

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054048.D
 Acq On : 1 Mar 2019 23:42
 Operator : JC/SP
 Sample : K1675-40
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-14-A

Quant Time: Mar 02 05:55:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

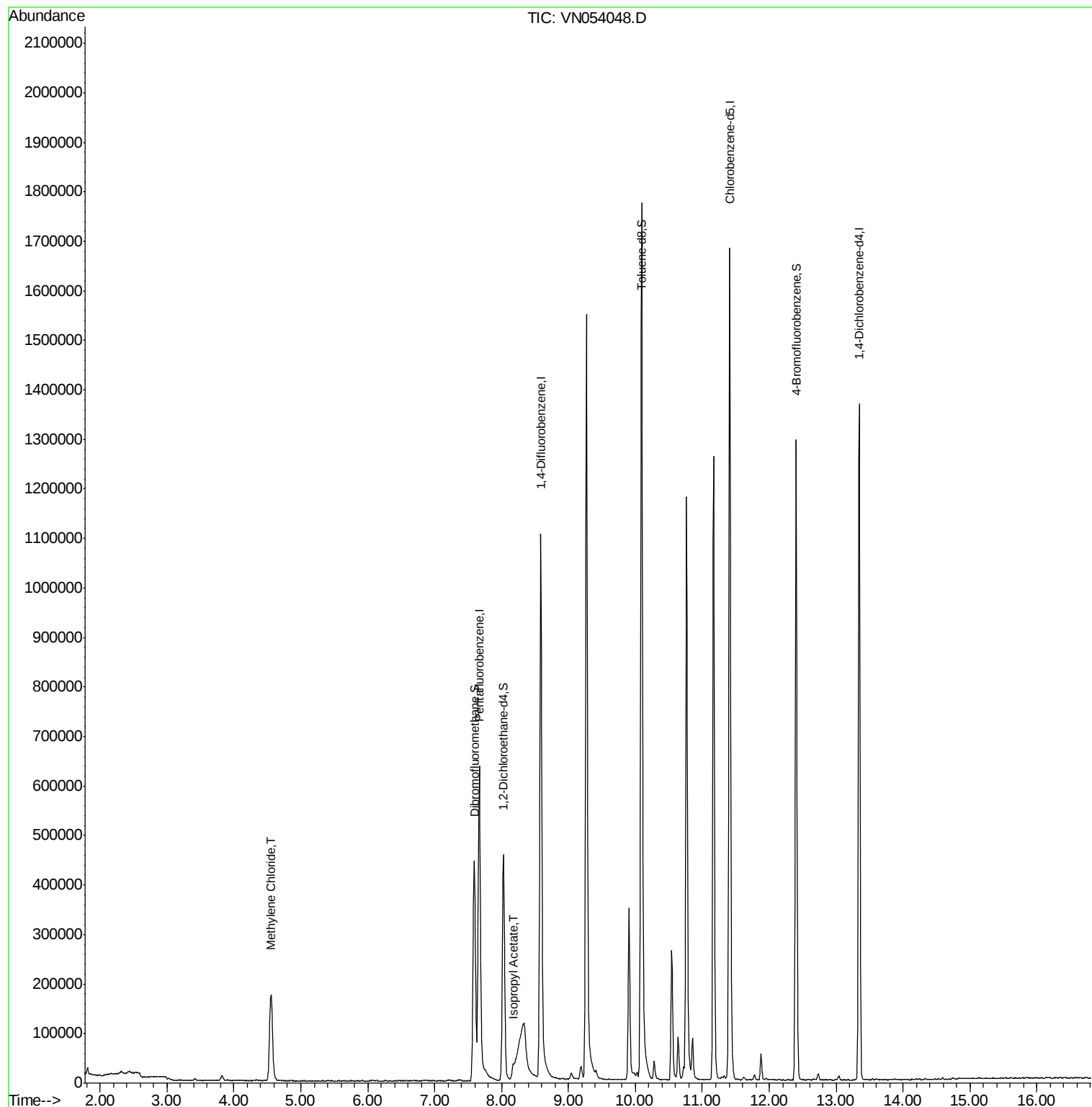
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	573228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1090464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1061696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	380619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	388967	57.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.78%	
35) Dibromofluoromethane	7.59	113	345173	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	10.09	98	1375959	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.40	95	452104	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
Target Compounds						
20) Methylene Chloride	4.56	84	134816	20.272	ug/l	91
43) Isopropyl Acetate	8.17	43	32820	2.684	ug/l #	91

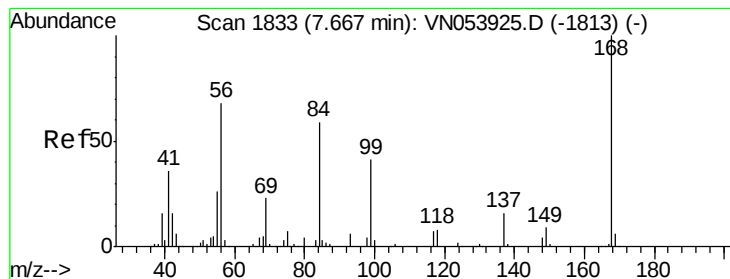
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054048.D

Acq: 1 Mar 2019 23:42

Instrument :

MSVOA_N

ClientSampled :

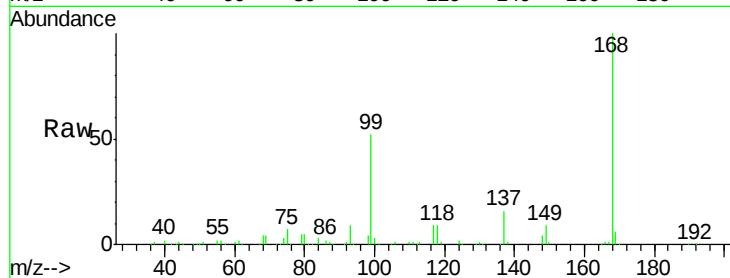
Z-3-14-A

Tot Ion:168 Resp: 573228

Ion Ratio Lower Upper

168 100

99 52.1 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

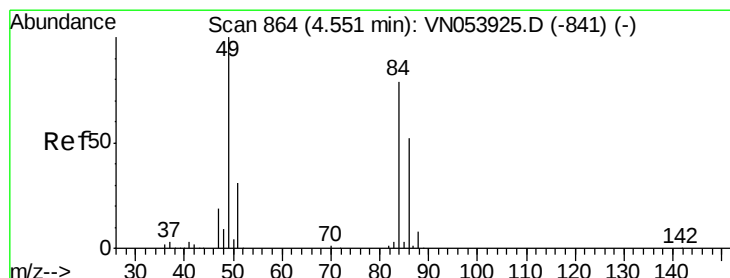
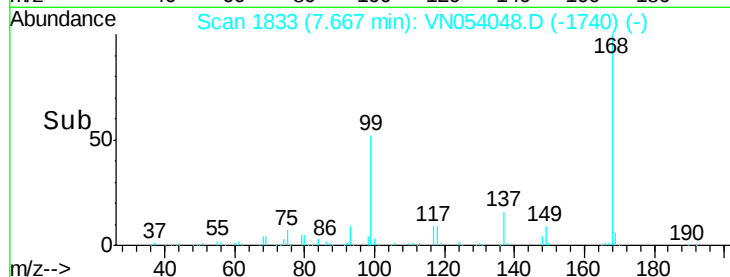
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 20.272 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN054048.D

Acq: 1 Mar 2019 23:42

Tgt Ion: 84 Resp: 134816

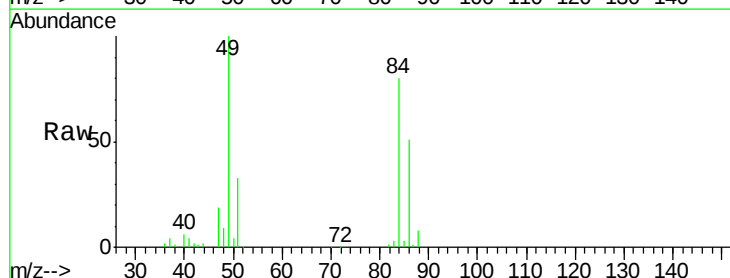
Ion Ratio Lower Upper

84 100

49 125.3 89.7 134.5

51 41.5 27.8 41.8

86 63.8 51.3 76.9



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

80000

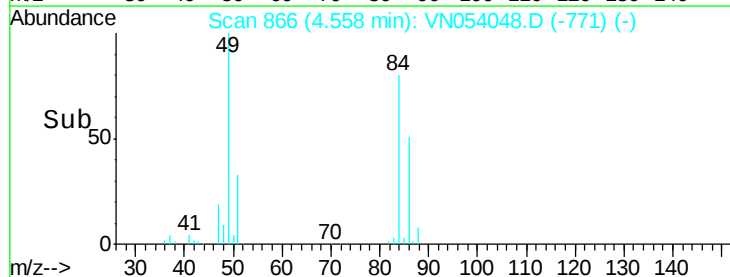
60000

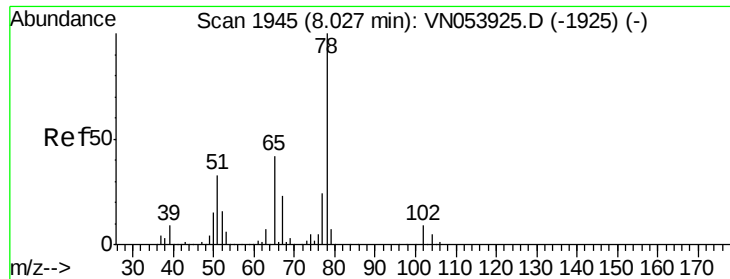
40000

20000

0

Time-->

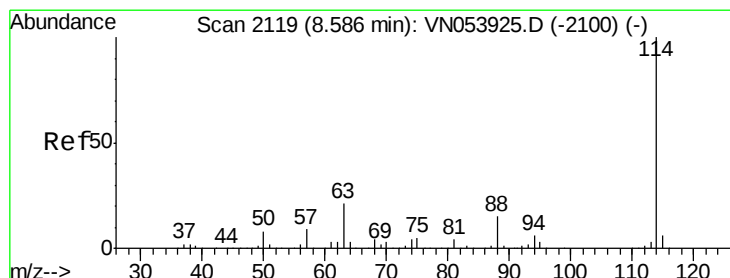
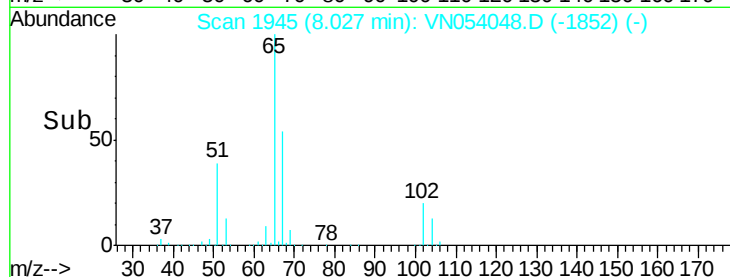
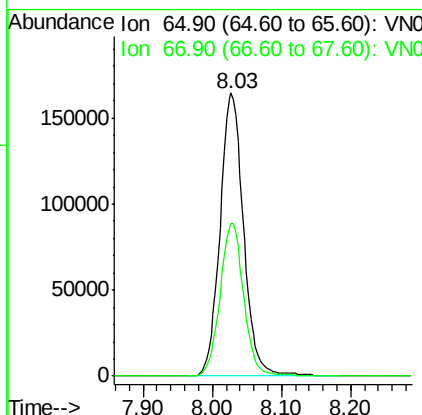
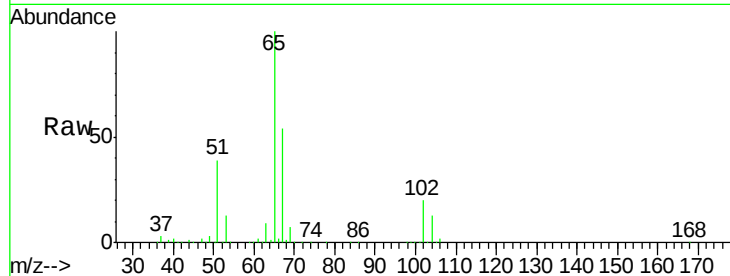




#33
 1,2-Dichloroethane-d4
 Concen: 57.886 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054048.D
 Acq: 1 Mar 2019 23:42

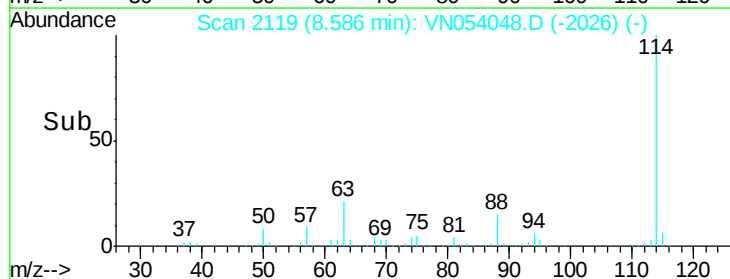
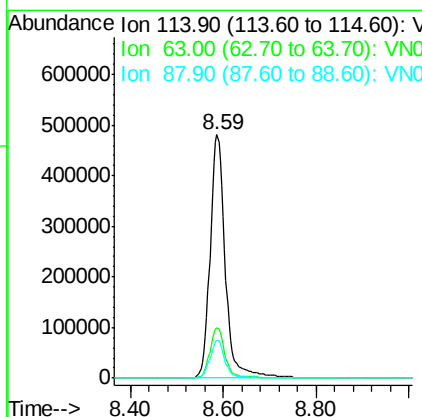
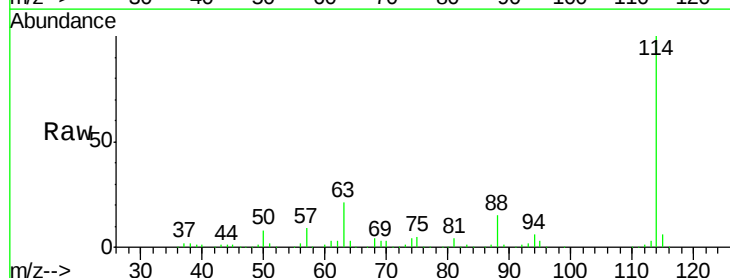
Instrument :
 MSVOA_N
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 Z-3-14-A

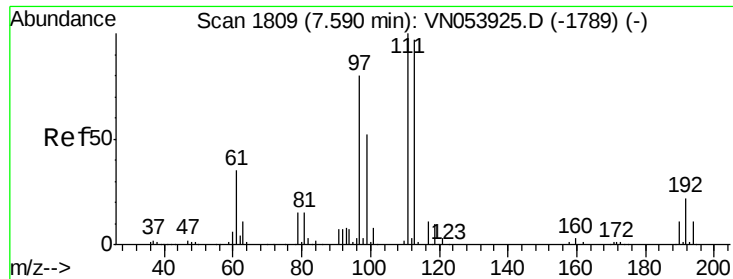
Tot Ion: 65 Resp: 388967
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054048.D
 Acq: 1 Mar 2019 23:42

Tgt Ion: 114 Resp: 1090464
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.5 0.0 30.4

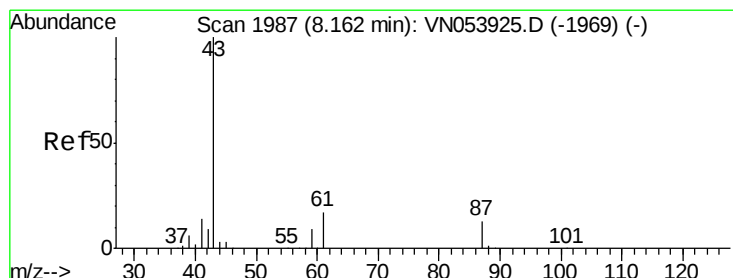
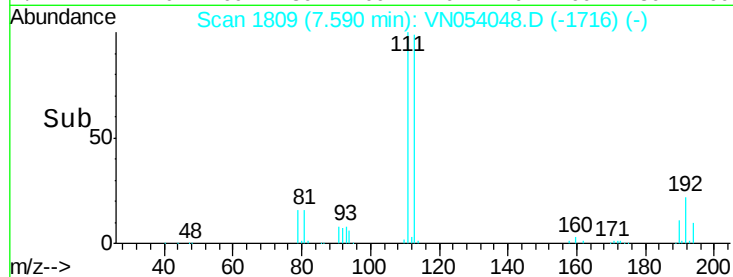
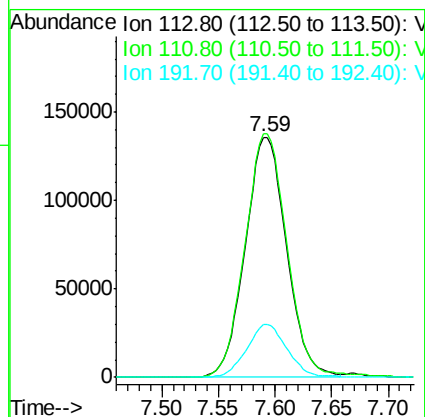
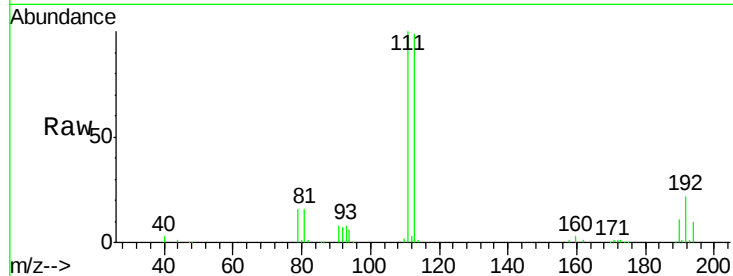




#35
 Dibromofluoromethane
 Concen: 48.950 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054048.D
 Acq: 1 Mar 2019 23:42

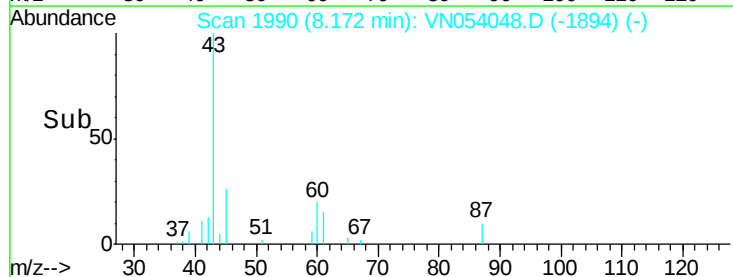
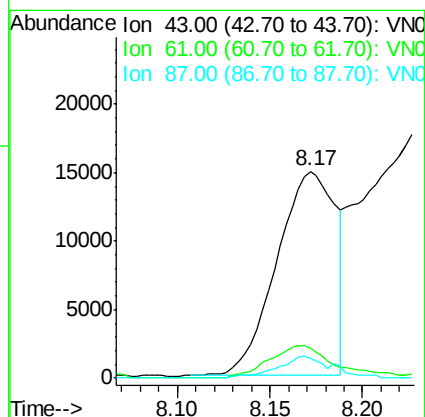
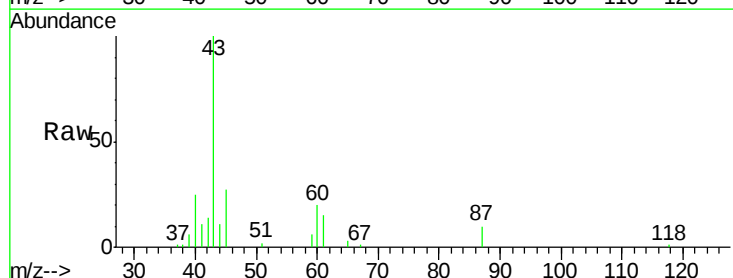
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-14-A

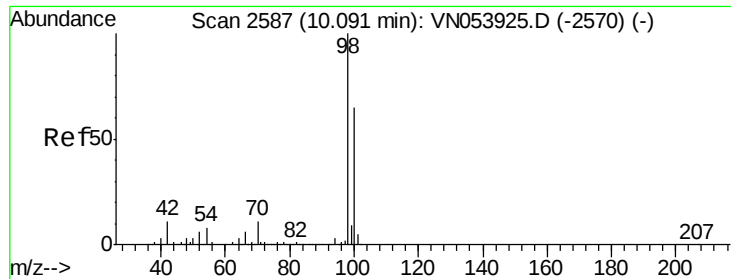
Tot Ion:113 Resp: 345173
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.1 121.7
 192 21.5 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.684 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054048.D
 Acq: 1 Mar 2019 23:42

Tgt Ion: 43 Resp: 32820
 Ion Ratio Lower Upper
 43 100
 61 17.9 17.4 26.0
 87 10.0 11.5 17.3#





#50

Toluene-d8

Concen: 52.418 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054048.D

Acq: 1 Mar 2019 23:42

Instrument :

MSVOA_N

ClientSampleId :

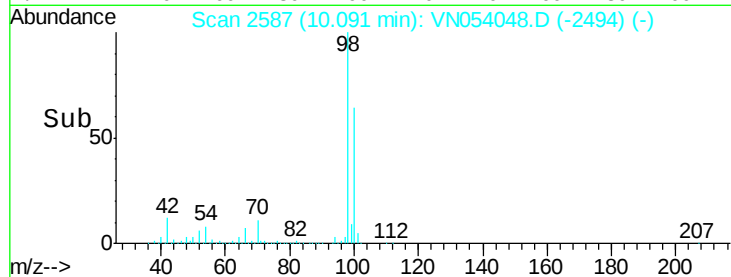
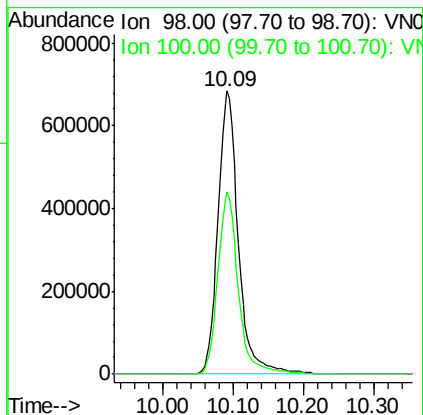
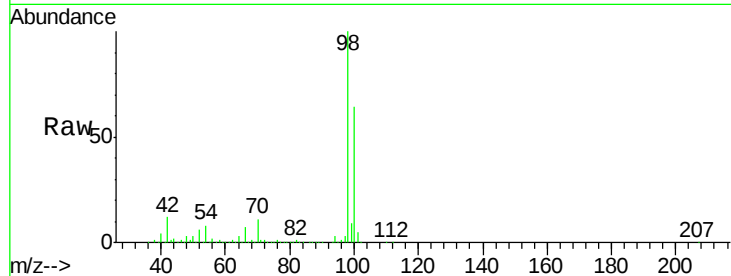
Z-3-14-A

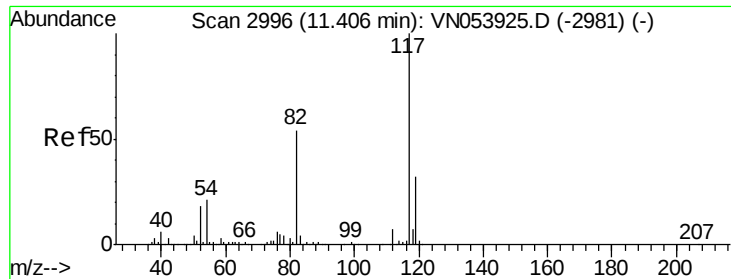
Tot Ion: 98 Resp: 1375959

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054048.D

Acq: 1 Mar 2019 23:42

Instrument :

MSVOA_N

ClientSampleId :

Z-3-14-A

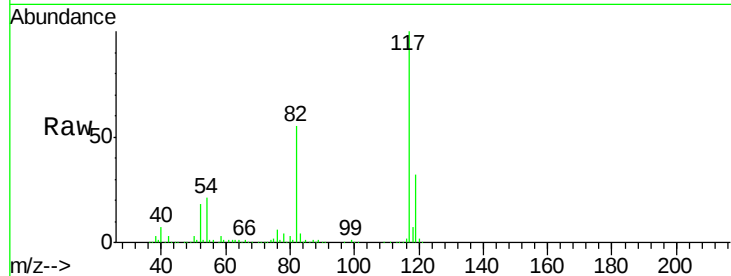
Tot Ion:117 Resp: 1061696

Ion Ratio Lower Upper

117 100

82 55.0 41.4 62.2

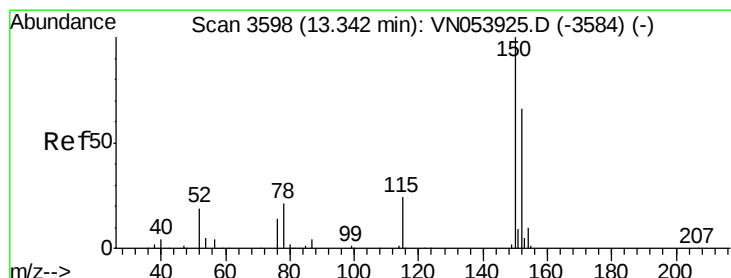
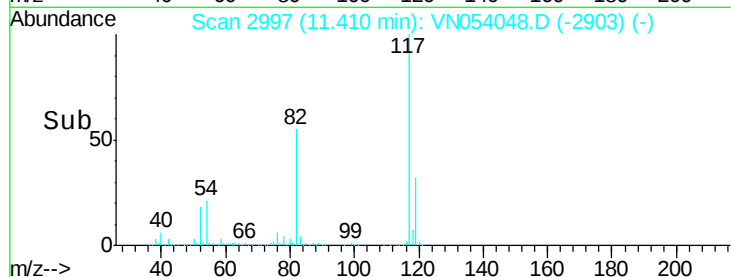
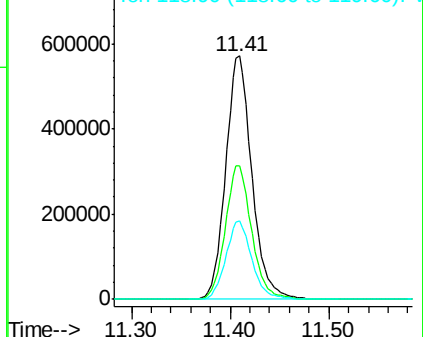
119 32.0 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054048.D

Acq: 1 Mar 2019 23:42

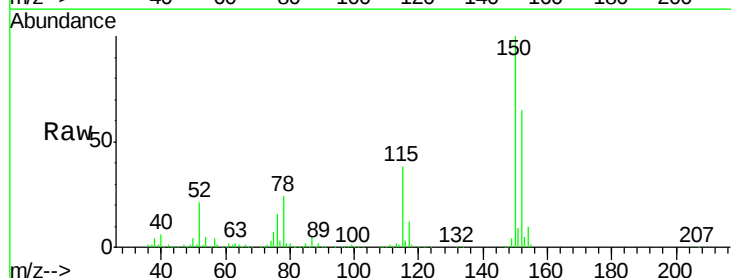
Tgt Ion:152 Resp: 380619

Ion Ratio Lower Upper

152 100

115 57.7 27.2 81.6

150 155.7 0.0 348.2



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

