

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054045.D
 Acq On : 1 Mar 2019 22:22
 Operator : JC/SP
 Sample : K1675-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 02 05:47:55 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

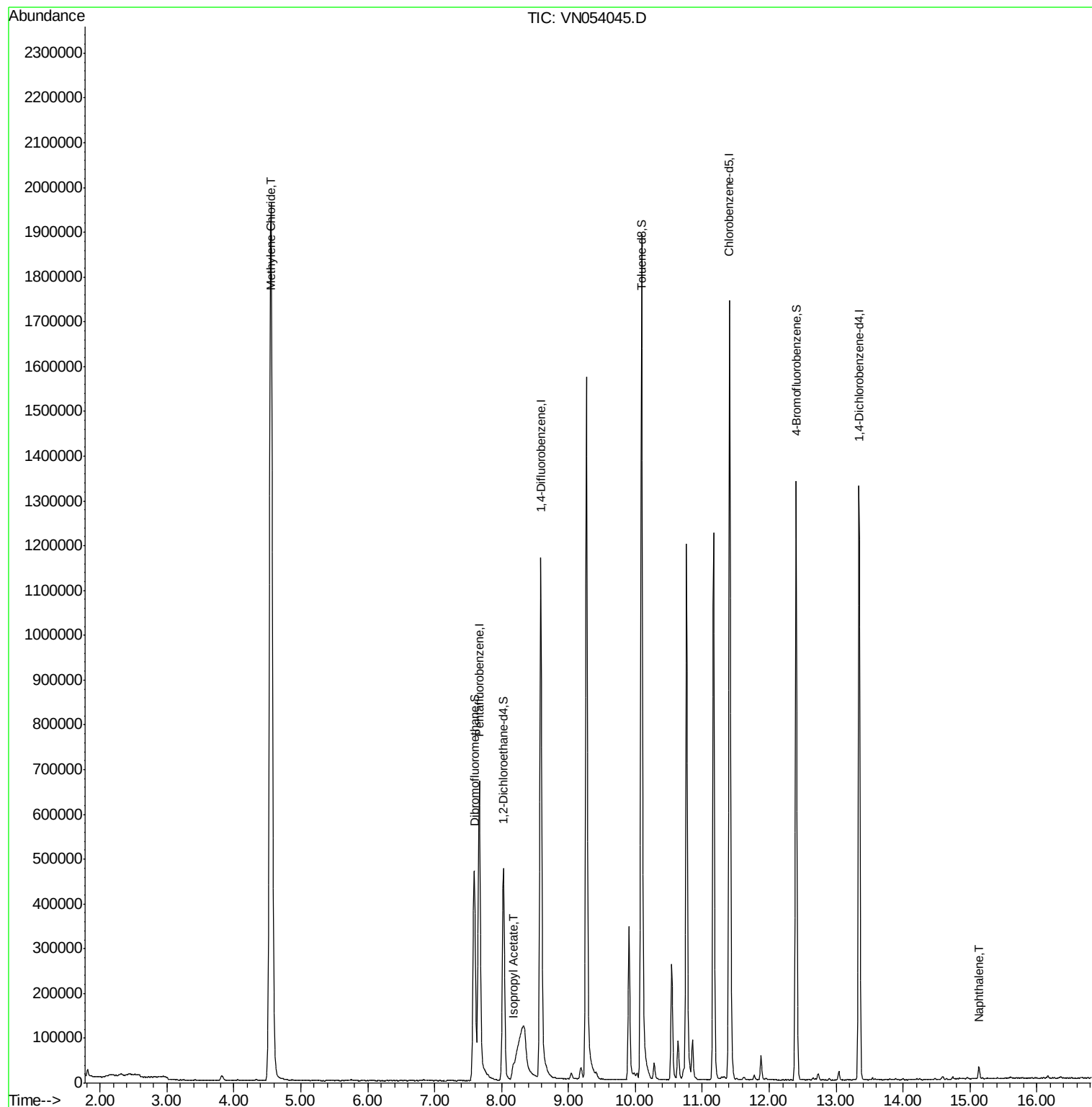
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1151857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1102254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	375491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405545	56.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.14%	
35) Dibromofluoromethane	7.59	113	372307	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	1457433	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.40	95	462809	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
Target Compounds						
20) Methylene Chloride	4.55	84	1476963	206.336	ug/l	89
43) Isopropyl Acetate	8.17	43	41136	3.185	ug/l #	84
95) Naphthalene	15.13	128	21922	4.592	ug/l	98

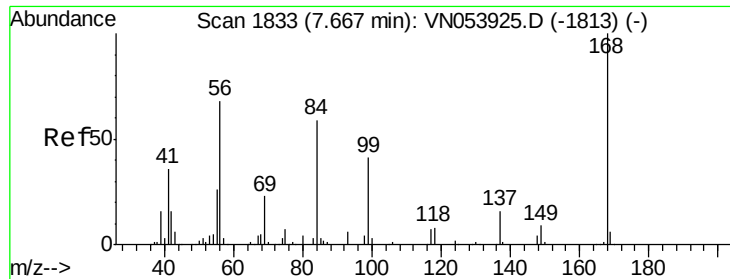
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

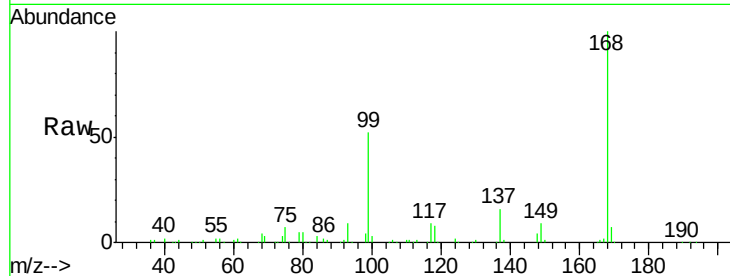
Z-3-1-A

Tot Ion:168 Resp: 616977

Ion Ratio Lower Upper

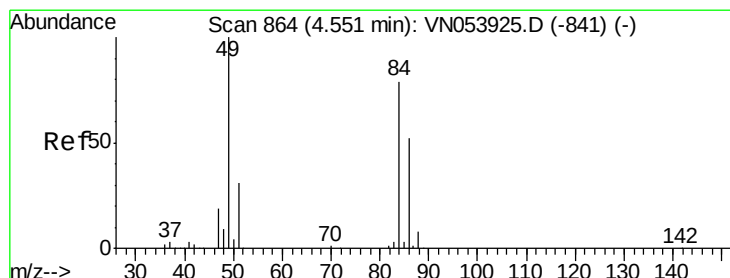
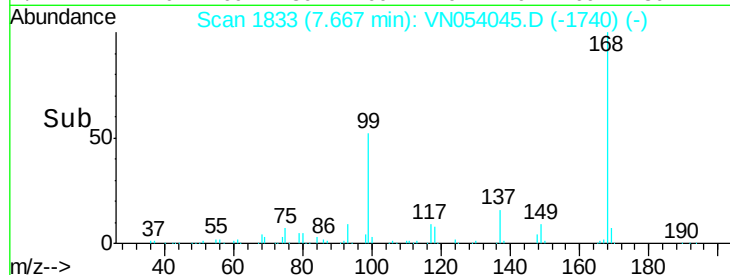
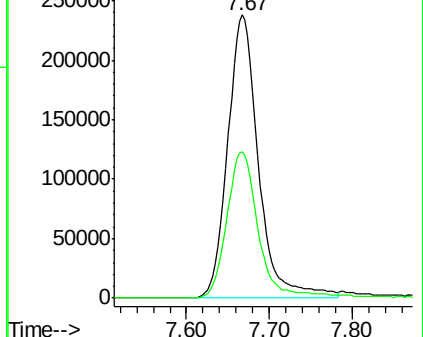
168 100

99 51.6 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: 206.336 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Tgt Ion: 84 Resp: 1476963

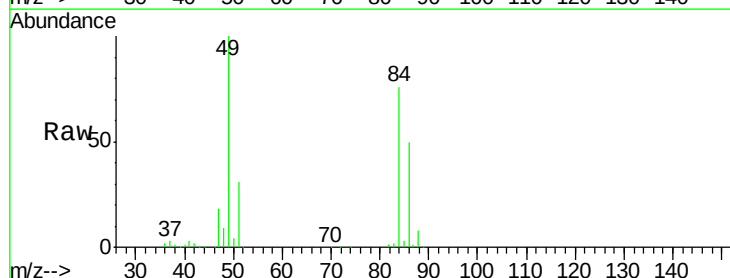
Ion Ratio Lower Upper

84 100

49 130.9 89.7 134.5

51 40.4 27.8 41.8

86 65.4 51.3 76.9

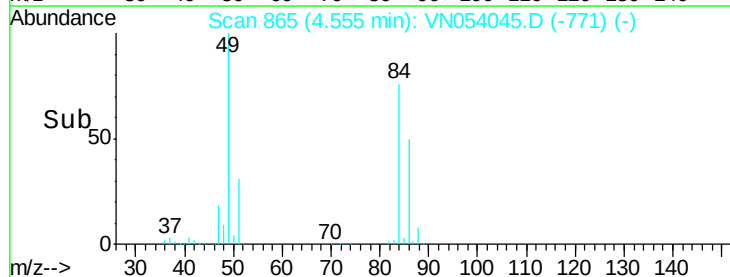
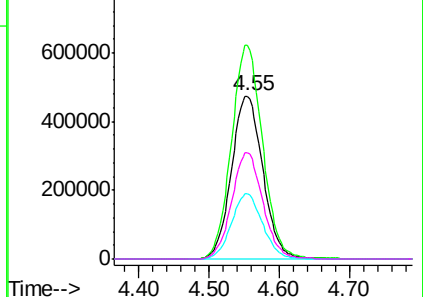


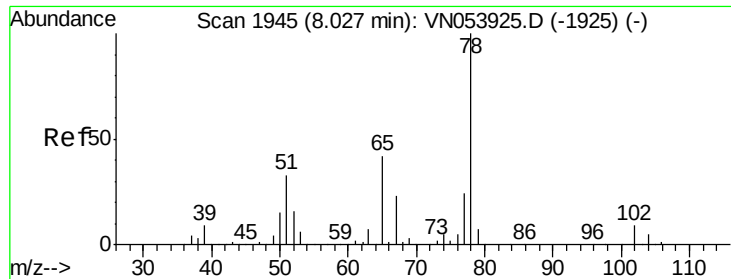
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

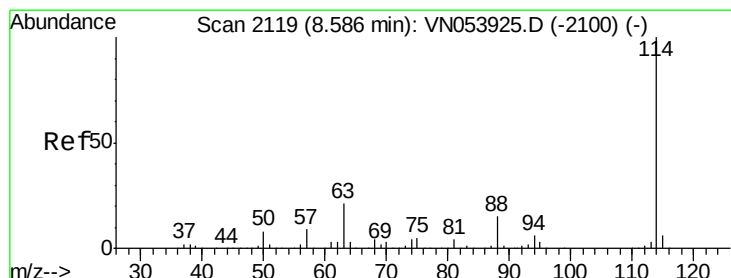
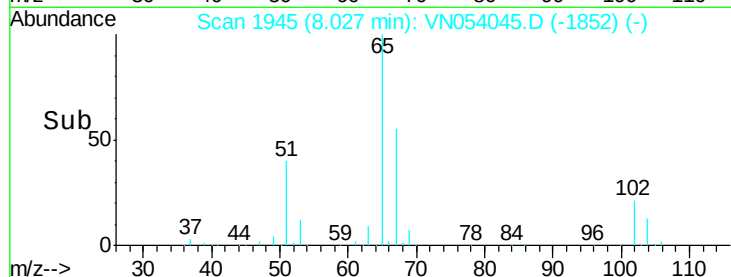
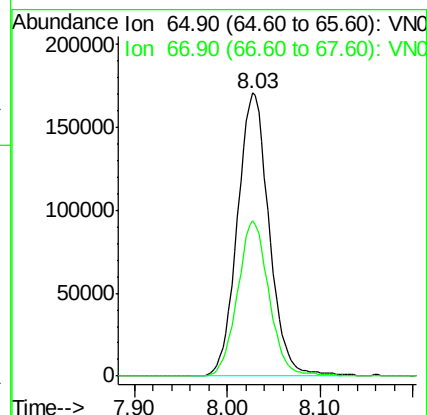
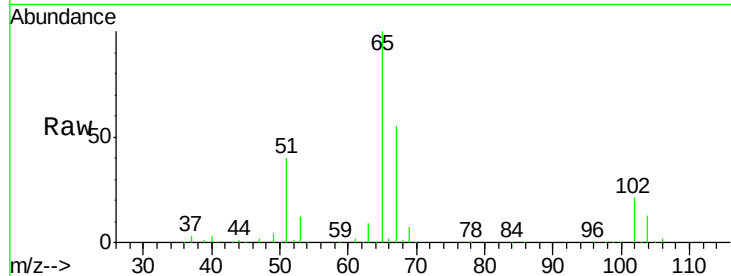




#33
 1,2-Dichloroethane-d4
 Concen: 56.074 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054045.D
 Acq: 1 Mar 2019 22:22

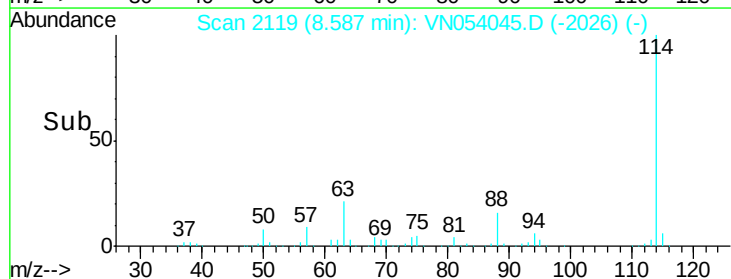
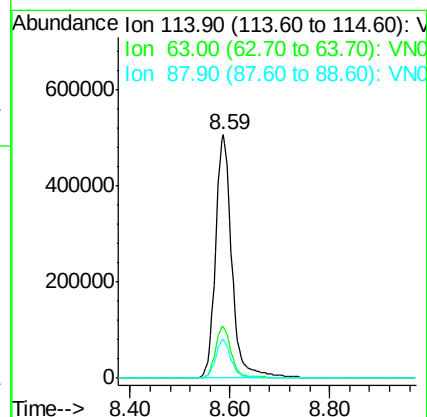
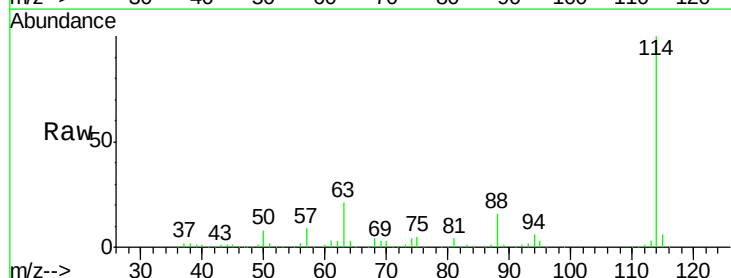
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-1-A

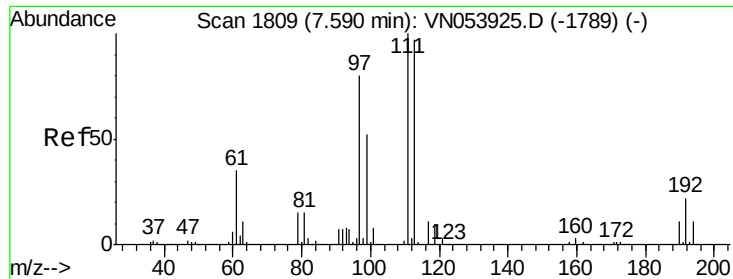
Tot Ion: 65 Resp: 405545
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054045.D
 Acq: 1 Mar 2019 22:22

Tgt Ion: 114 Resp: 1151857
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.9 0.0 30.4

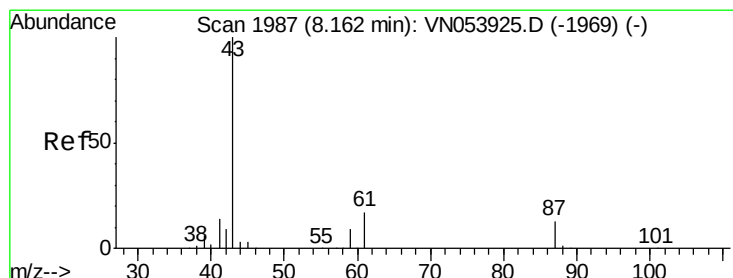
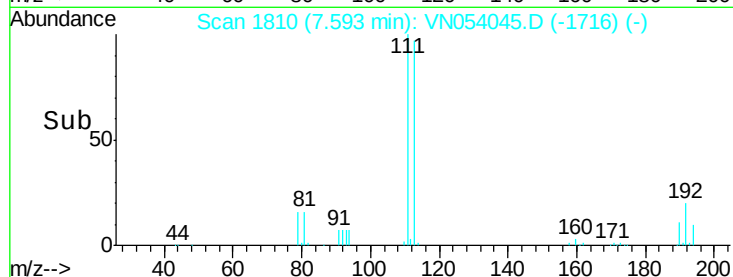
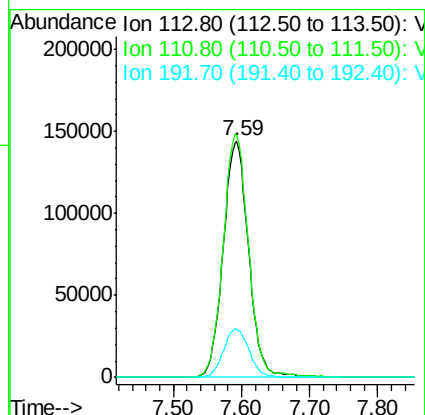
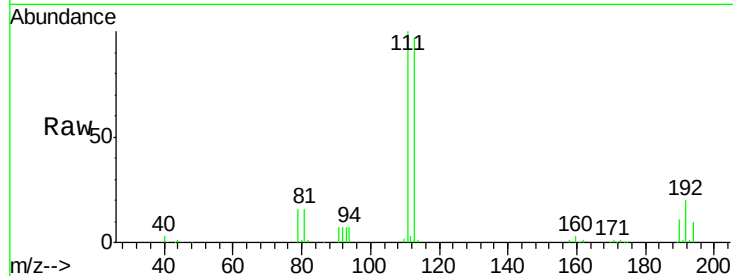




#35
 Dibromofluoromethane
 Concen: 49.984 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054045.D
 Acq: 1 Mar 2019 22:22

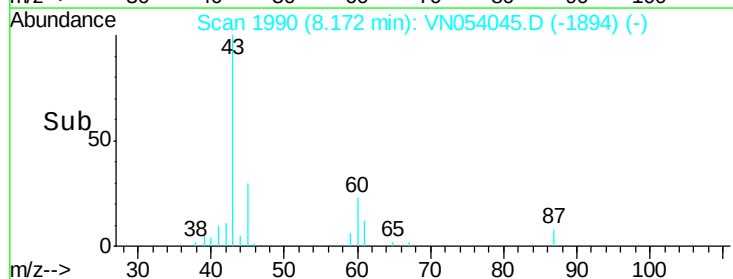
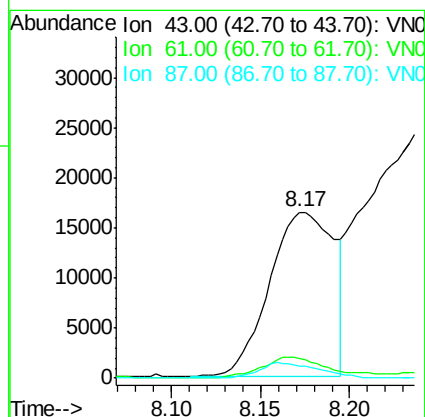
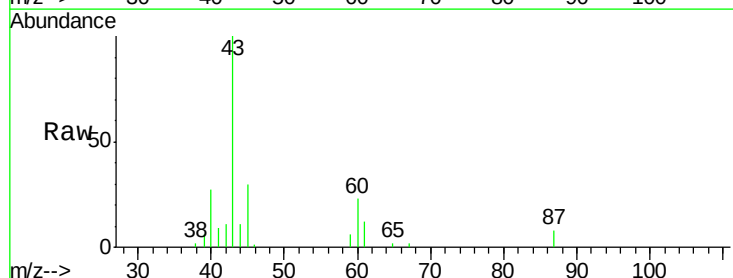
Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-1-A

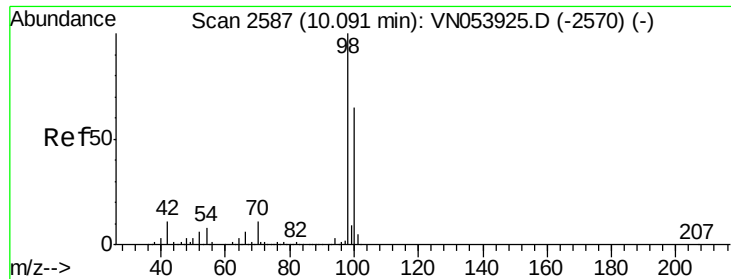
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	20.8	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 3.185 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054045.D
 Acq: 1 Mar 2019 22:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	17.4	26.0#
87	8.4	11.5	17.3#

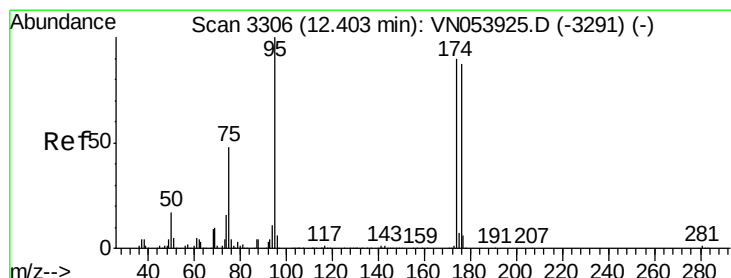
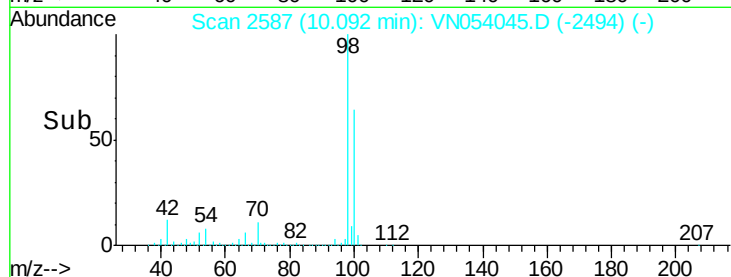
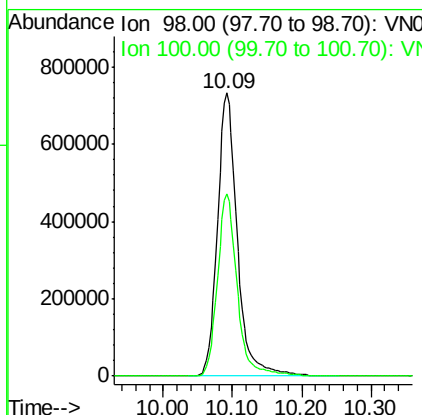
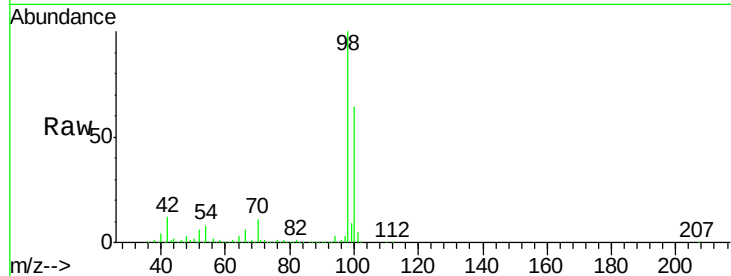




#50
Toluene-d8
Concen: 52.562 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054045.D
Acq: 1 Mar 2019 22:22

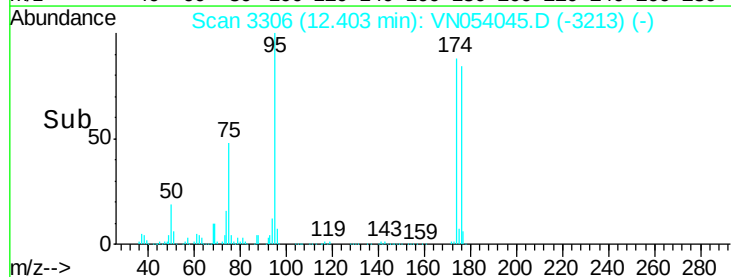
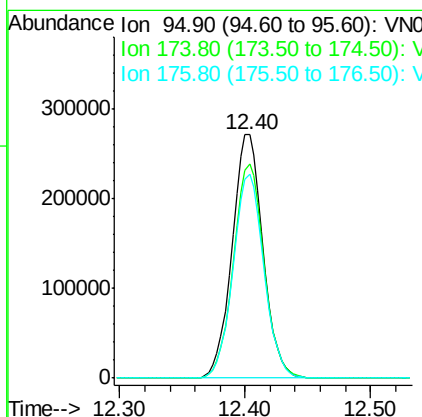
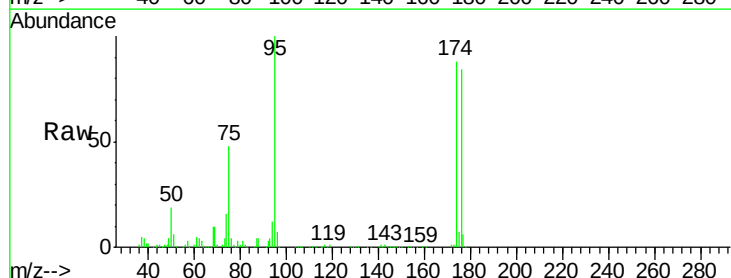
Instrument :
MSVOA_N
ClientSampled :
Z-3-1-A

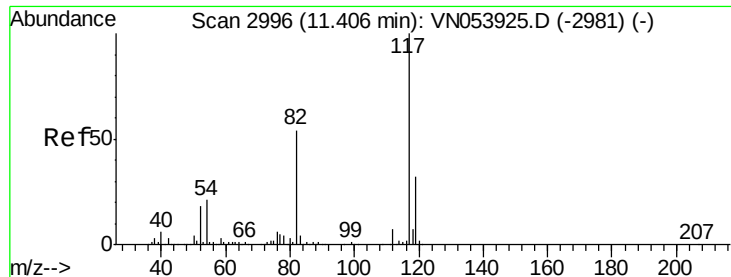
Tot Ion: 98 Resp: 1457433
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.098 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054045.D
Acq: 1 Mar 2019 22:22

Tgt Ion: 95 Resp: 462809
Ion Ratio Lower Upper
95 100
174 87.7 0.0 188.8
176 83.5 0.0 182.6

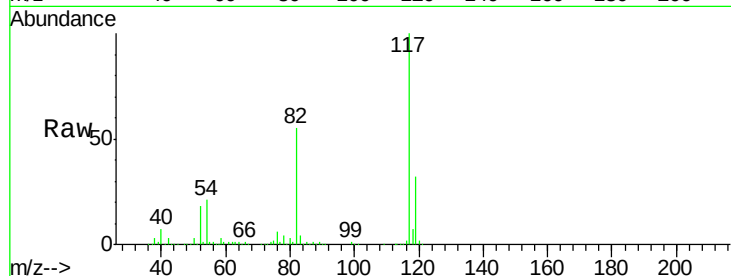




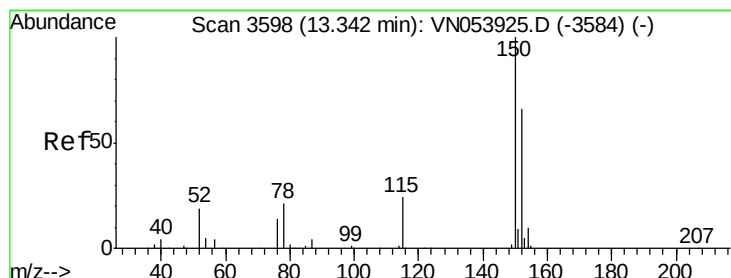
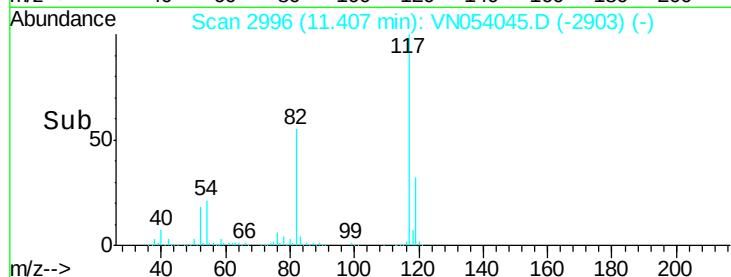
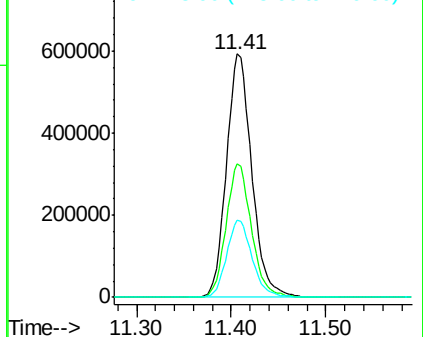
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054045.D
 Acq: 1 Mar 2019 22:22

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

Tot Ion:117 Resp: 1102254
 Ion Ratio Lower Upper
 117 100
 82 55.0 41.4 62.2
 119 31.5 25.3 37.9

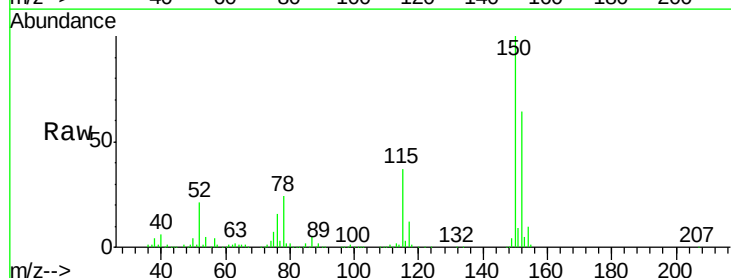


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

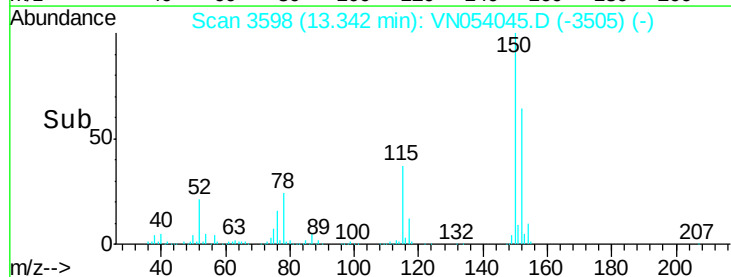
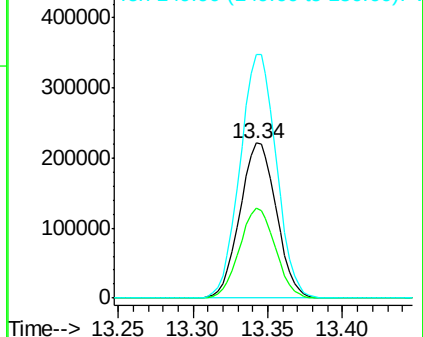


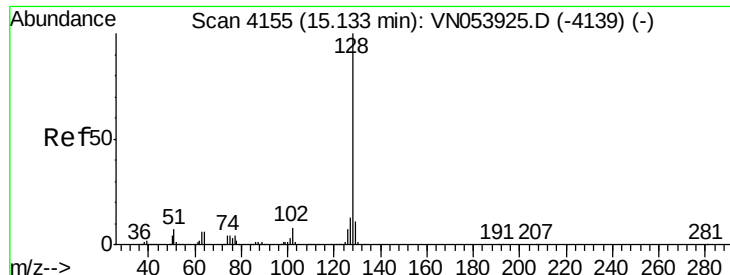
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN054045.D
 Acq: 1 Mar 2019 22:22

Tgt Ion:152 Resp: 375491
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.2 81.6
 150 156.6 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: 4.592 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampleId :

Z-3-1-A

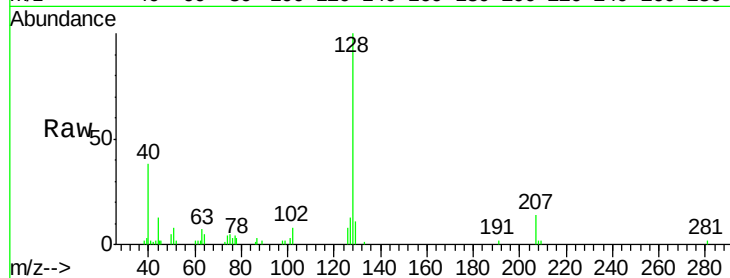
Tot Ion:128 Resp: 21922

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

129 11.2 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

