

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053666.D
 Acq On : 7 Feb 2019 19:54
 Operator : JC/SP
 Sample : K1389-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

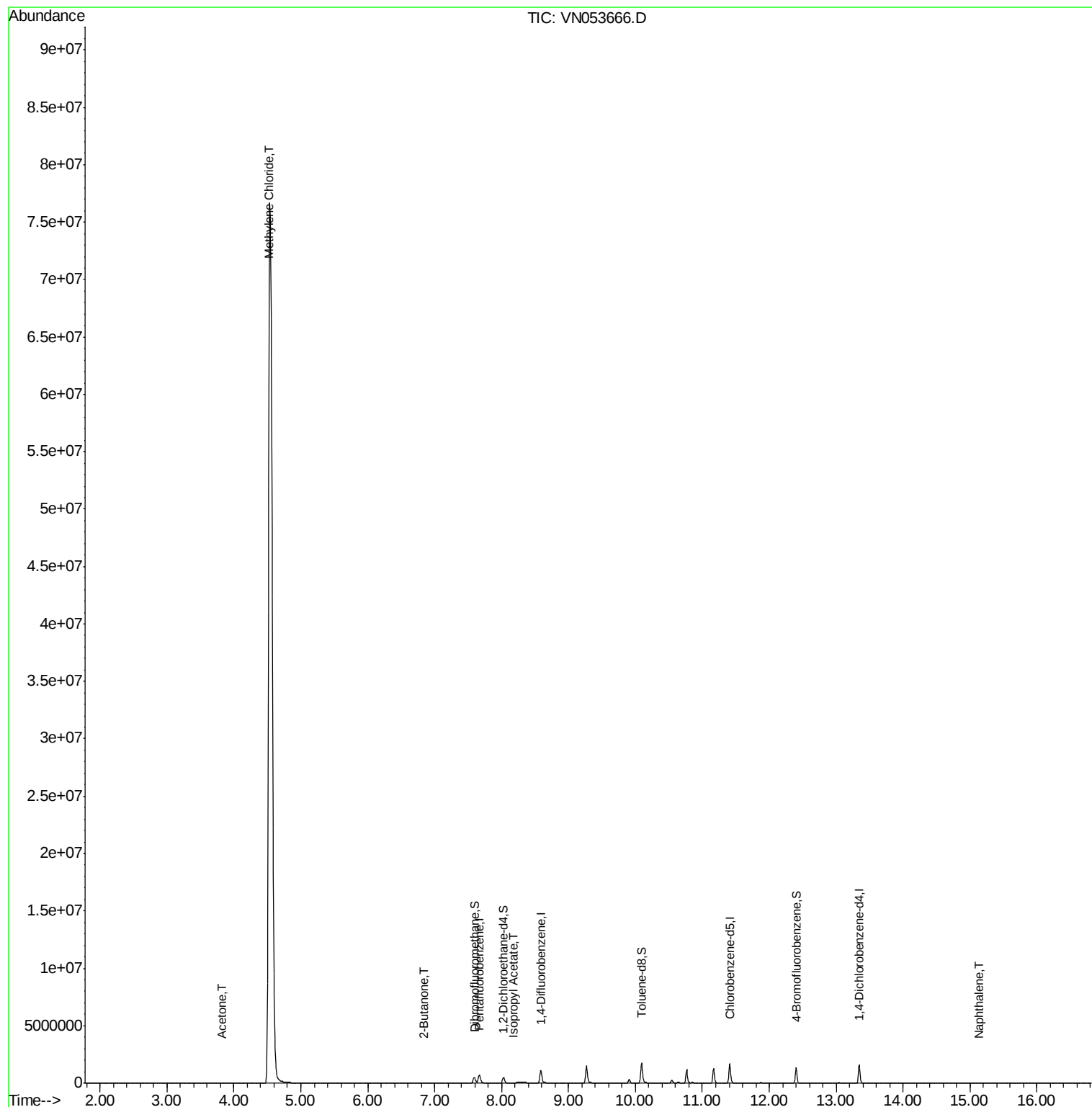
Quant Time: Feb 09 01:42:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

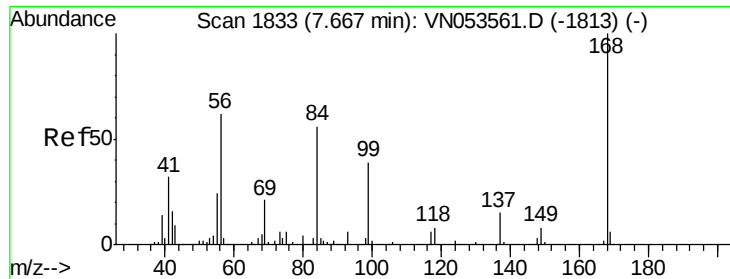
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	762025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1240989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1136298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	467765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397713	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	7.59	113	394364	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.09	98	1489514	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.40	95	491603	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
16) Acetone	3.82	43	15624	7.968	ug/l	94
20) Methylene Chloride	4.52	84	45559102m	5538.037	ug/l	
25) 2-Butanone	6.84	43	6246	2.233	ug/l	91
43) Isopropyl Acetate	8.17	43	42883	3.554	ug/l #	76
95) Naphthalene	15.13	128	9866	2.200	ug/l	96

(#) = 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: VN053666.D

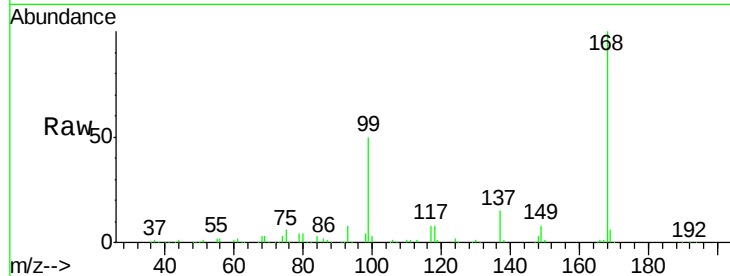
Acq: 7 Feb 2019 19:54

Tot Ion:168 Resp: 762025

Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

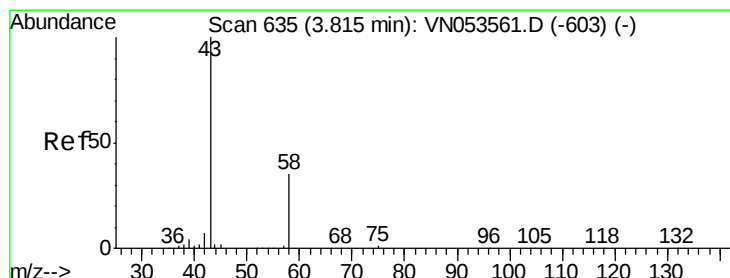
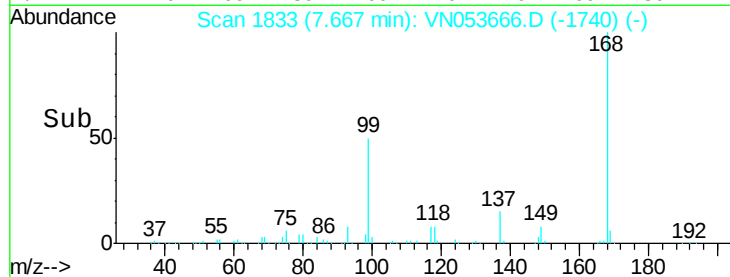
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.968 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053666.D

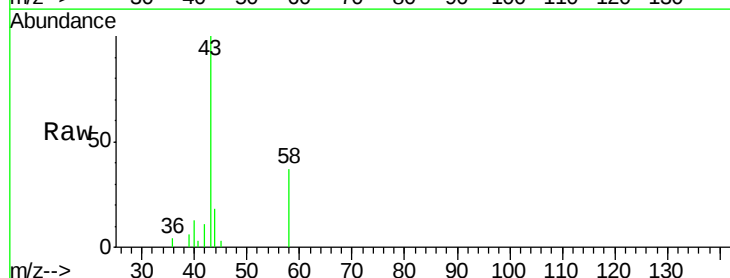
Acq: 7 Feb 2019 19:54

Tgt Ion: 43 Resp: 15624

Ion Ratio Lower Upper

43 100

58 37.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

5000

4000

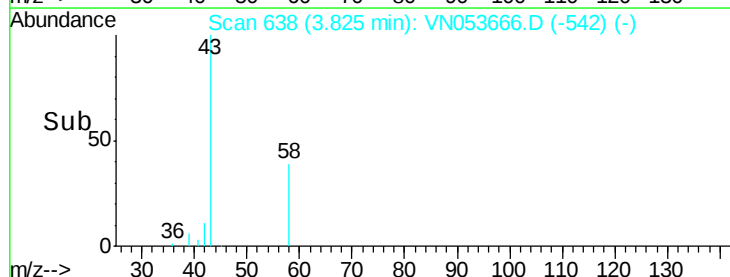
3000

2000

1000

0

Time-->

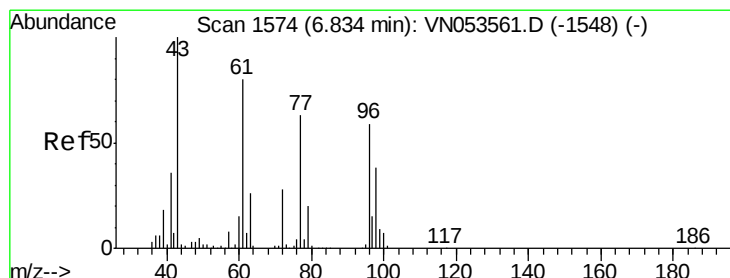
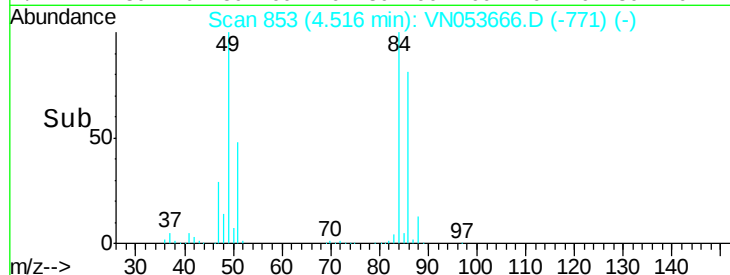
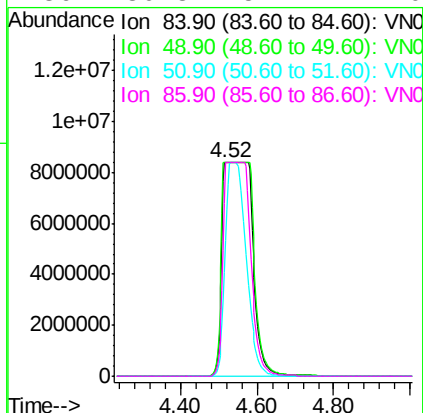
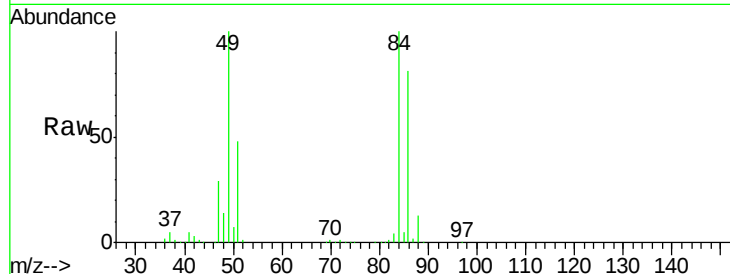




#20
Methylene Chloride
Concen: 5538.037 ug/l m
RT: 4.52 min Scan# 853
Delta R.T. -0.04 min
Lab File: VN053666.D
Acq: 7 Feb 2019 19:54

Tot Ion: 84 Resp: 45559102

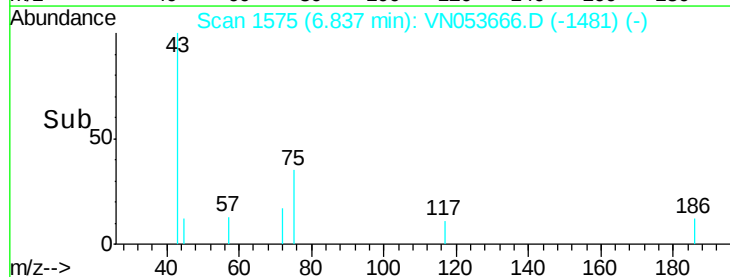
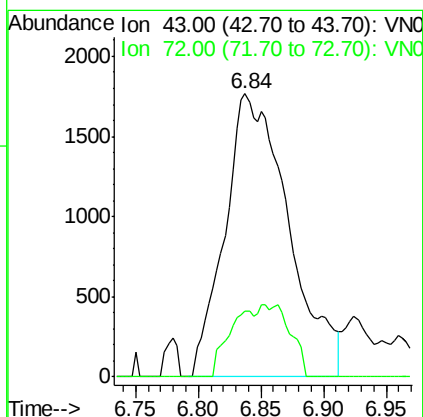
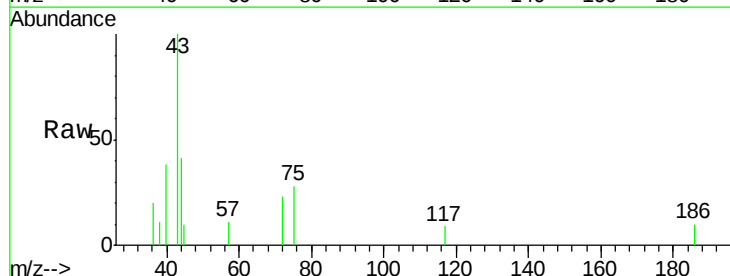
Ion	Ratio	Lower	Upper
84	100		
49	100.0	94.3	141.5
51	48.3	29.4	44.2#
86	80.8	51.4	77.0#

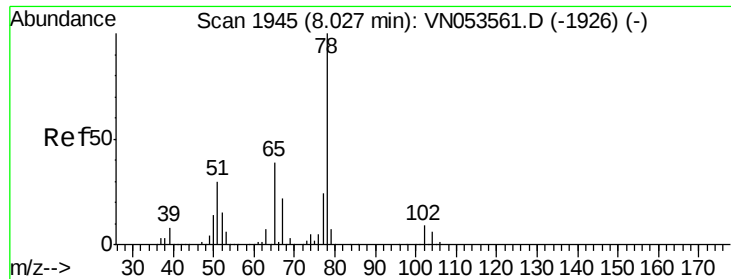


#25
2-Butanone
Concen: 2.233 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053666.D
Acq: 7 Feb 2019 19:54

Tgt Ion: 43 Resp: 6246

Ion	Ratio	Lower	Upper
43	100		
72	23.0	22.0	33.0





#33

1,2-Dichloroethane-d4

Concen: 52.026 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053666.D

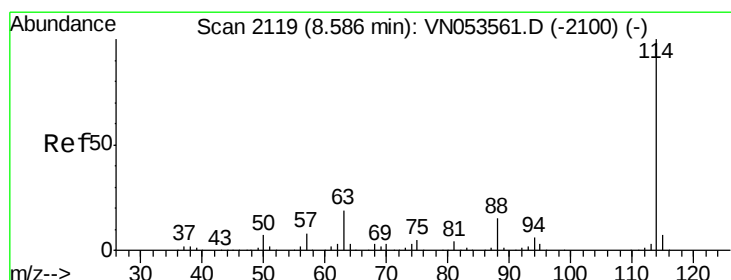
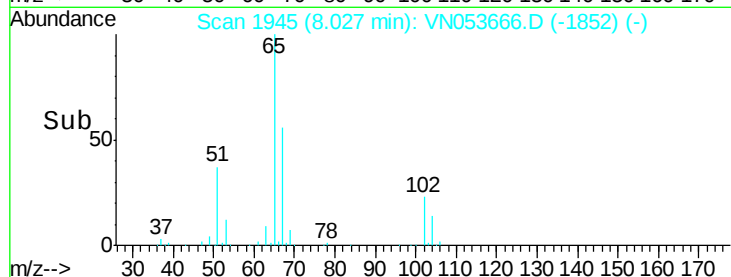
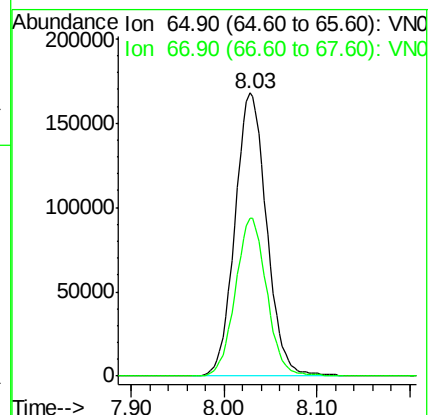
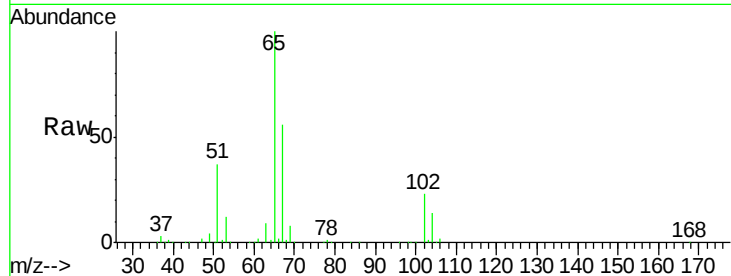
Acq: 7 Feb 2019 19:54

Tot Ion: 65 Resp: 397713

Ion Ratio Lower Upper

65 100

67 55.1 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: VN053666.D

Acq: 7 Feb 2019 19:54

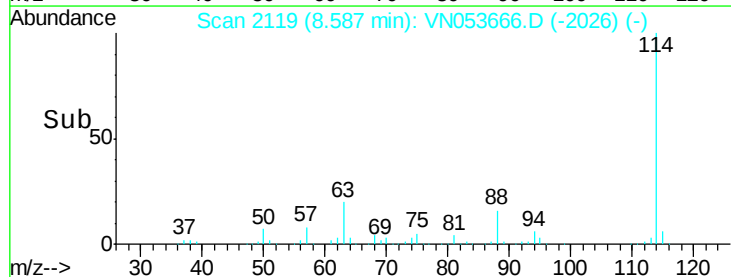
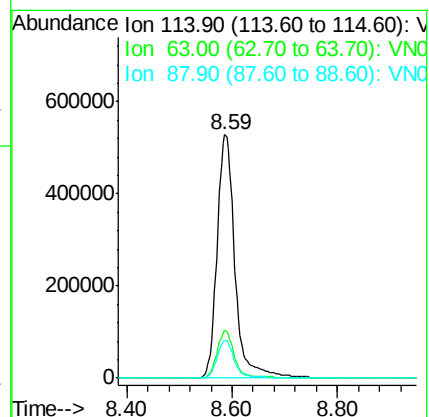
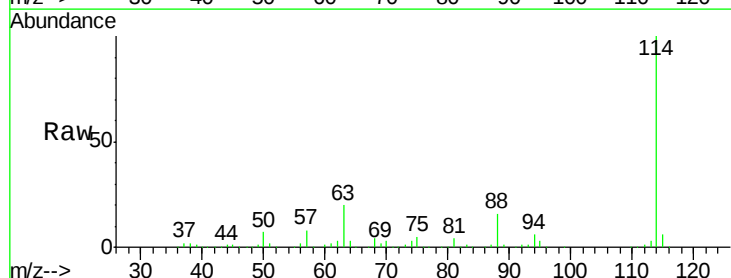
Tgt Ion: 114 Resp: 1240989

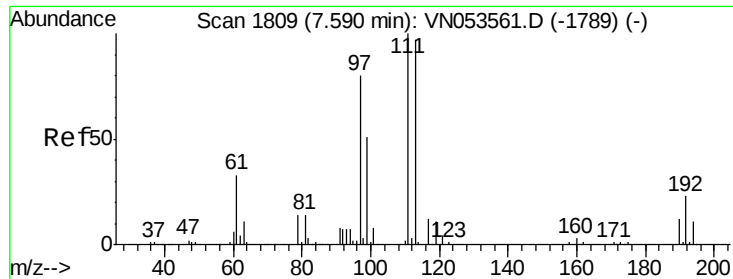
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

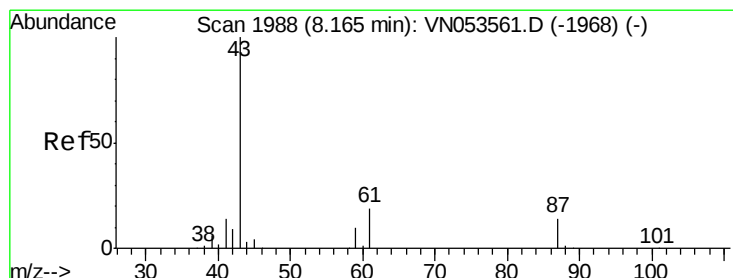
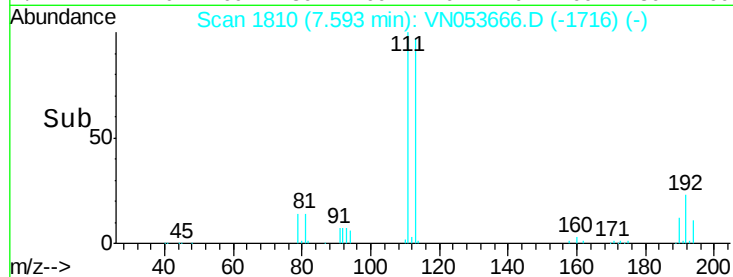
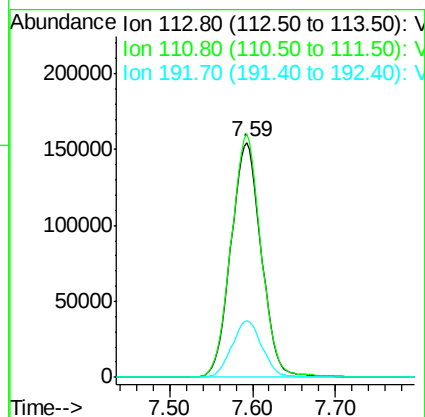
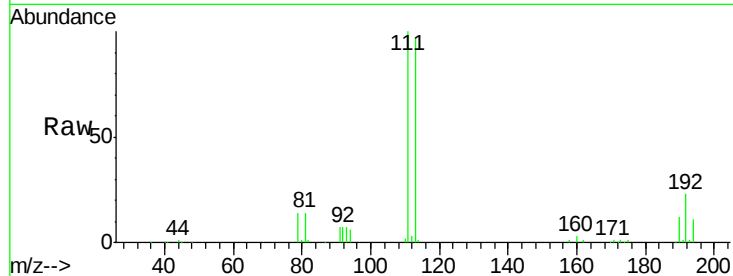
88 15.6 0.0 30.4





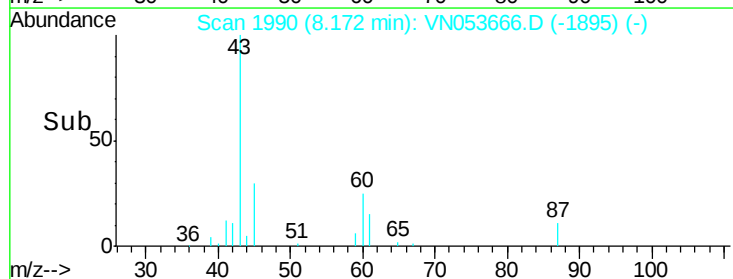
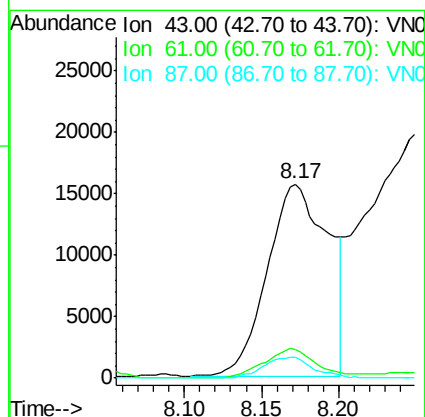
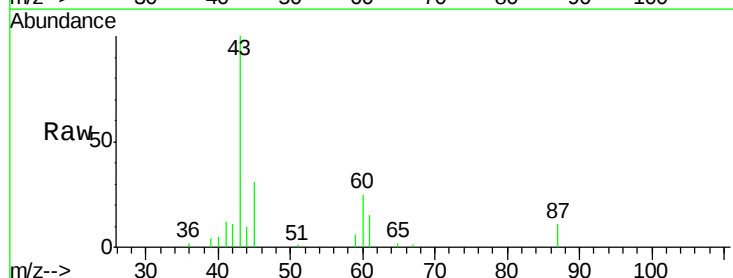
#35
 Dibromofluoromethane
 Concen: 50.292 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053666.D
 Acq: 7 Feb 2019 19:54

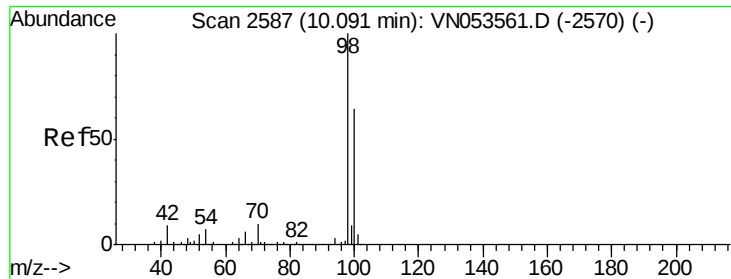
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	23.9	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 3.554 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN053666.D
 Acq: 7 Feb 2019 19:54

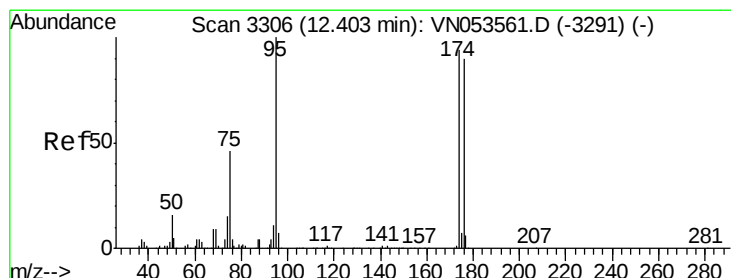
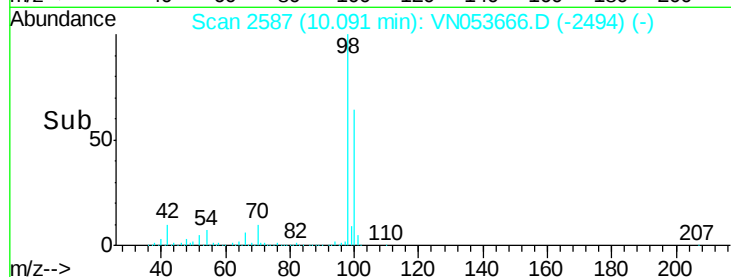
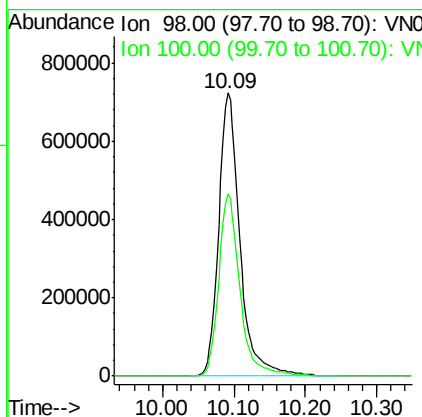
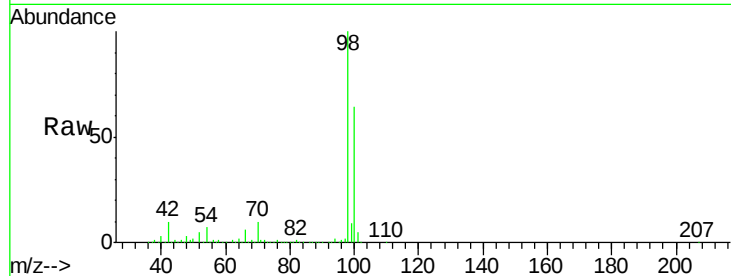
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	23.9	35.9#
87	8.7	11.0	16.6#





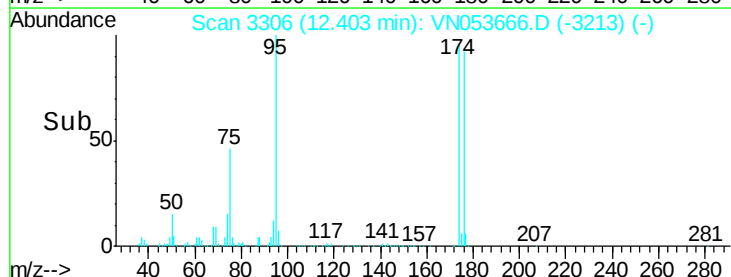
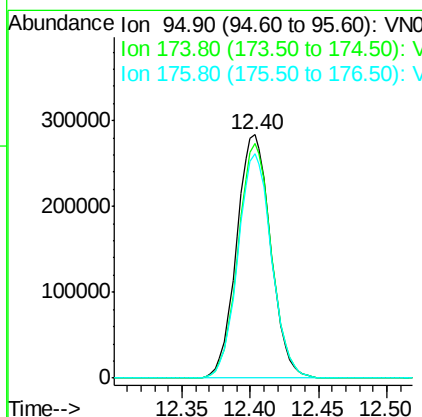
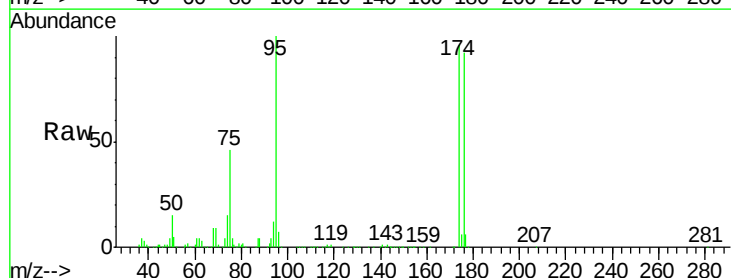
#50
Toluene-d8
Concen: 50.590 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053666.D
Acq: 7 Feb 2019 19:54

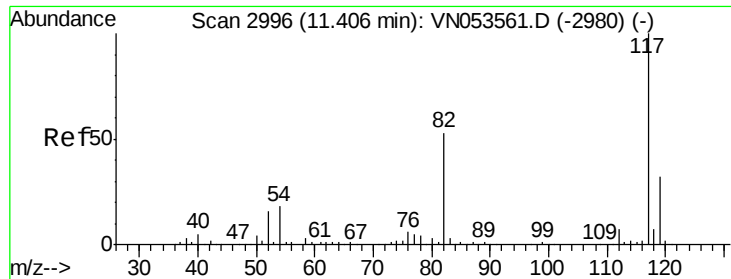
Tot Ion: 98 Resp: 1489514
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.063 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053666.D
Acq: 7 Feb 2019 19:54

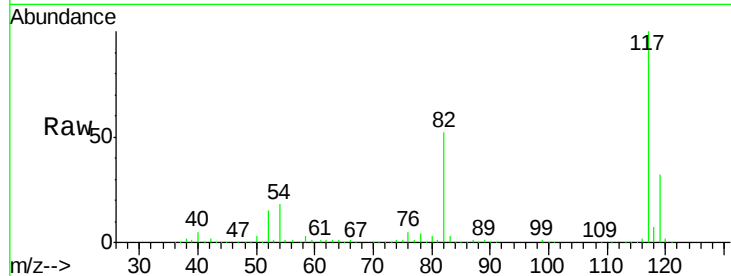
Tgt Ion: 95 Resp: 491603
Ion Ratio Lower Upper
95 100
174 94.4 0.0 183.2
176 91.0 0.0 177.4



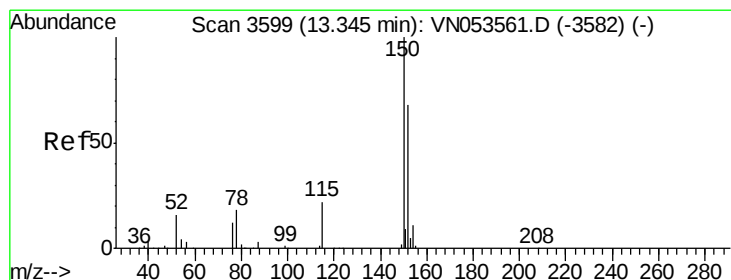
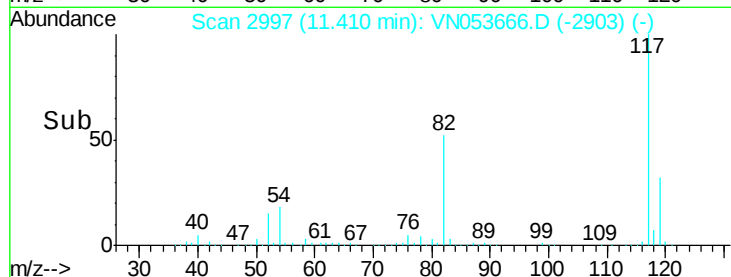
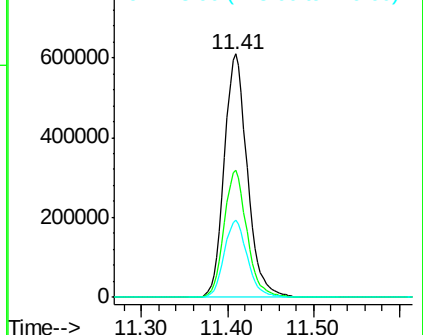


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053666.D
Acq: 7 Feb 2019 19:54

Tot Ion:117 Resp: 1136298
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 31.8 26.0 39.0

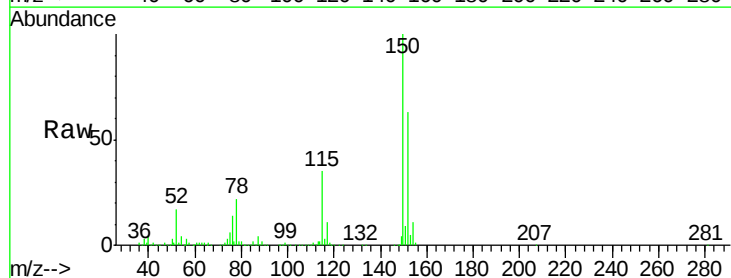


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

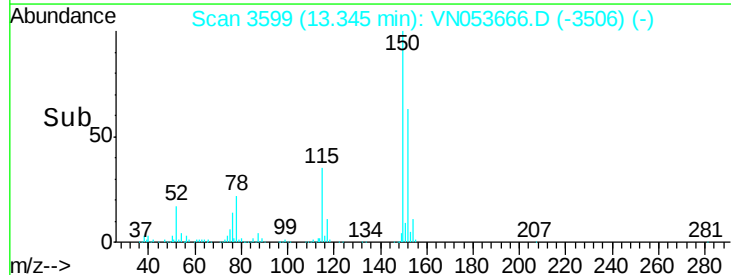
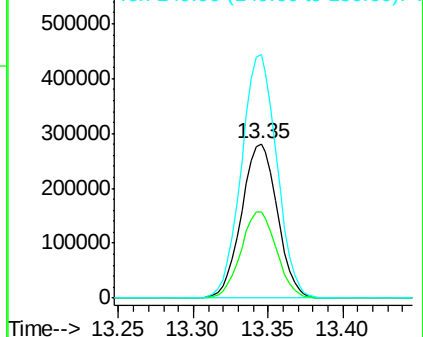


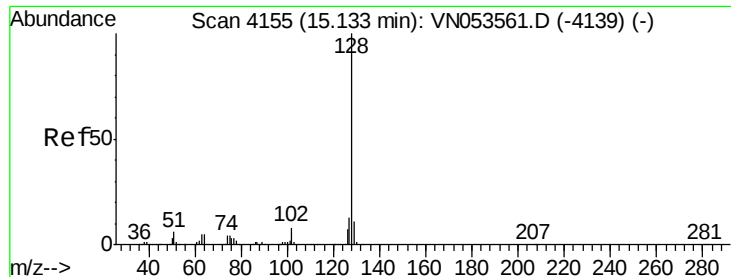
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053666.D
Acq: 7 Feb 2019 19:54

Tgt Ion:152 Resp: 467765
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 156.7 0.0 349.0



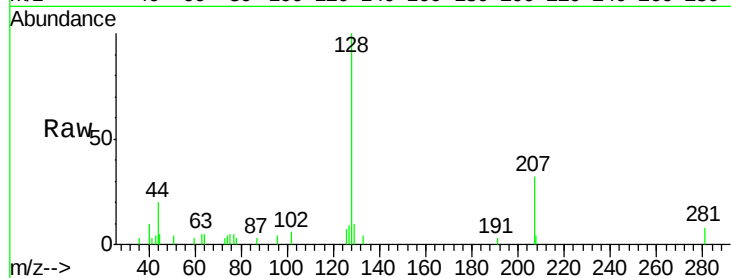
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
 Naphthalene
 Concen: 2.200 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053666.D
 Acq: 7 Feb 2019 19:54

Tot Ion:128	Resp:	9866
Ion Ratio	Lower	Upper
128	100	
127	10.6	10.3 15.5
129	10.4	8.6 13.0



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

