

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054038.D
 Acq On : 1 Mar 2019 19:15
 Operator : JC/SP
 Sample : K1665-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200051

Quant Time: Mar 02 05:32:31 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

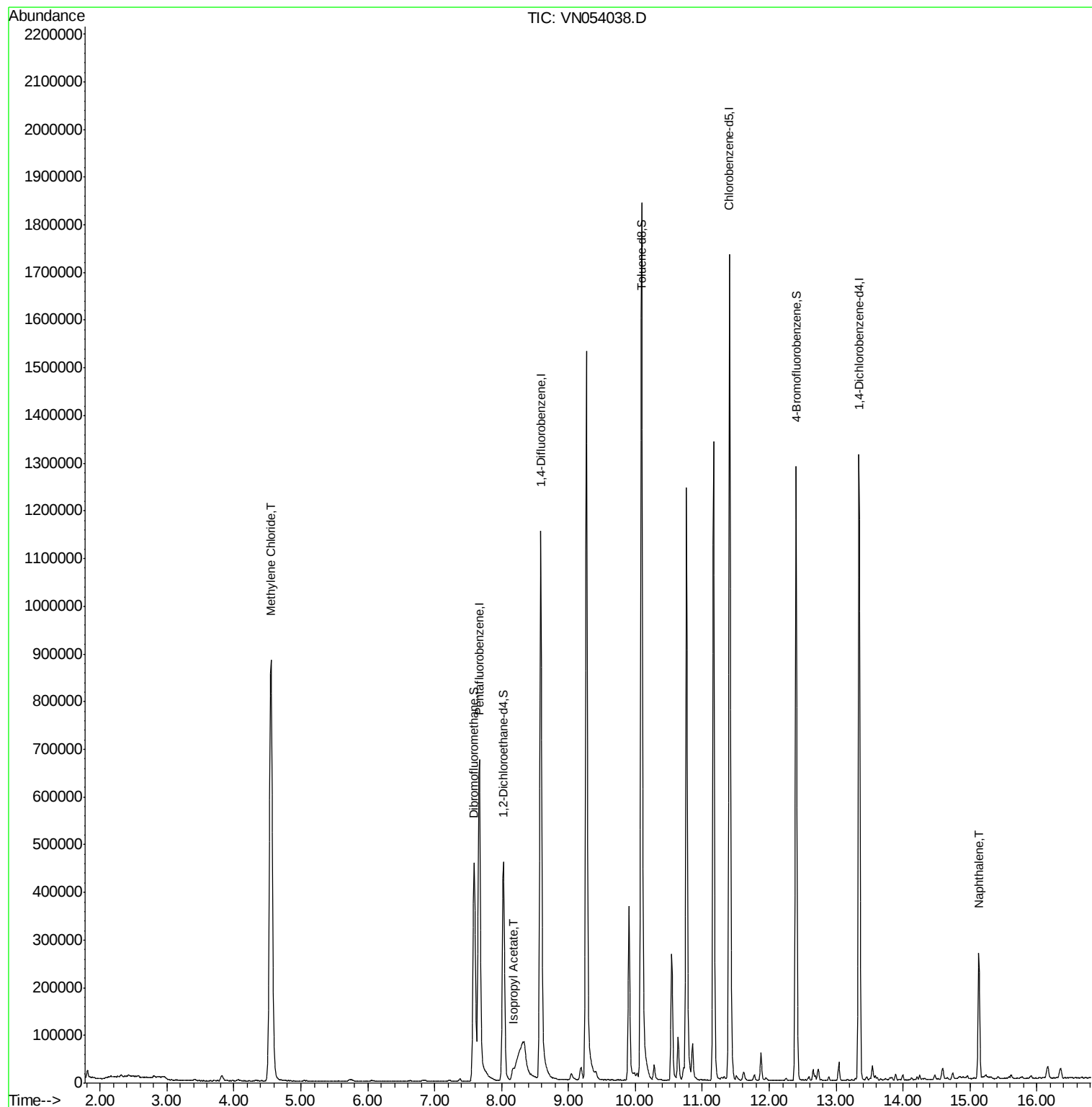
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	627579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1128950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1072987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	370676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	395661	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
35) Dibromofluoromethane	7.59	113	358084	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.09	98	1432791	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.40	95	454054	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
Target Compounds						
20) Methylene Chloride	4.55	84	669215	91.912	ug/l	91
43) Isopropyl Acetate	8.17	43	33910	2.679	ug/l #	89
95) Naphthalene	15.13	128	228357	17.771	ug/l	100

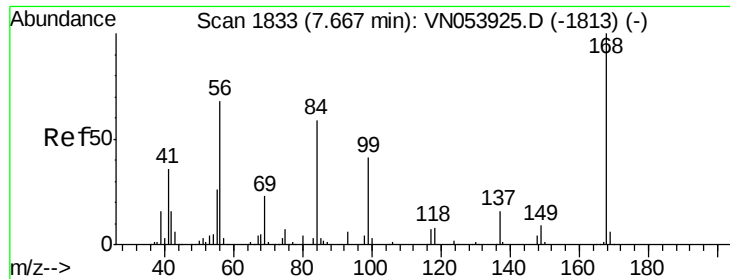
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054038.D

Acq: 1 Mar 2019 19:15

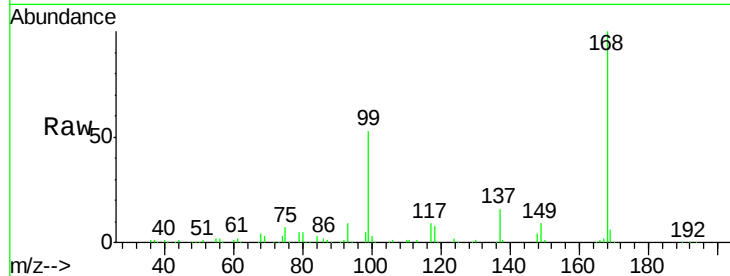
Instrument :
MSVOA_N
ClientSampleId :
200051

Tot Ion:168 Resp: 627579

Ion Ratio Lower Upper

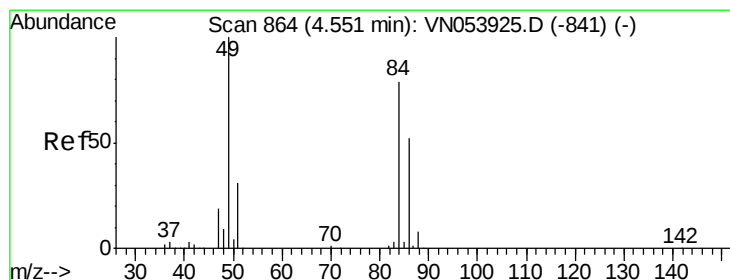
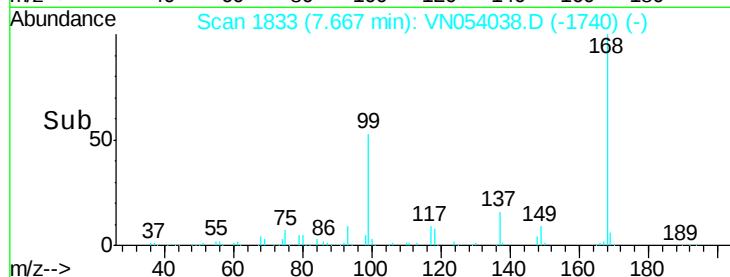
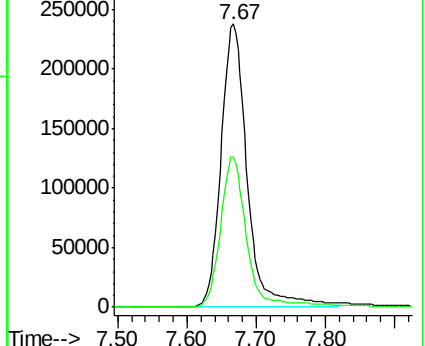
168 100

99 53.2 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: 91.912 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN054038.D

Acq: 1 Mar 2019 19:15

Tgt Ion: 84 Resp: 669215

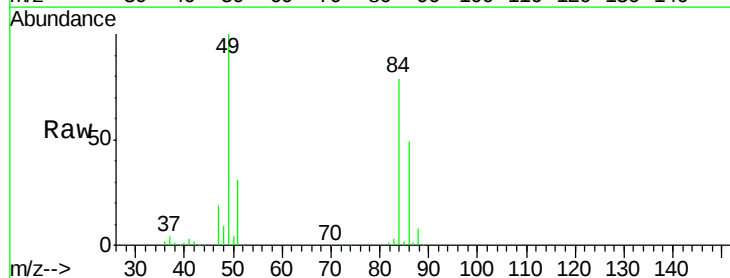
Ion Ratio Lower Upper

84 100

49 126.1 89.7 134.5

51 38.6 27.8 41.8

86 62.4 51.3 76.9

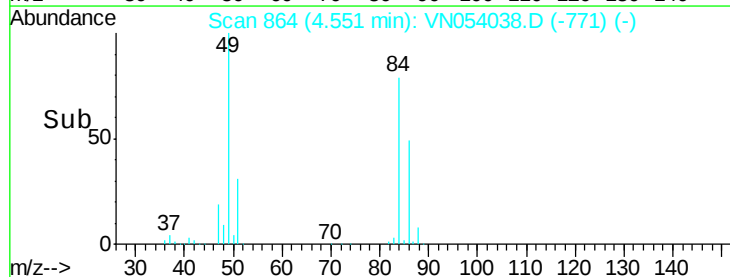
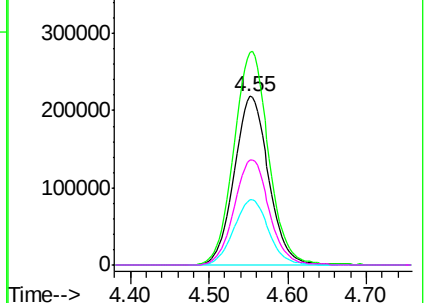


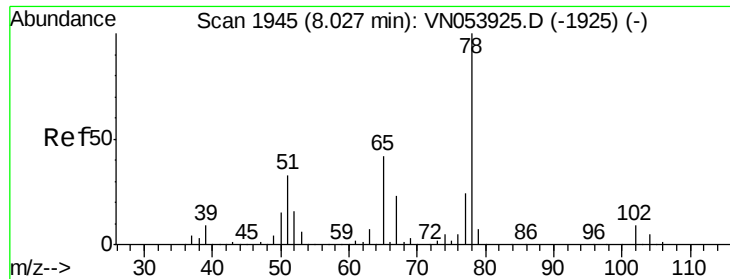
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

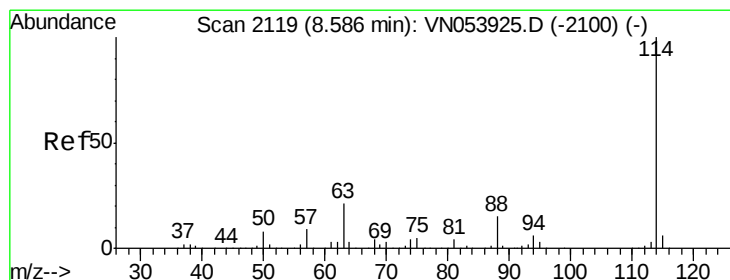
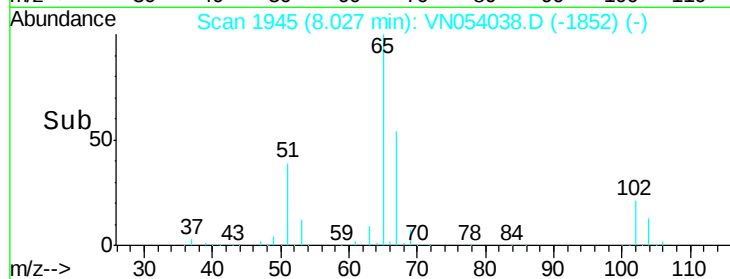
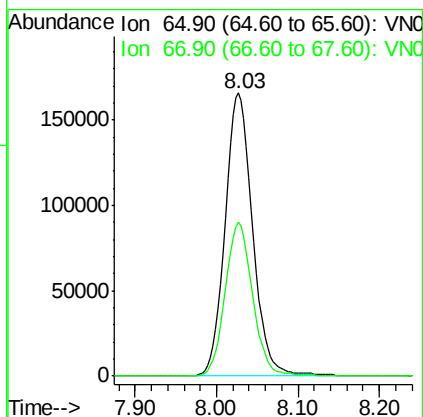
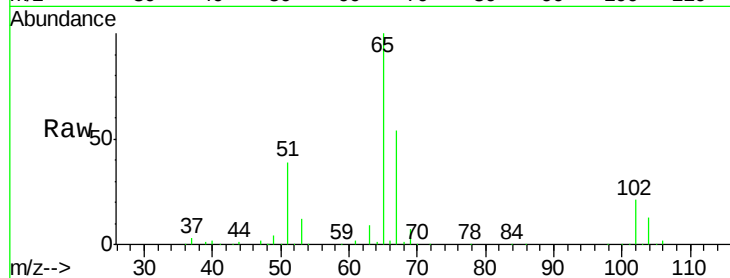




#33
 1,2-Dichloroethane-d4
 Concen: 53.783 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054038.D
 Acq: 1 Mar 2019 19:15

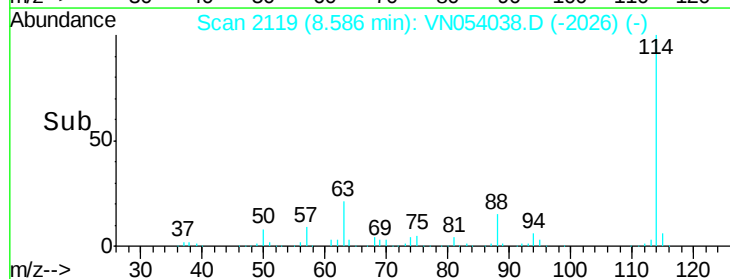
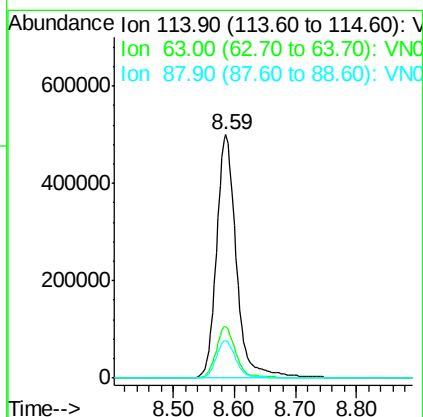
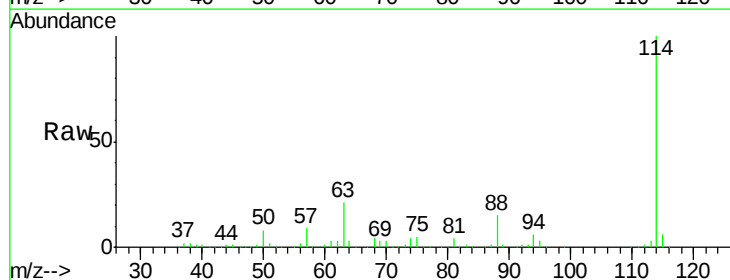
Instrument :
 MSVOA_N
 ClientSampled :
 200051

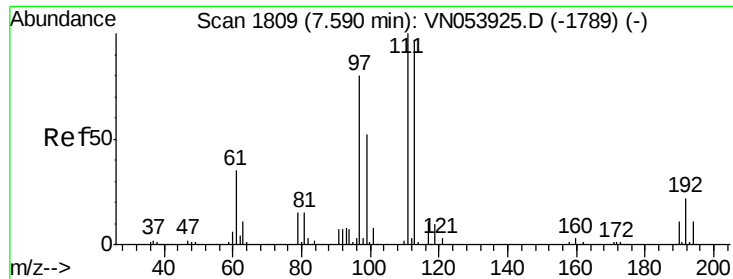
Tot Ion: 65 Resp: 395661
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054038.D
 Acq: 1 Mar 2019 19:15

Tgt Ion: 114 Resp: 1128950
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 37.4
 88 15.3 0.0 30.4

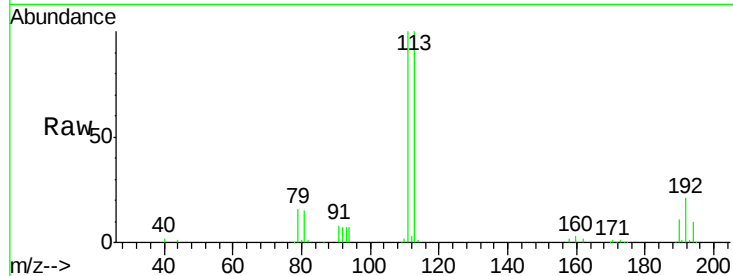




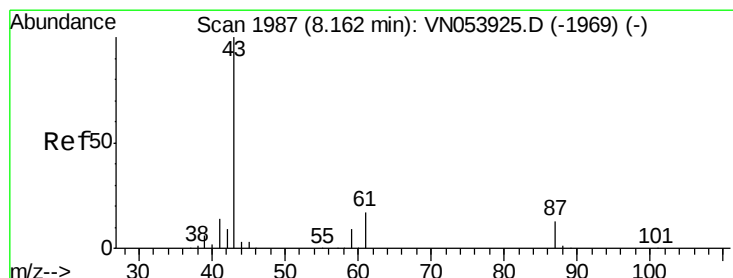
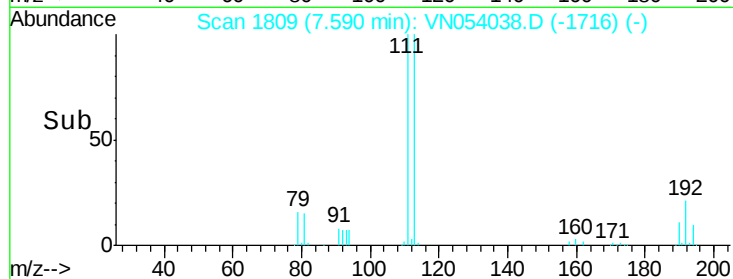
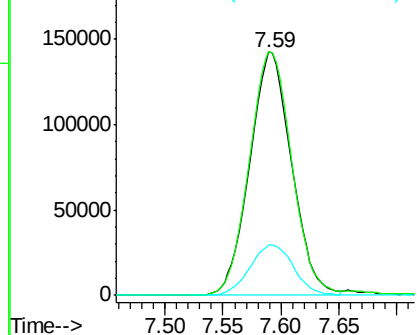
#35
 Dibromofluoromethane
 Concen: 49.050 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054038.D
 Acq: 1 Mar 2019 19:15

Instrument :
 MSVOA_N
 ClientSampled :
 200051

Tot Ion:113 Resp: 358084
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 21.7 18.8 28.2

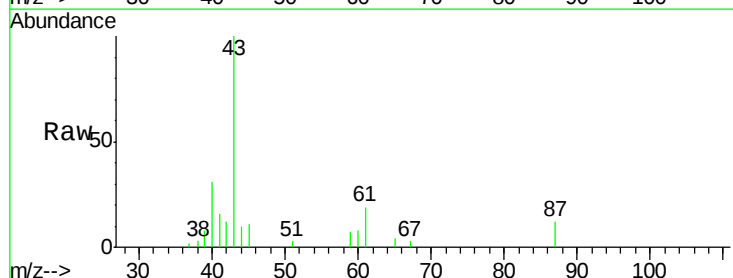


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

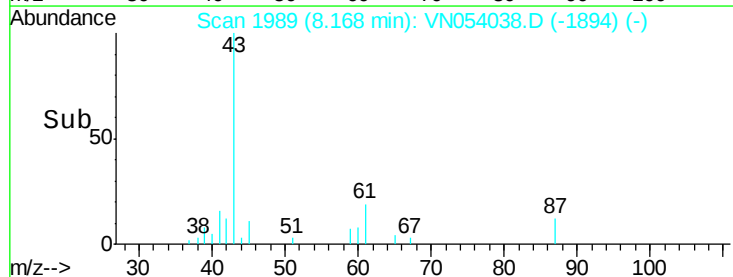
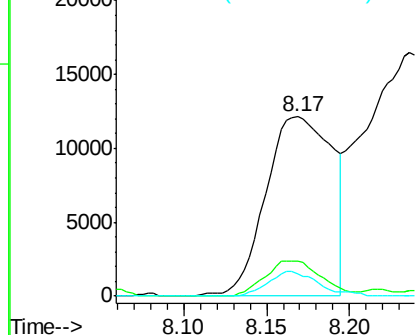


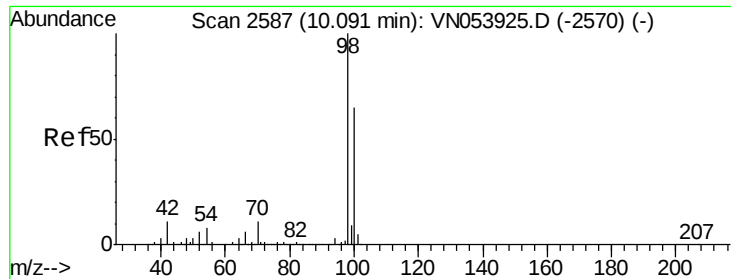
#43
 Isopropyl Acetate
 Concen: 2.679 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN054038.D
 Acq: 1 Mar 2019 19:15

Tgt Ion: 43 Resp: 33910
 Ion Ratio Lower Upper
 43 100
 61 16.4 17.4 26.0#
 87 10.4 11.5 17.3#



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





#50

Toluene-d8

Concen: 52.722 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054038.D

Acq: 1 Mar 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

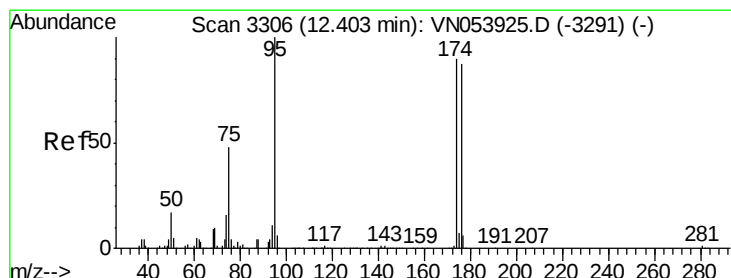
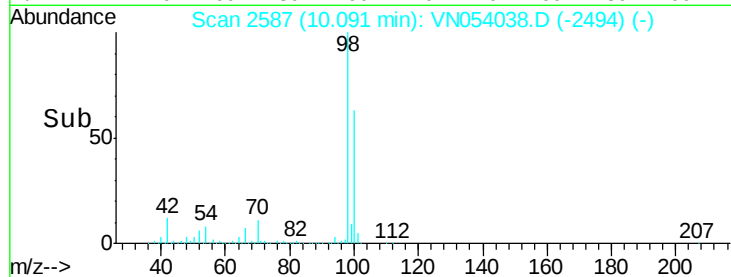
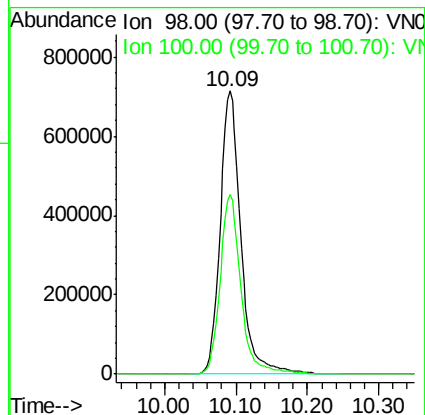
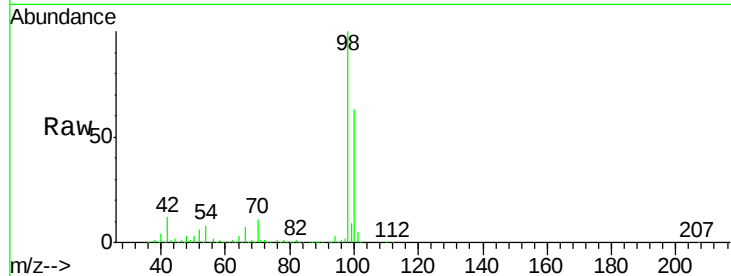
200051

Tot Ion: 98 Resp: 1432791

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 50.148 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN054038.D

Acq: 1 Mar 2019 19:15

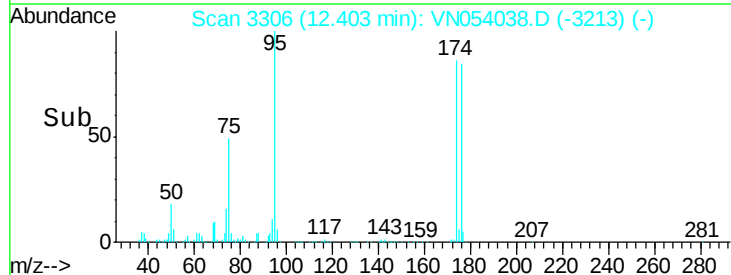
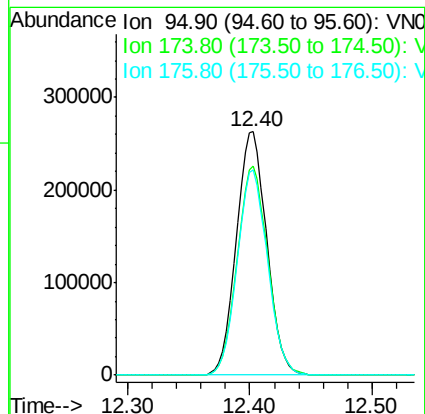
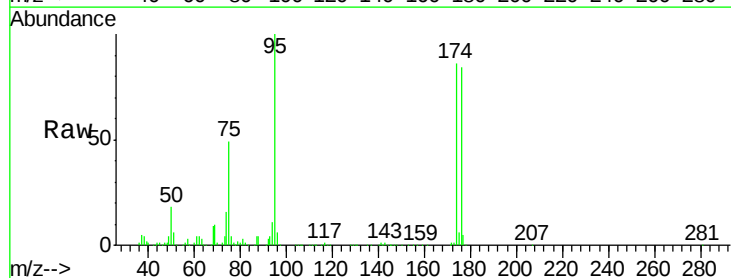
Tgt Ion: 95 Resp: 454054

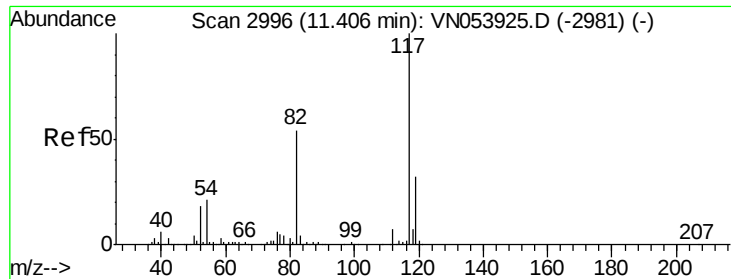
Ion Ratio Lower Upper

95 100

174 86.5 0.0 188.8

176 83.9 0.0 182.6

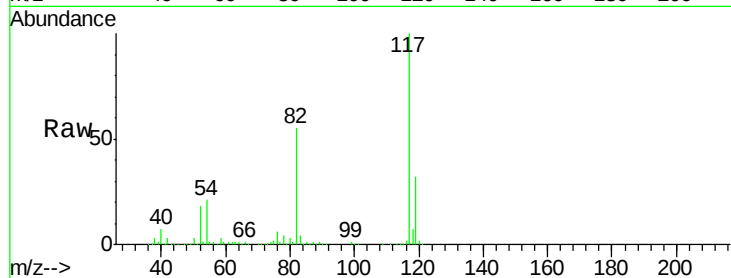




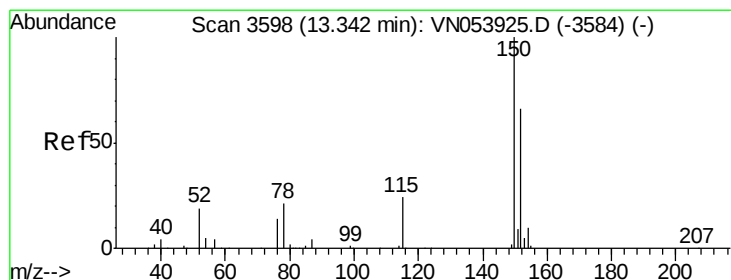
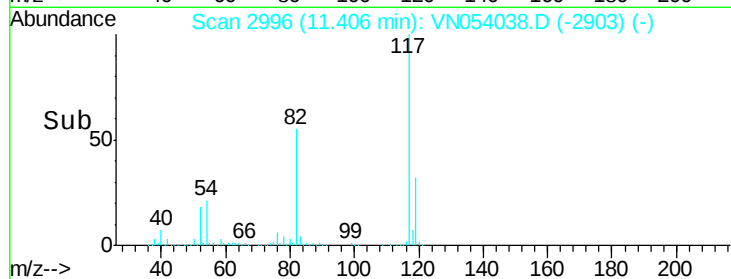
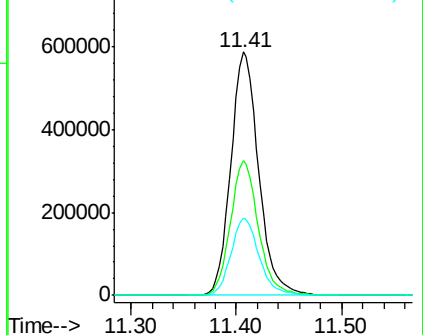
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054038.D
Acq: 1 Mar 2019 19:15

Instrument :
MSVOA_N
ClientSampleId :
200051

Tot Ion:117 Resp: 1072987
Ion Ratio Lower Upper
117 100
82 55.2 41.4 62.2
119 31.6 25.3 37.9

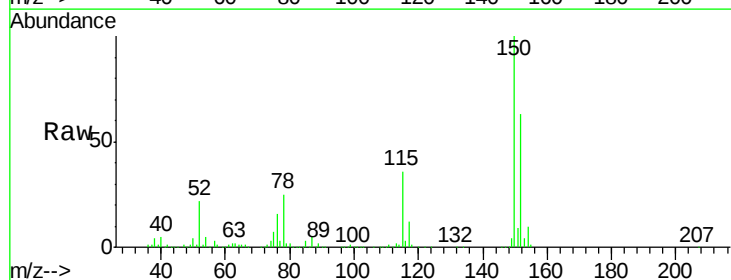


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

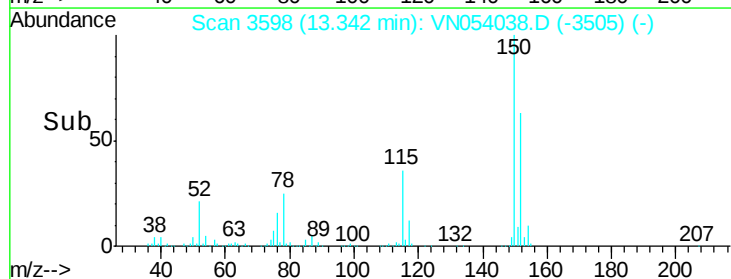
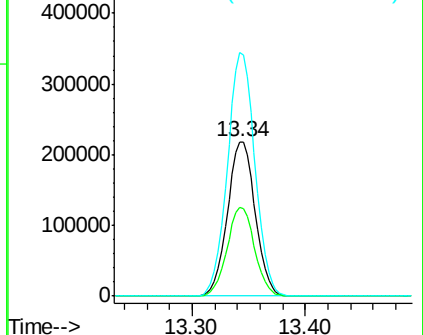


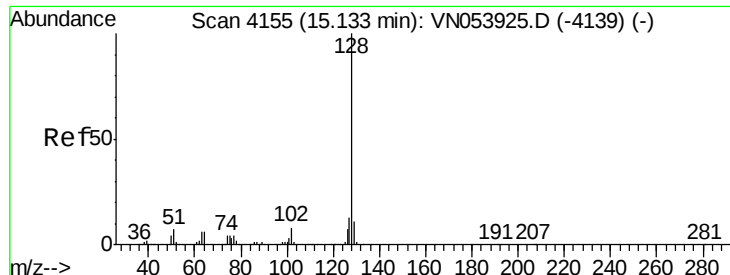
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054038.D
Acq: 1 Mar 2019 19:15

Tgt Ion:152 Resp: 370676
Ion Ratio Lower Upper
152 100
115 57.1 27.2 81.6
150 157.2 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





#95

Naphthalene

Concen: 17.771 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054038.D

Acq: 1 Mar 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

200051

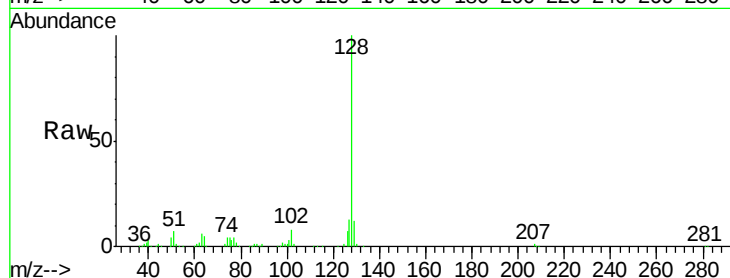
Tot Ion:128 Resp: 228357

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.6 12.8



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

