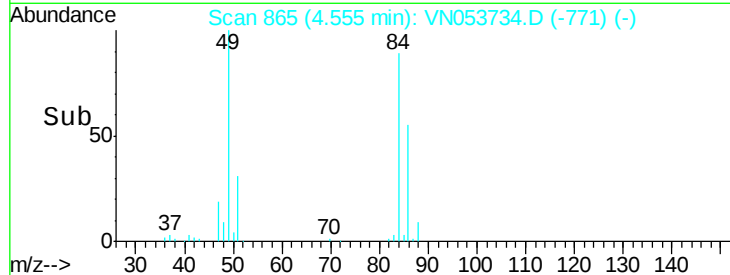
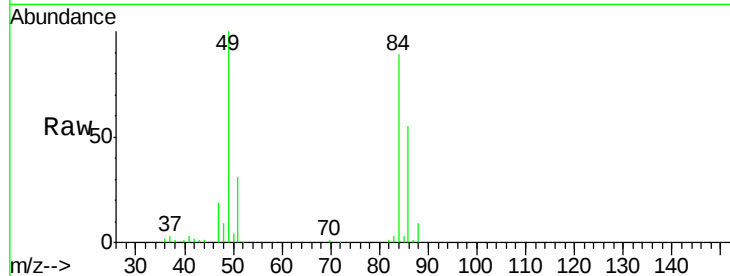
58 35.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053734.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053734.D (-542) (-)

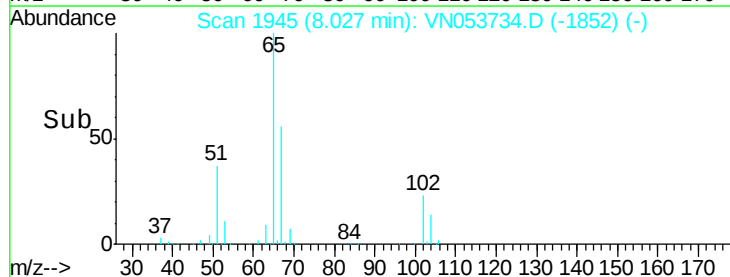
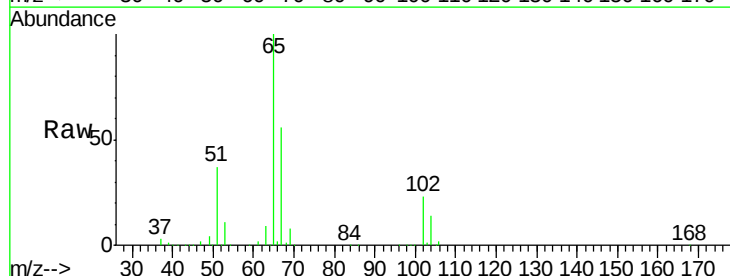
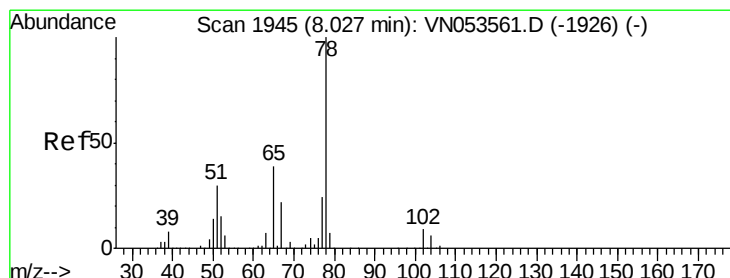
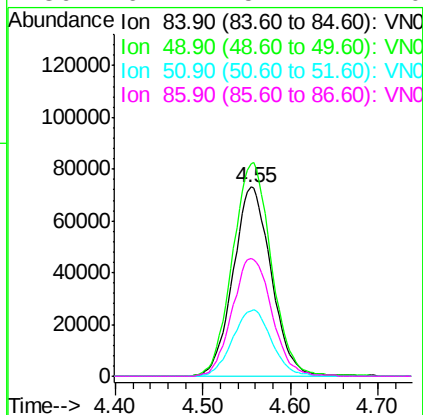




#20
Methvlene Chloride
Concen: 27.977 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053734.D
Acq: 12 Feb 2019 16:54

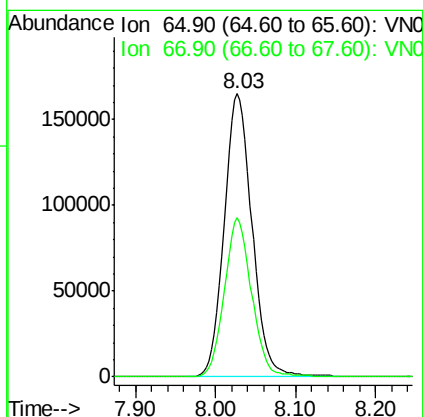
Instrument :
MSVOA_N
ClientSampleId :
M-11-S

Tot Ion:	84	Resp:	221052
Ion	Ratio	Lower	Upper
84	100		
49	112.2	94.3	141.5
51	34.8	29.4	44.2
86	62.1	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.538 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053734.D
Acq: 12 Feb 2019 16:54

Tgt Ion:	65	Resp:	393081
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053734.D

Acq: 12 Feb 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

M-11-S

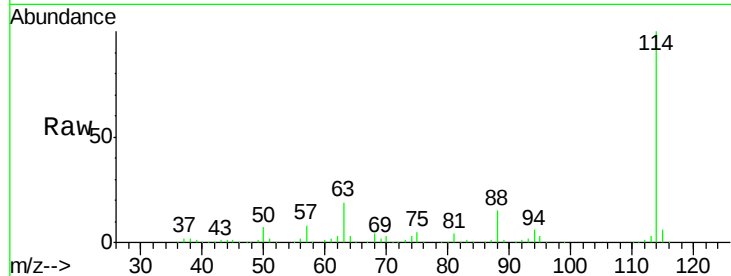
Tot Ion:114 Resp: 1209383

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

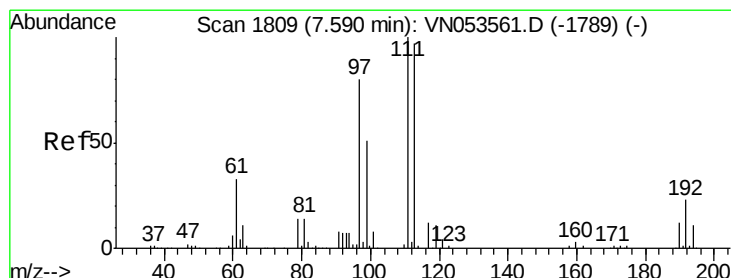
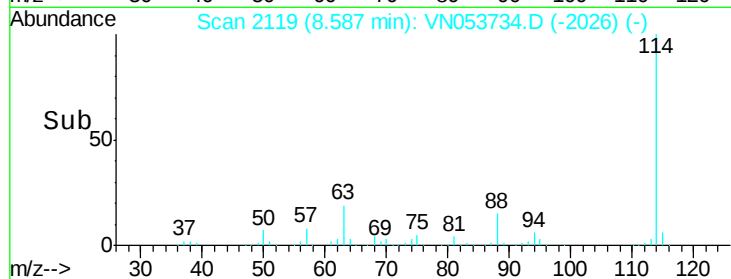
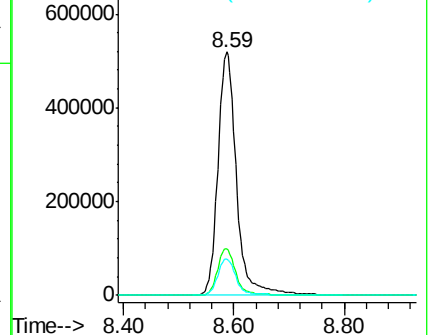
88 15.0 0.0 30.4



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: 50.146 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053734.D

Acq: 12 Feb 2019 16:54

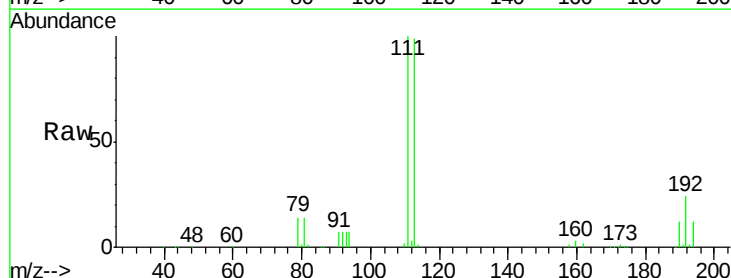
Tgt Ion:113 Resp: 383199

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

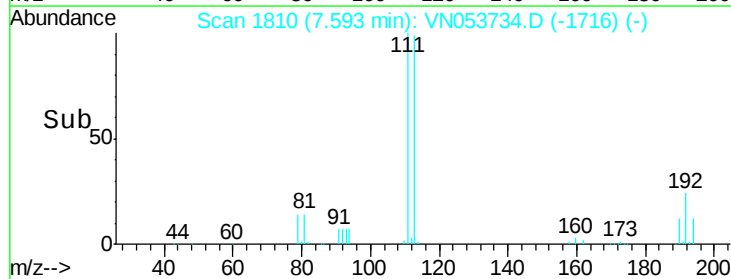
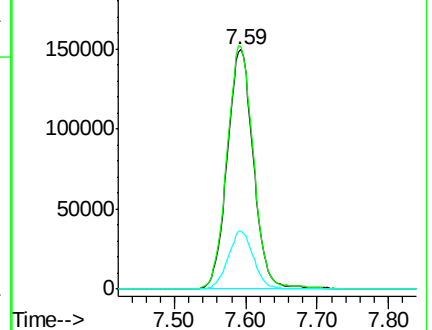
192 23.6 18.2 27.2

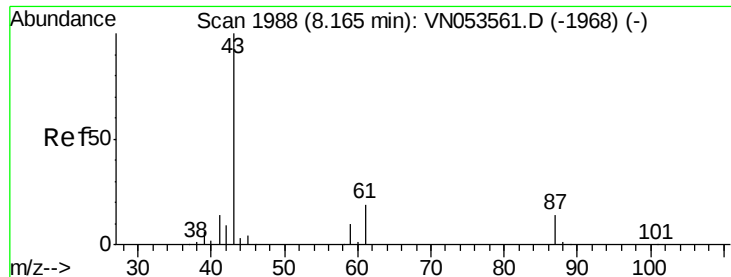


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.909 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053734.D

Acq: 12 Feb 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

M-11-S

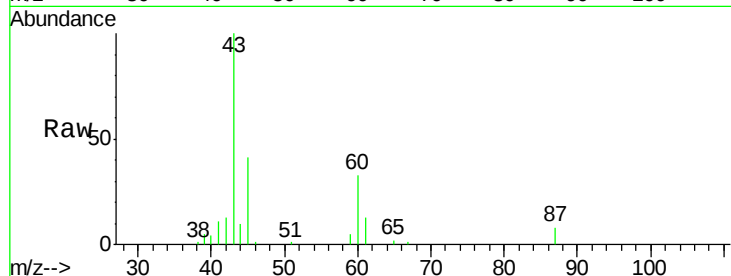
Tot Ion: 43 Resp: 45963

Ion Ratio Lower Upper

43 100

61 14.8 23.9 35.9#

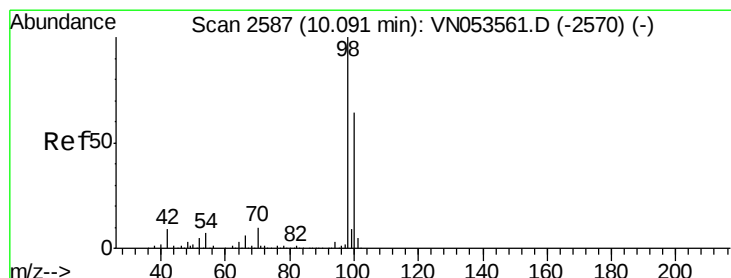
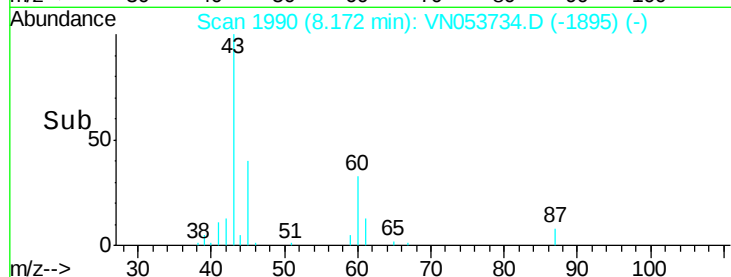
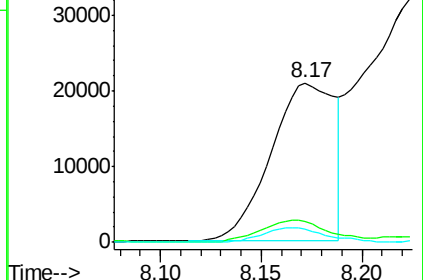
87 8.9 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053734.D (-1990) (-)

Ion 61.00 (60.70 to 61.70): VN053734.D (-1990) (-)

Ion 87.00 (86.70 to 87.70): VN053734.D (-1990) (-)



#50

Toluene-d8

Concen: 50.672 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053734.D

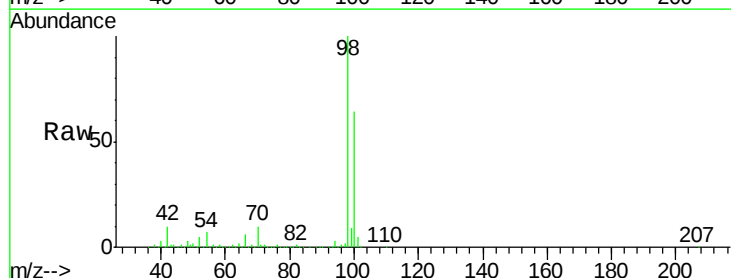
Acq: 12 Feb 2019 16:54

Tgt Ion: 98 Resp: 1453944

Ion Ratio Lower Upper

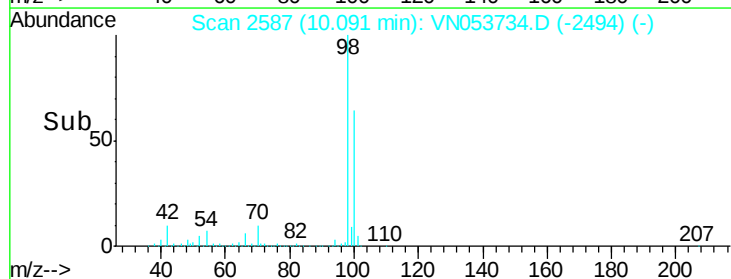
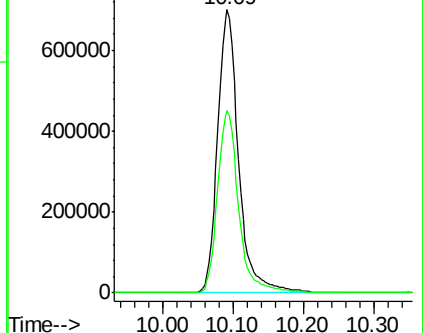
98 100

100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053734.D (-2587) (-)

Ion 100.00 (99.70 to 100.70): VN053734.D (-2587) (-)





#62

4-Bromofluorobenzene

Concen: 52.789 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053734.D

Acq: 12 Feb 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

M-11-S

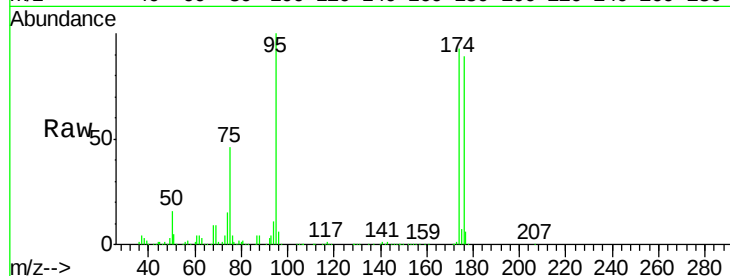
Tot Ion: 95 Resp: 505174

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.2

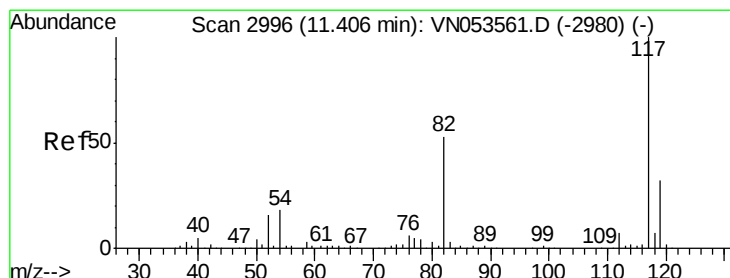
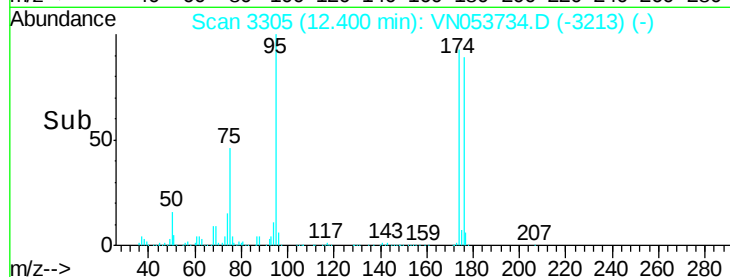
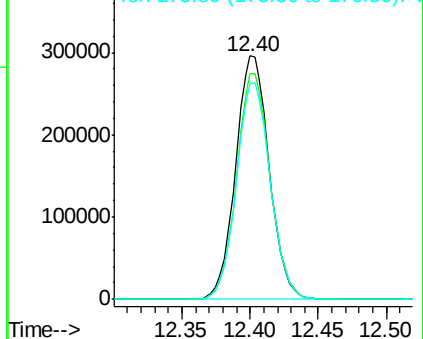
176 89.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053734.D

Acq: 12 Feb 2019 16:54

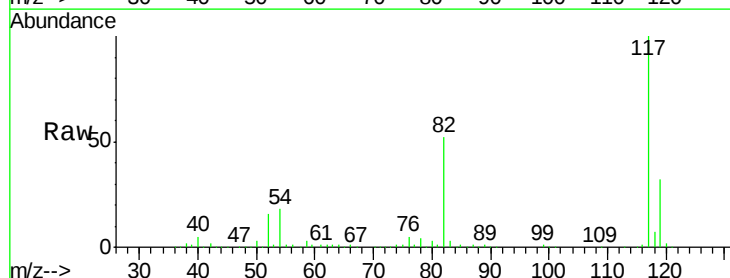
Tgt Ion: 117 Resp: 1112515

Ion Ratio Lower Upper

117 100

82 52.5 42.9 64.3

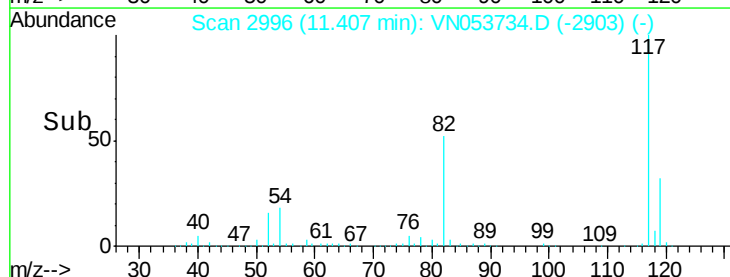
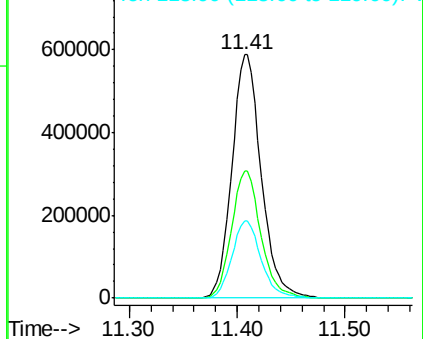
119 31.9 26.0 39.0

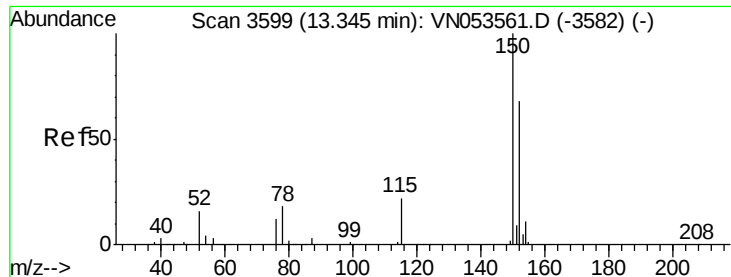


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053734.D

Acq: 12 Feb 2019 16:54

Instrument :

MSVOA_N

ClientSampleId :

M-11-S

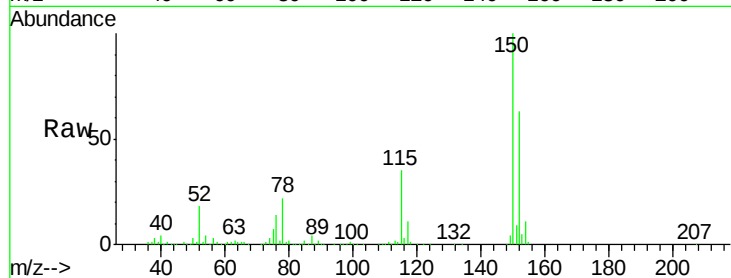
Tot Ion:152 Resp: 461184

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 157.5 0.0 349.0



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

