

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054046.D
 Acq On : 1 Mar 2019 22:49
 Operator : JC/SP
 Sample : K1675-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-1-B

Quant Time: Mar 02 05:50:26 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

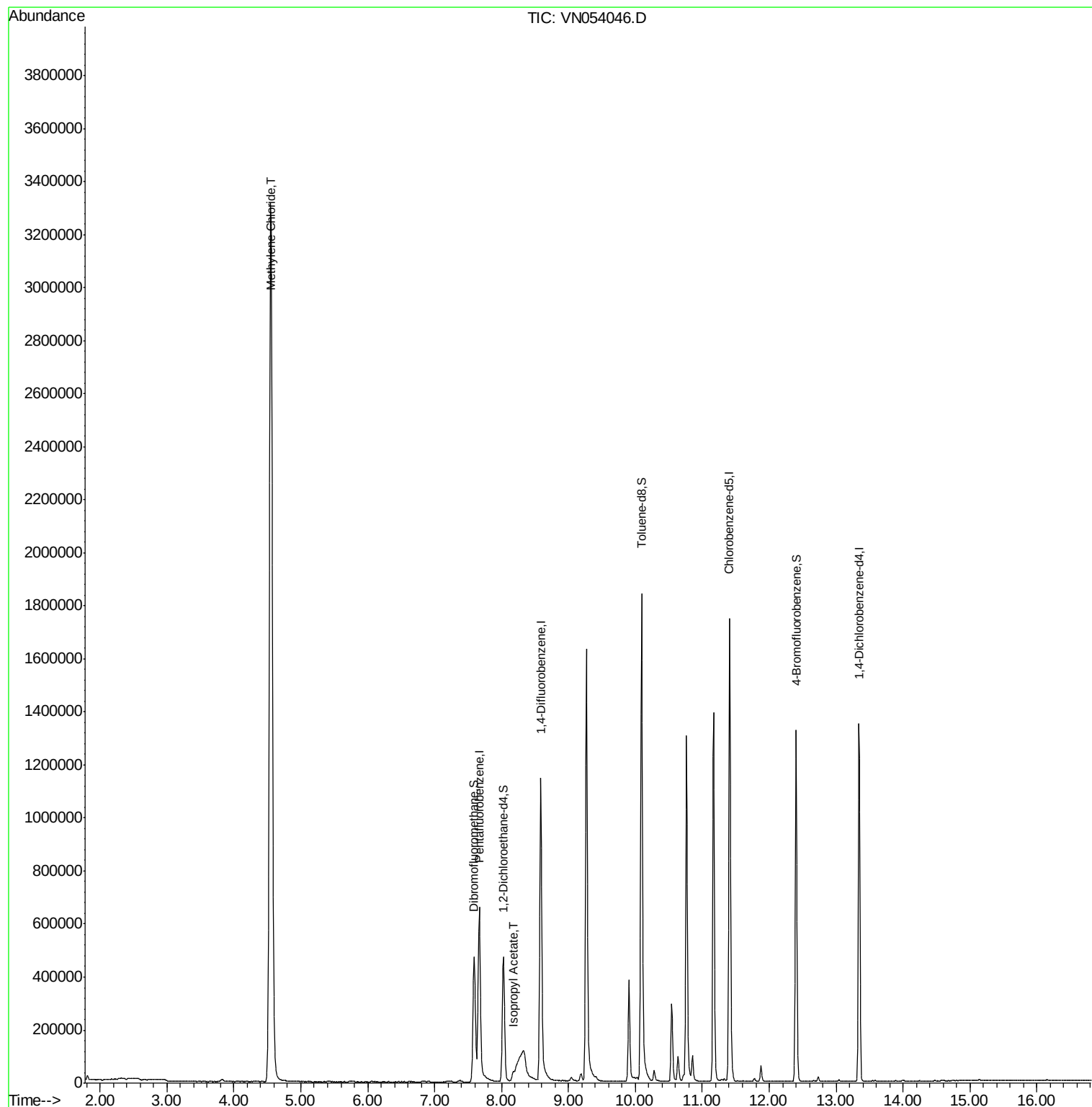
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	599051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1131153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1093557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	378549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	406631	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
35) Dibromofluoromethane	7.59	113	370502	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.09	98	1432304	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.40	95	466012	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
Target Compounds						
20) Methylene Chloride	4.55	84	2511732	361.396	ug/l	90
43) Isopropyl Acetate	8.17	43	40883	3.224	ug/l #	85

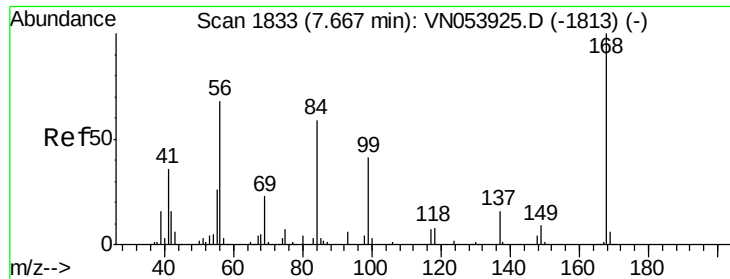
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054046.D

Acq: 1 Mar 2019 22:49

Instrument :

MSVOA_N

ClientSampled :

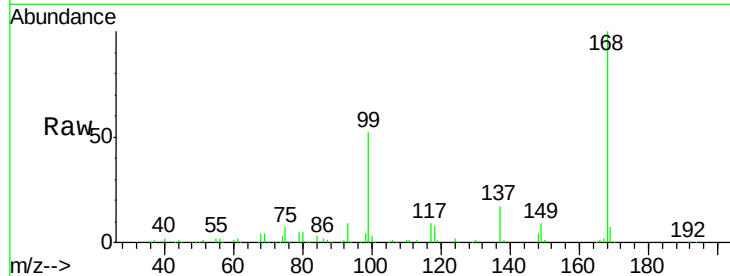
Z-3-1-B

Tot Ion:168 Resp: 599051

Ion Ratio Lower Upper

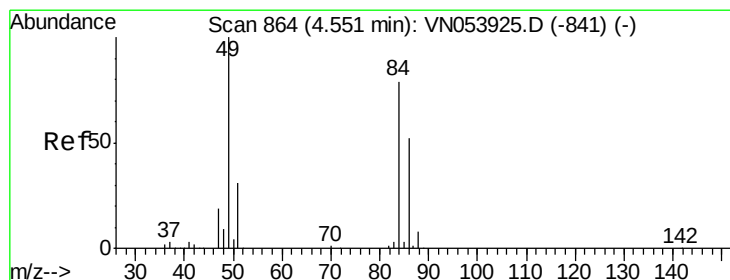
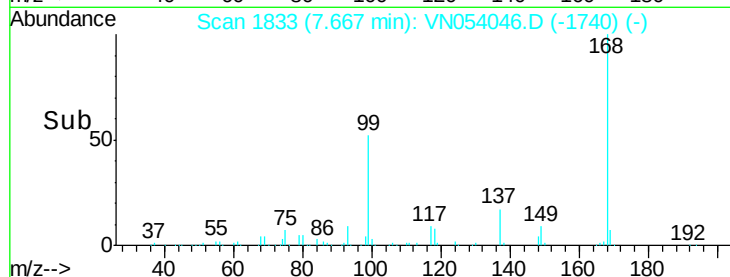
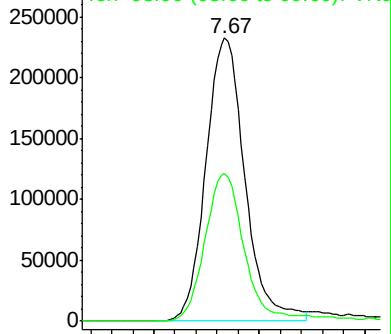
168 100

99 52.2 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 361.396 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054046.D

Acq: 1 Mar 2019 22:49

Tgt Ion: 84 Resp: 2511732

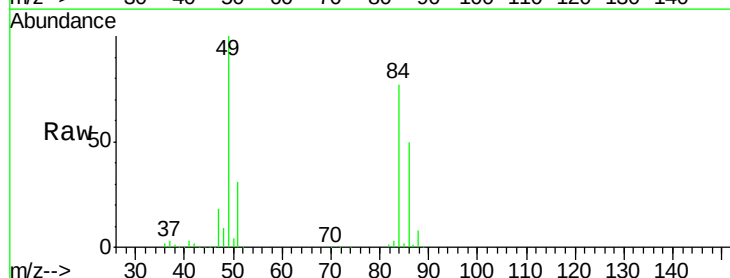
Ion Ratio Lower Upper

84 100

49 129.5 89.7 134.5

51 39.6 27.8 41.8

86 64.6 51.3 76.9

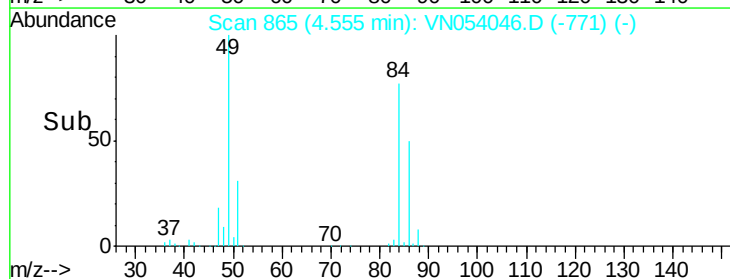
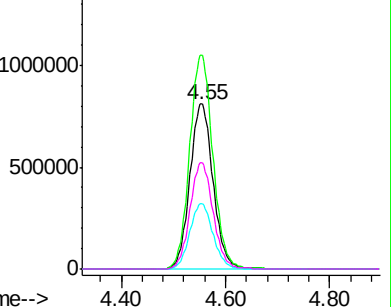


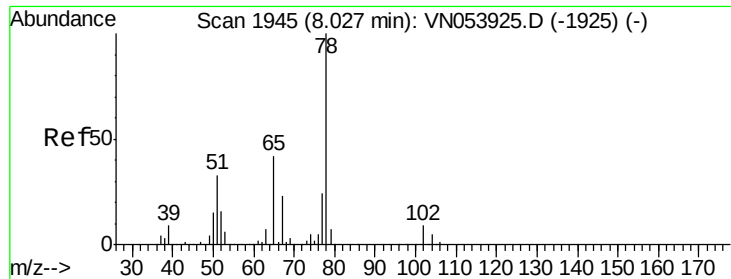
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

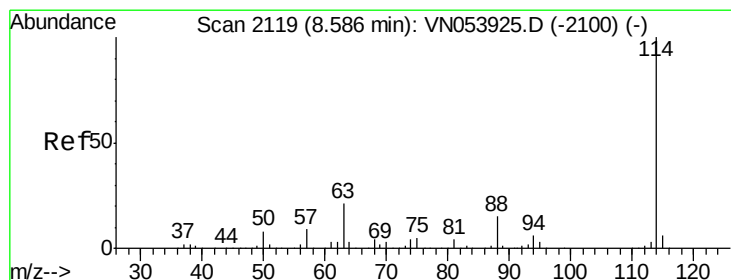
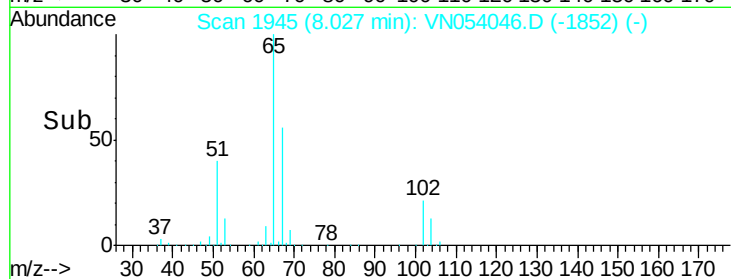
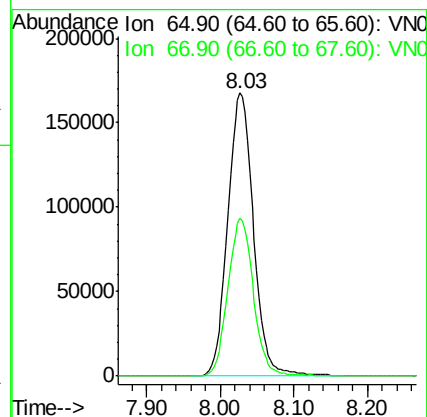
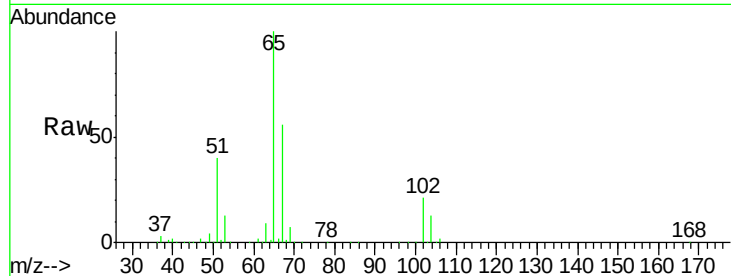




#33
 1,2-Dichloroethane-d4
 Concen: 57.906 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054046.D
 Acq: 1 Mar 2019 22:49

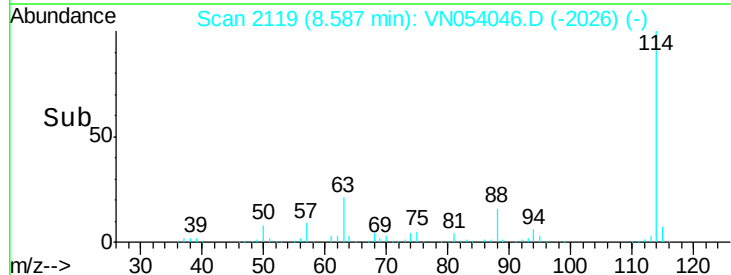
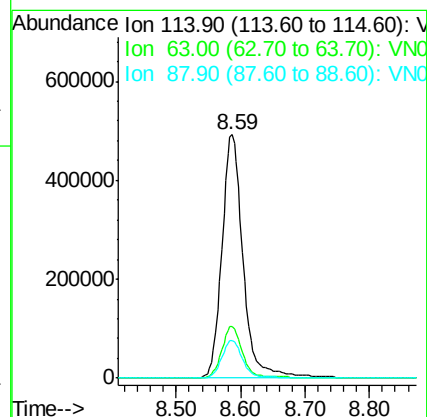
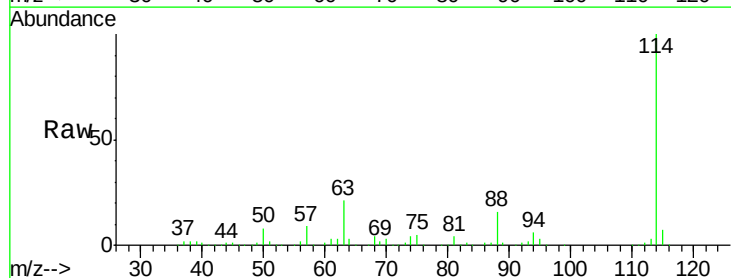
Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-1-B

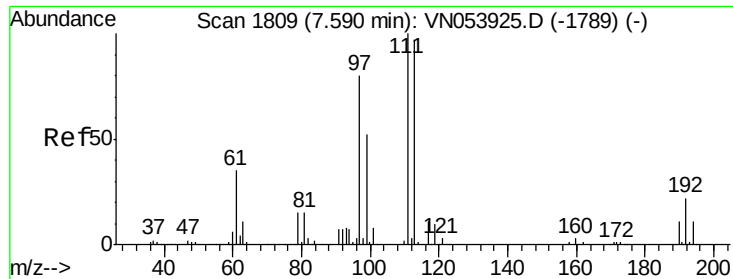
Tot Ion: 65 Resp: 406631
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054046.D
 Acq: 1 Mar 2019 22:49

Tgt Ion: 114 Resp: 1131153
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 37.4
 88 15.6 0.0 30.4

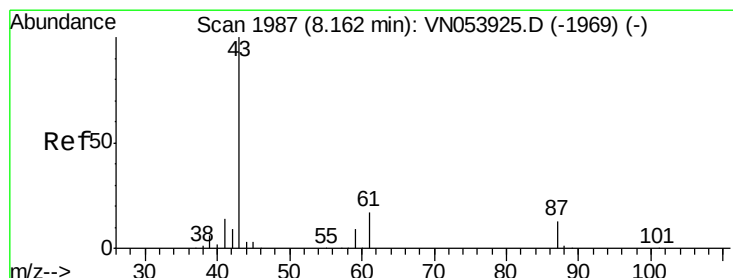
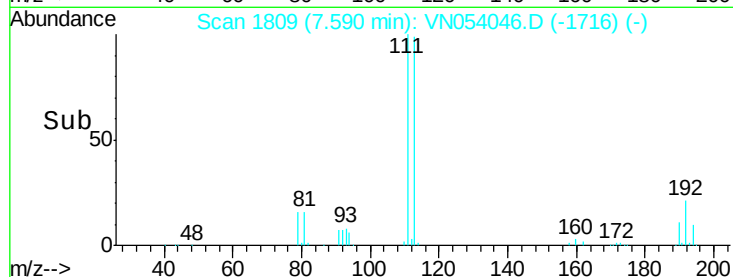
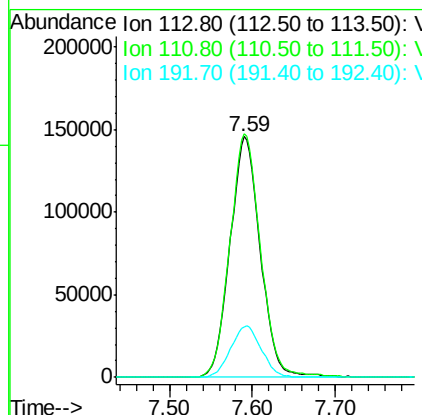
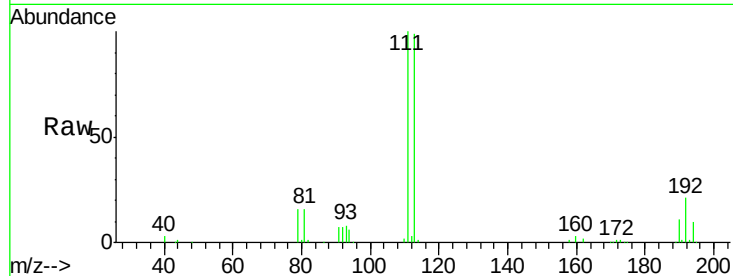




#35
 Dibromofluoromethane
 Concen: 50.652 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054046.D
 Acq: 1 Mar 2019 22:49

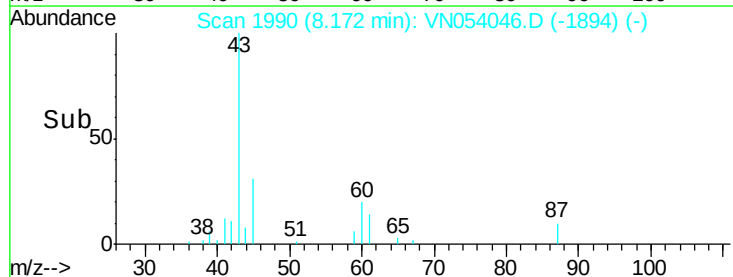
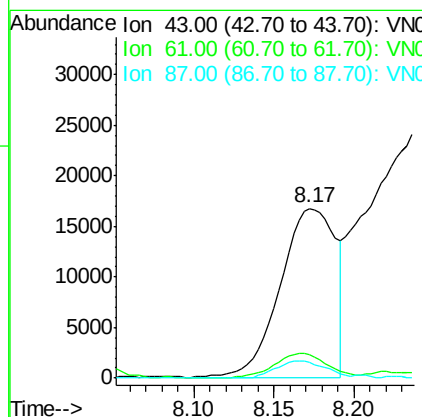
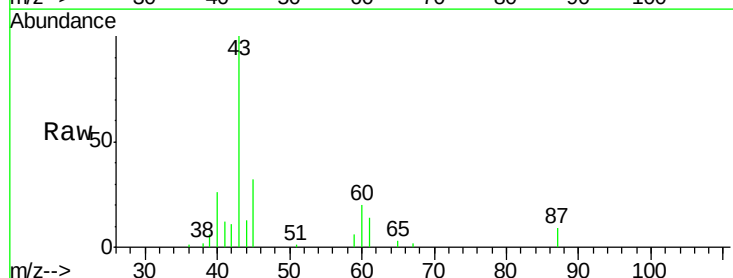
Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-1-B

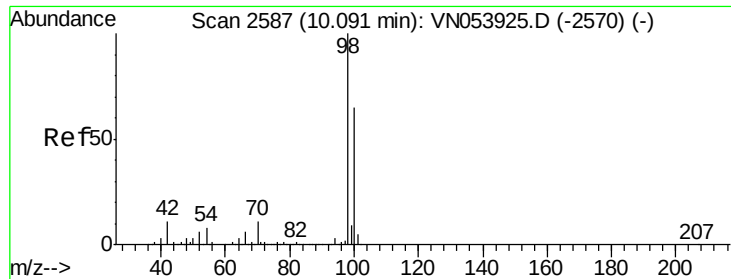
Tot Ion:113 Resp: 370502
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 21.6 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.224 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054046.D
 Acq: 1 Mar 2019 22:49

Tgt Ion: 43 Resp: 40883
 Ion Ratio Lower Upper
 43 100
 61 13.9 17.4 26.0#
 87 8.8 11.5 17.3#





#50

Toluene-d8

Concen: 52.601 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054046.D

Acq: 1 Mar 2019 22:49

Instrument :

MSVOA_N

ClientSampleId :

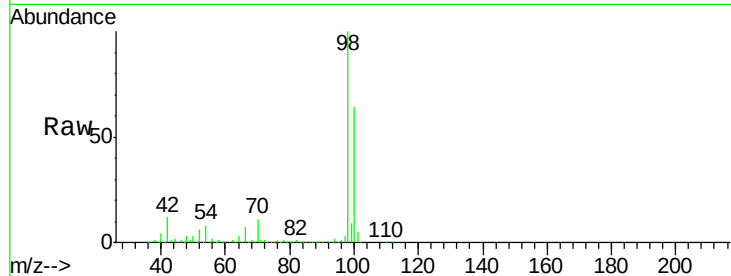
Z-3-1-B

Tot Ion: 98 Resp: 1432304

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)

10.09

800000

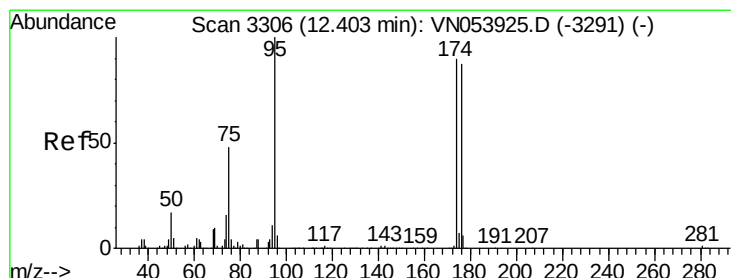
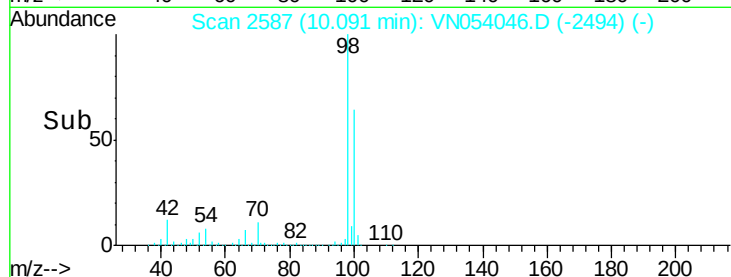
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.368 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054046.D

Acq: 1 Mar 2019 22:49

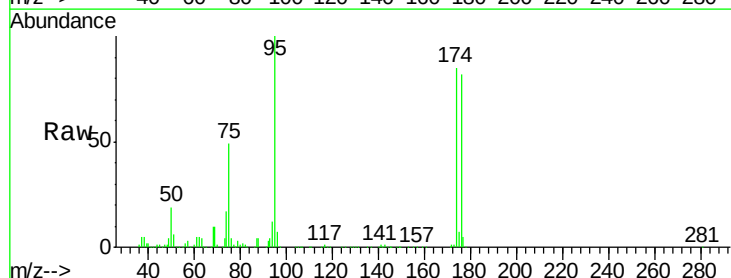
Tgt Ion: 95 Resp: 466012

Ion Ratio Lower Upper

95 100

174 86.4 0.0 188.8

176 82.9 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

12.40

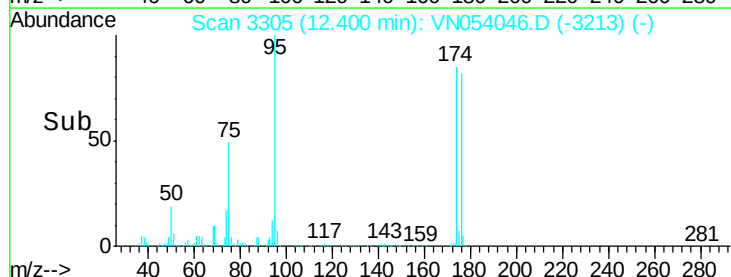
300000

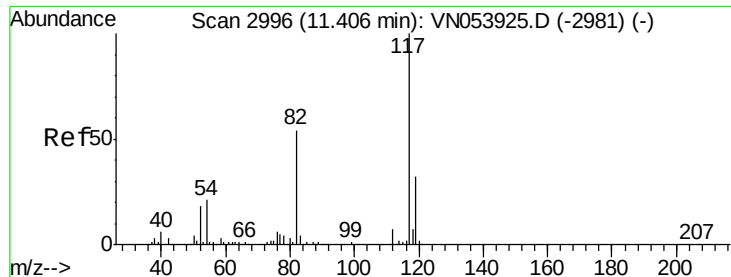
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054046.D

Acq: 1 Mar 2019 22:49

Instrument :

MSVOA_N

ClientSampleId :

Z-3-1-B

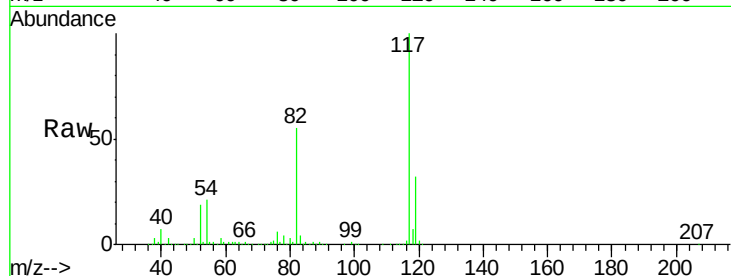
Tot Ion:117 Resp: 1093557

Ion Ratio Lower Upper

117 100

82 54.5 41.4 62.2

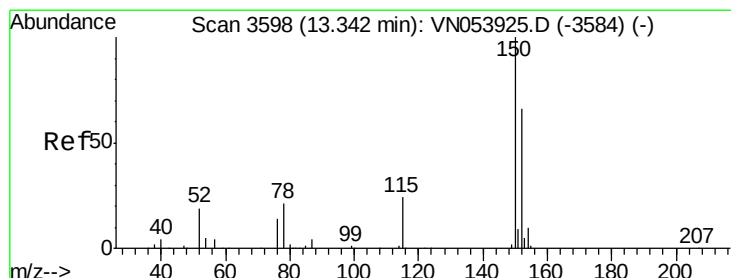
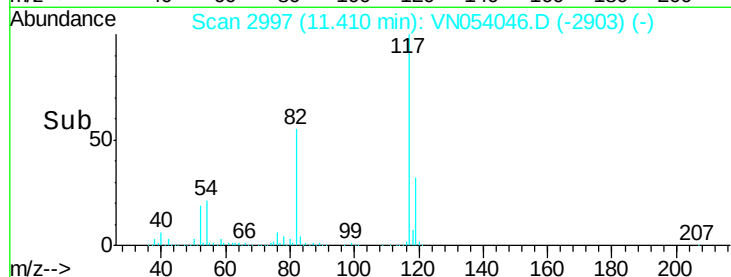
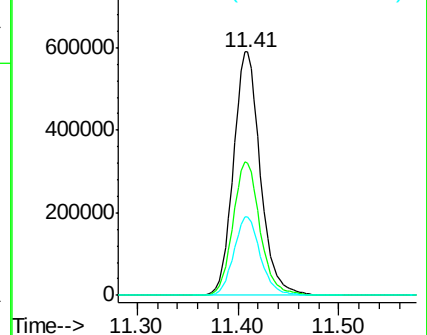
119 32.5 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN054046.D

Acq: 1 Mar 2019 22:49

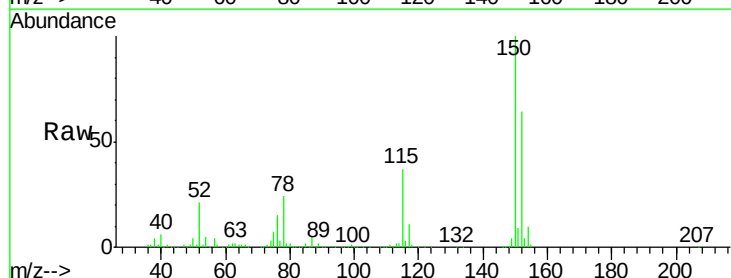
Tgt Ion:152 Resp: 378549

Ion Ratio Lower Upper

152 100

115 56.8 27.2 81.6

150 156.2 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

