

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053439.D
 Acq On : 17 Jan 2019 17:19
 Operator : JC/SP
 Sample : PB116439ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

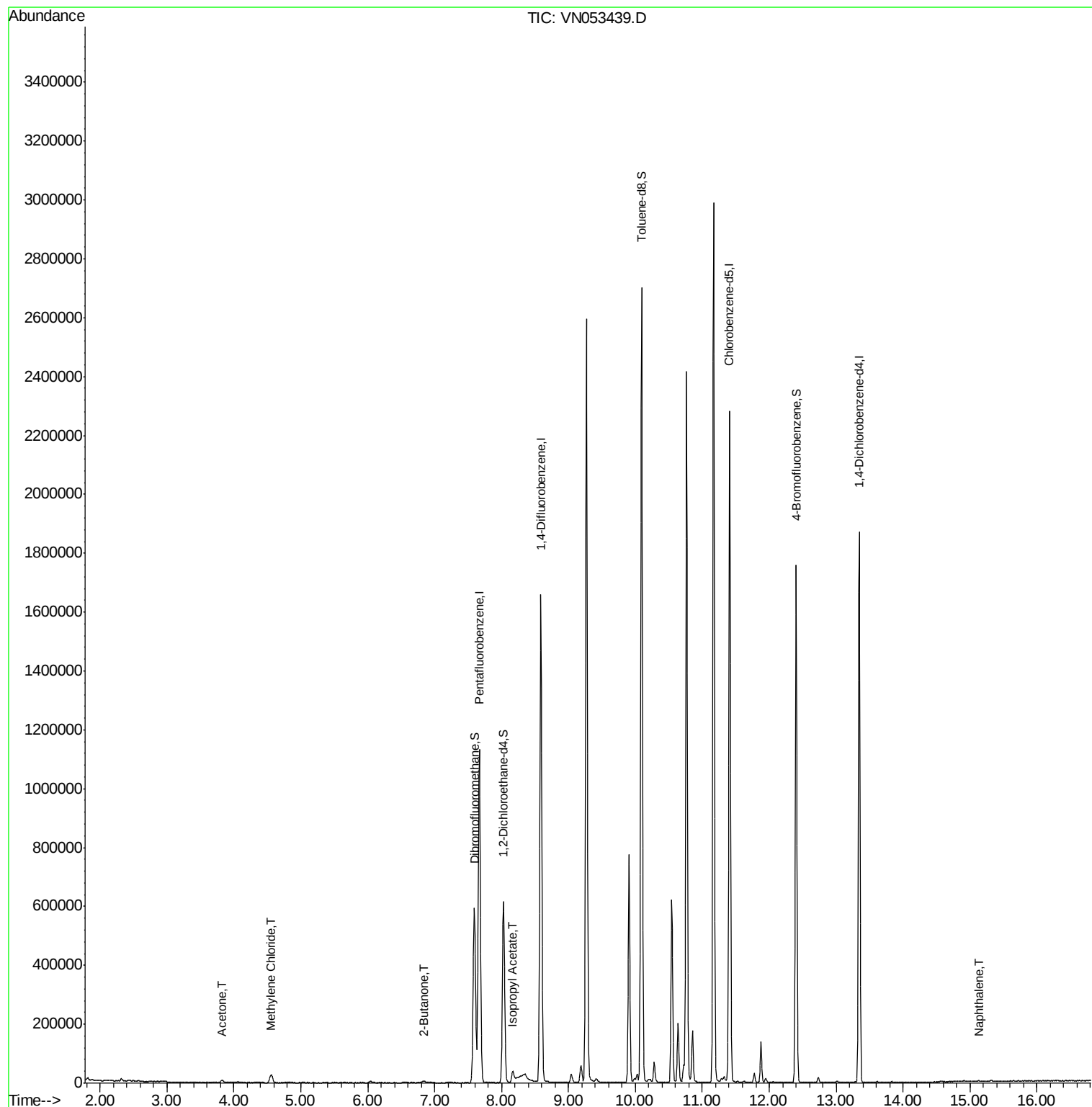
Quant Time: Jan 18 00:51:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1001538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1551246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1419547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	537516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	510148	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
35) Dibromofluoromethane	7.59	113	454632	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.09	98	1928253	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	617656	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
16) Acetone	3.82	43	13811	5.947	ug/l	96
20) Methylene Chloride	4.56	84	21216	2.001	ug/l	98
25) 2-Butanone	6.85	43	7881	2.202	ug/l	91
43) Isopropyl Acetate	8.17	43	57927	3.964	ug/l #	82
95) Naphthalene	15.14	128	2500	4.116	ug/l #	93

(#) = 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# 1834

Delta R.T. 0.00 min

Lab File: VN053439.D

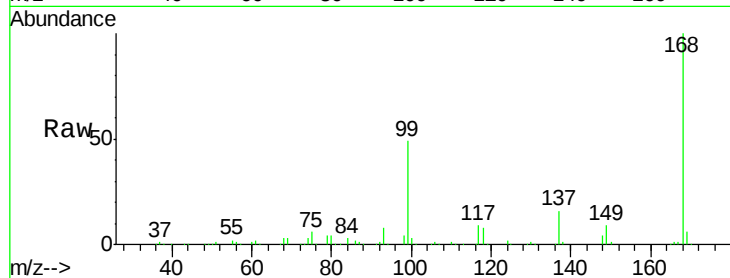
Acq: 17 Jan 2019 17:19

Tot Ion:168 Resp: 1001538

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

500000

400000

300000

200000

100000

0

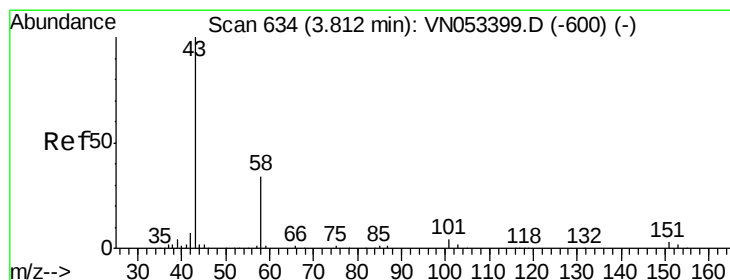
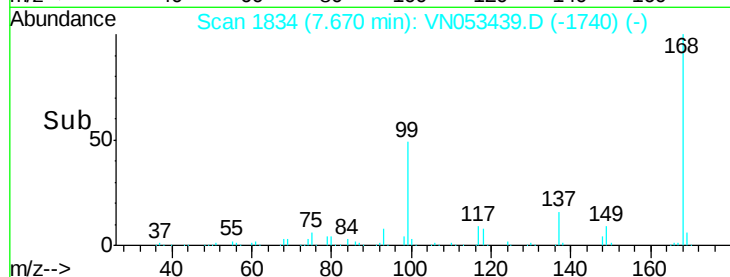
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 5.947 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053439.D

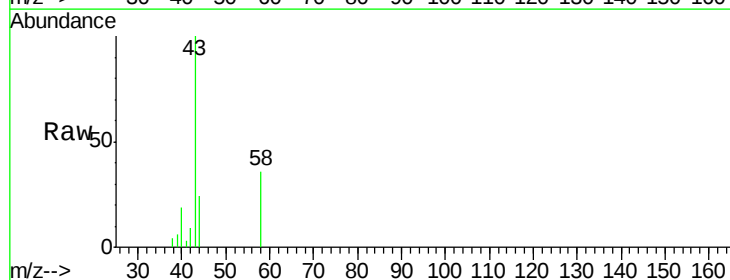
Acq: 17 Jan 2019 17:19

Tgt Ion: 43 Resp: 13811

Ion Ratio Lower Upper

43 100

58 36.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

3000

2000

1000

0

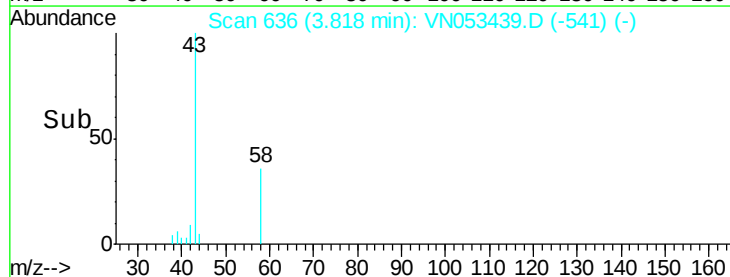
3.82

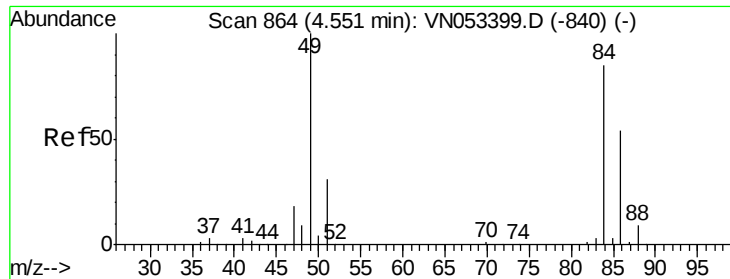
3.75

3.85

3.90

Time-->

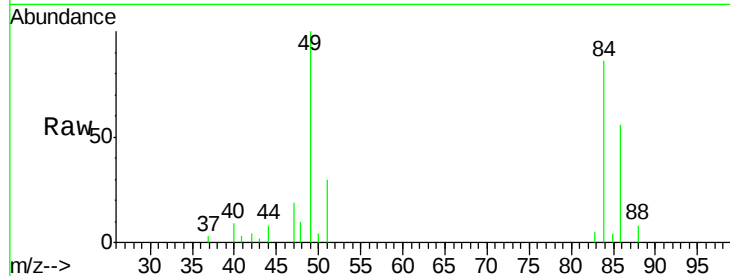




#20
Methvlene Chloride
Concen: 2.001 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053439.D
Acq: 17 Jan 2019 17:19

Tot Ion: 84 Resp: 21216

Ion	Ratio	Lower	Upper
84	100		
49	116.5	94.3	141.5
51	35.2	29.4	44.2
86	65.3	51.4	77.0



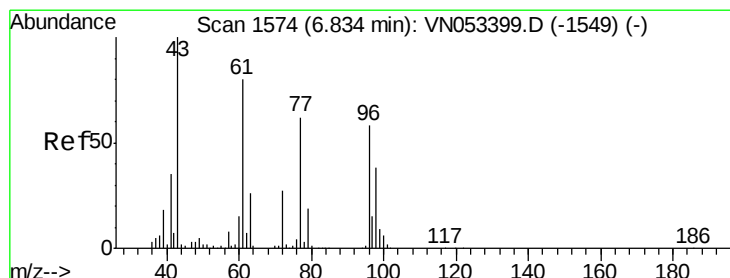
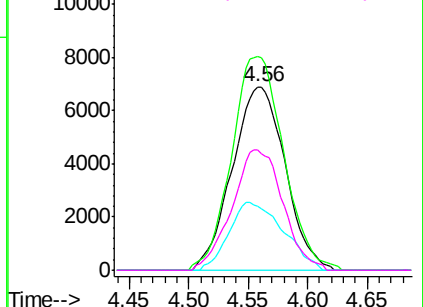
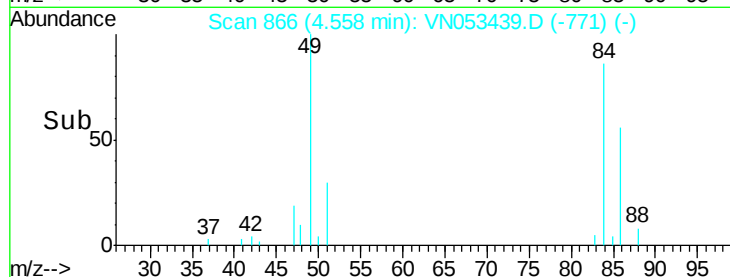
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

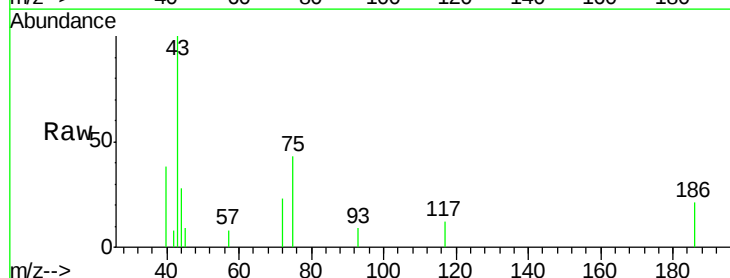
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 2.202 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053439.D
Acq: 17 Jan 2019 17:19

Tgt Ion: 43 Resp: 7881

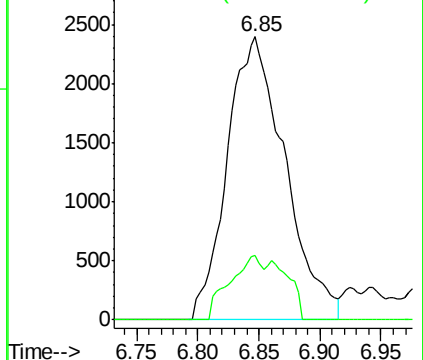
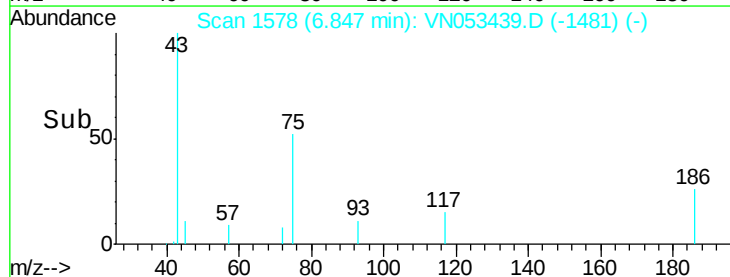
Ion	Ratio	Lower	Upper
43	100		
72	22.7	22.0	33.0

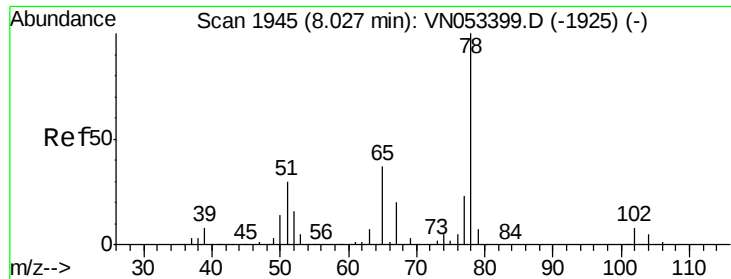


Abundance

Ion 43.00 (42.70 to 43.70): VN0

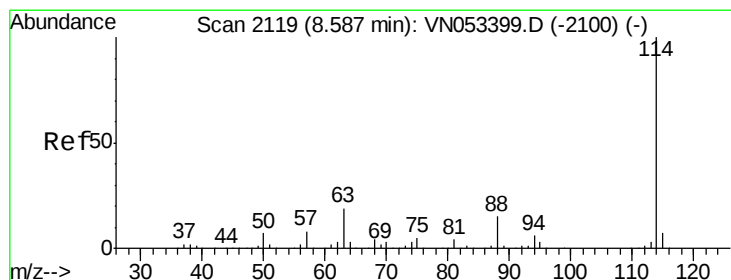
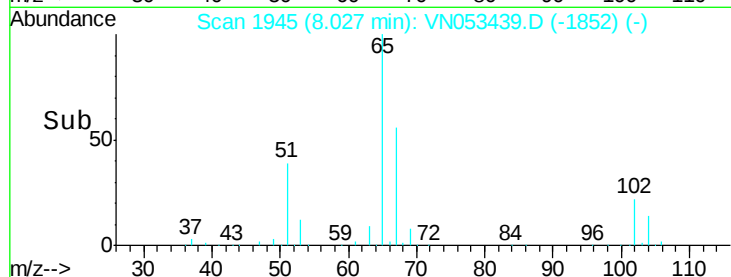
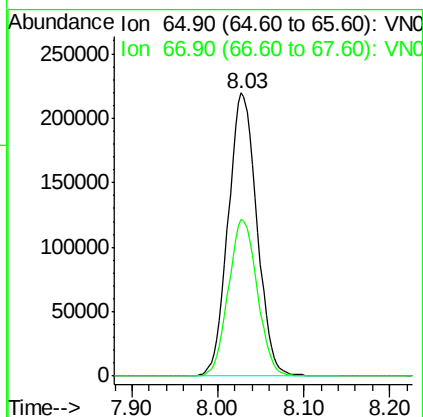
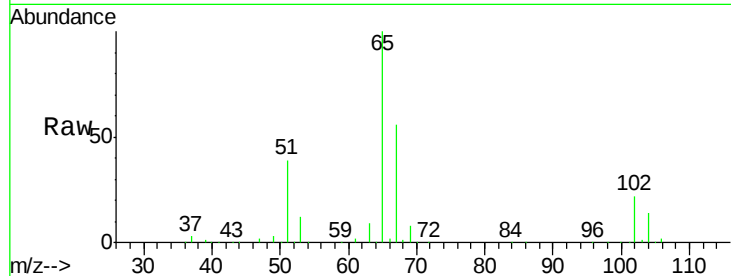
Ion 72.00 (71.70 to 72.70): VN0





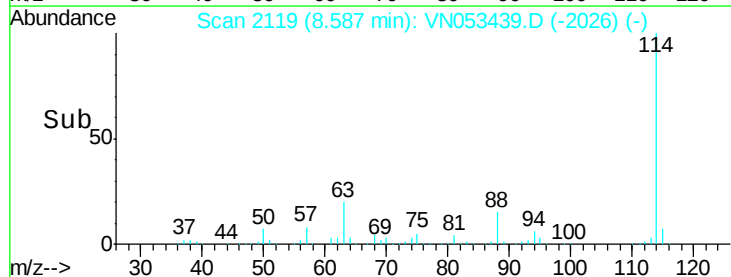
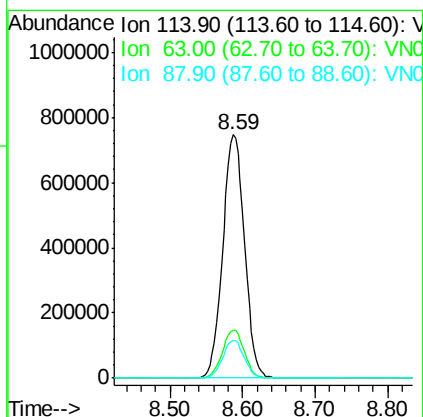
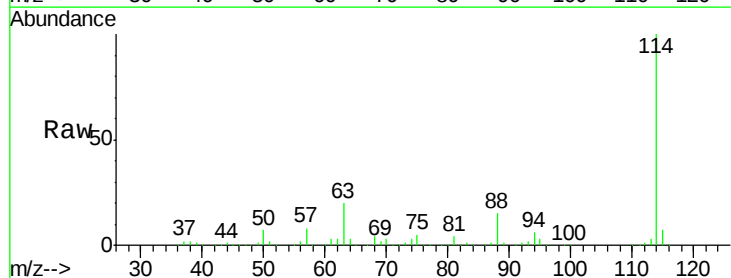
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053439.D
 Acq: 17 Jan 2019 17:19

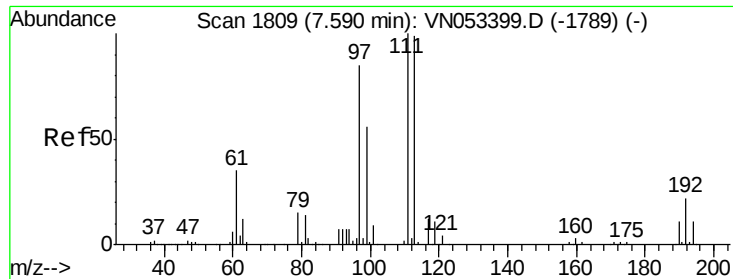
Tot Ion: 65 Resp: 510148
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053439.D
 Acq: 17 Jan 2019 17:19

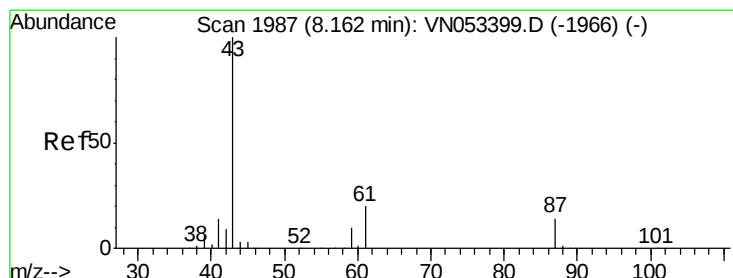
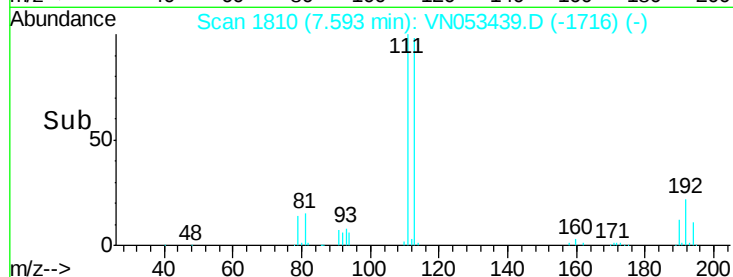
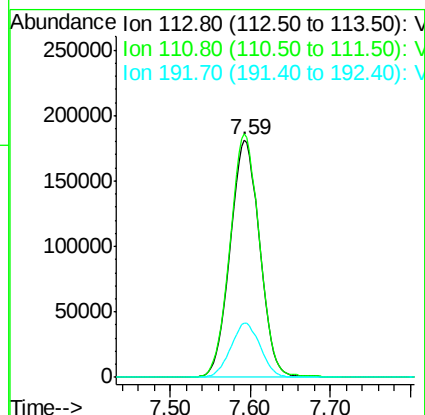
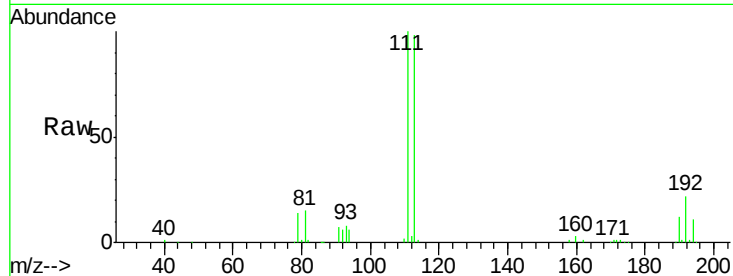
Tgt Ion: 114 Resp: 1551246
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.4 0.0 30.4





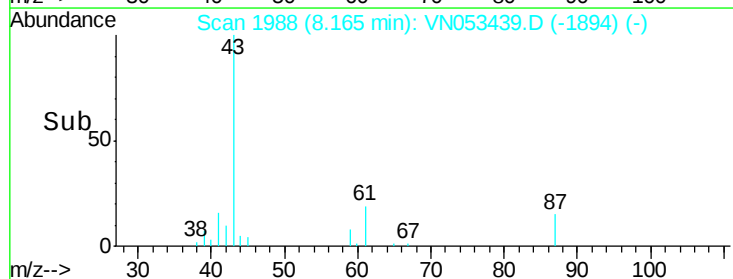
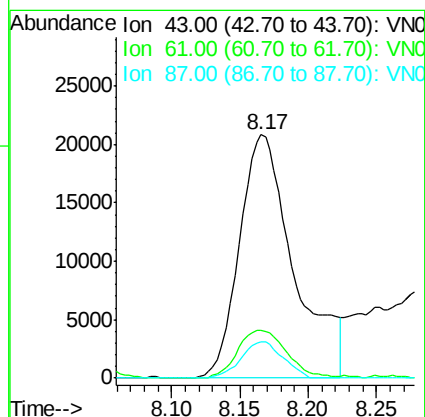
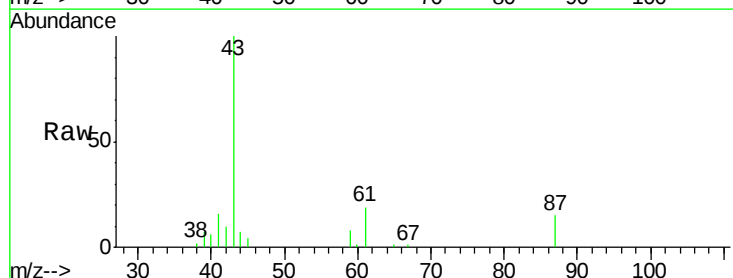
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053439.D
 Acq: 17 Jan 2019 17:19

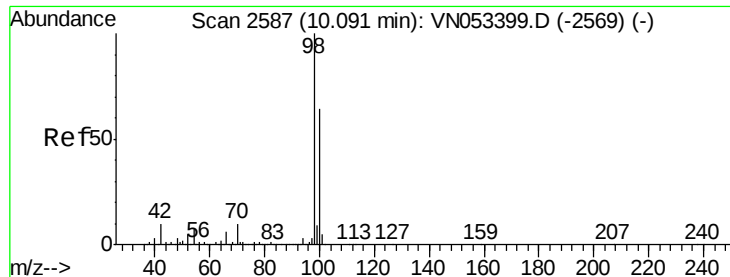
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	22.8	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 3.964 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053439.D
 Acq: 17 Jan 2019 17:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	23.9	35.9#
87	11.4	11.0	16.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053439.D

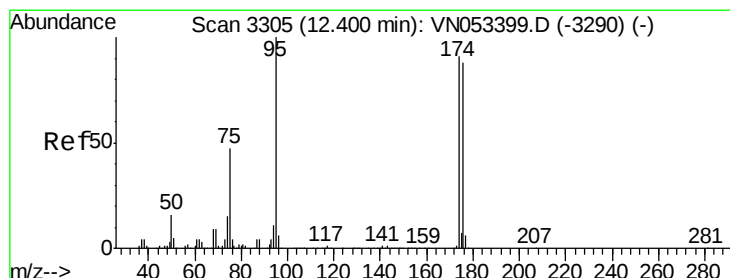
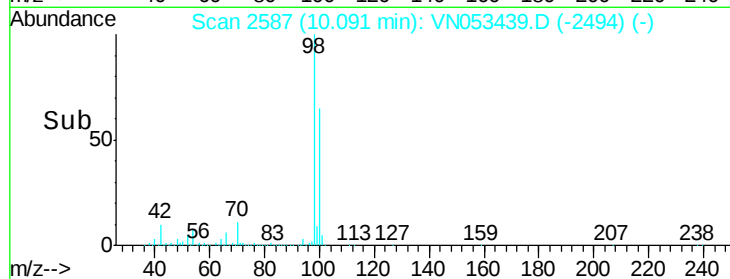
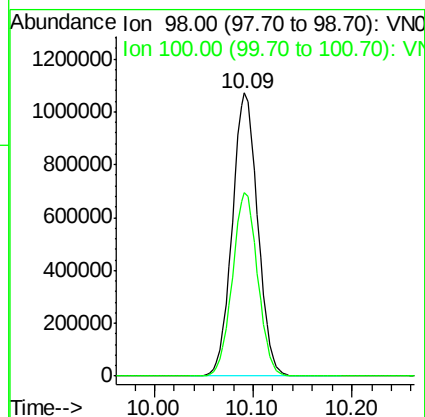
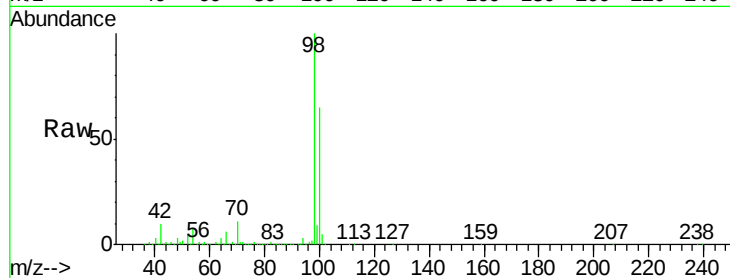
Acq: 17 Jan 2019 17:19

Tot Ion: 98 Resp: 1928253

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053439.D

Acq: 17 Jan 2019 17:19

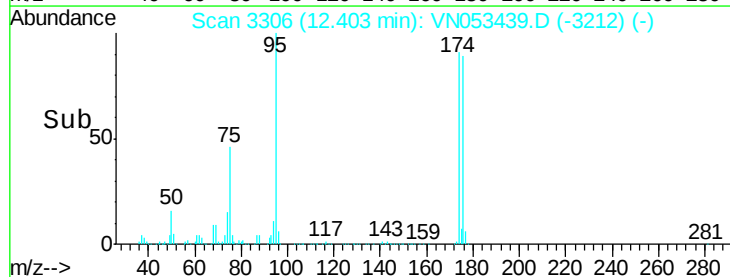
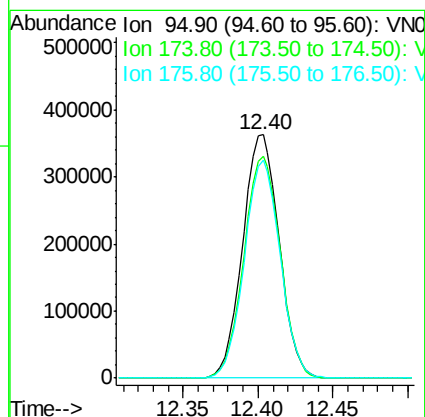
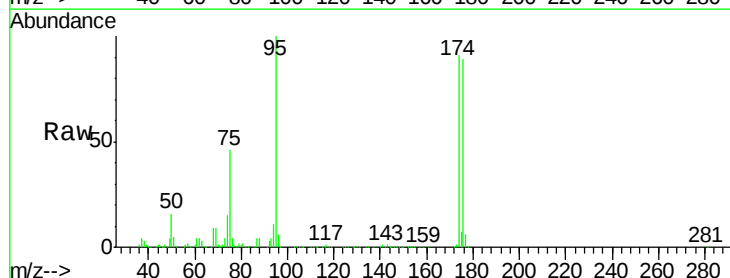
Tgt Ion: 95 Resp: 617656

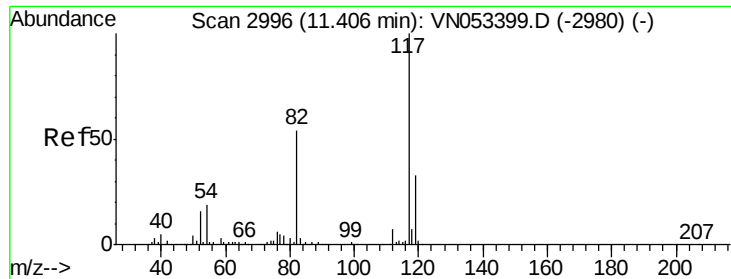
Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.2

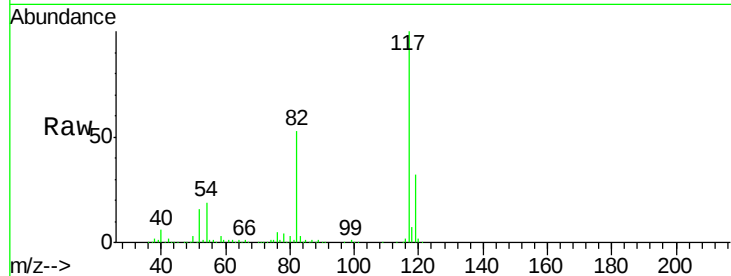
176 87.8 0.0 177.4



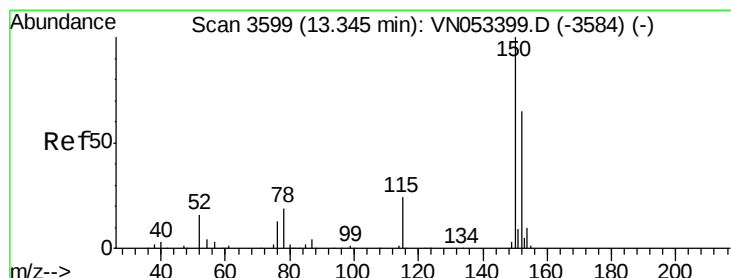
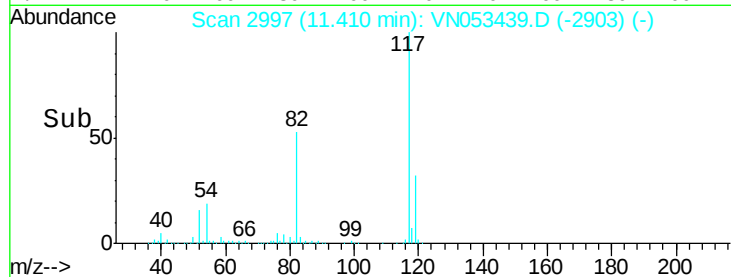
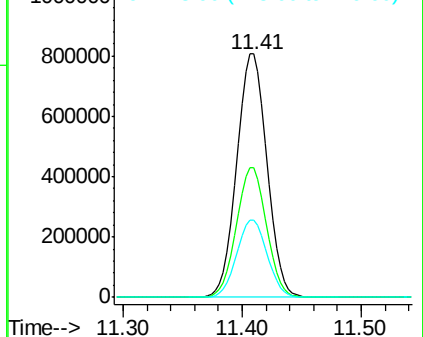


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053439.D
Acq: 17 Jan 2019 17:19

Tot Ion:117 Resp: 1419547
Ion Ratio Lower Upper
117 100
82 53.1 42.9 64.3
119 31.8 26.0 39.0

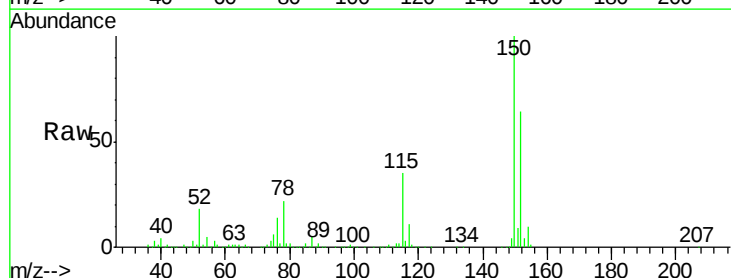


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

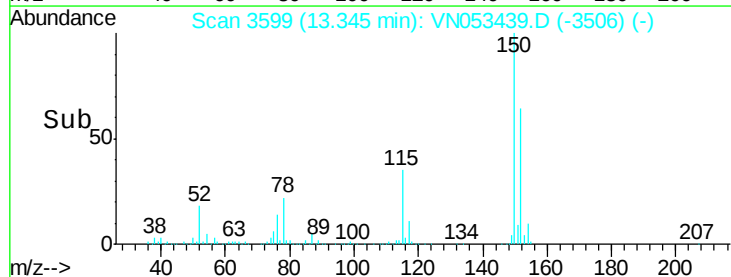
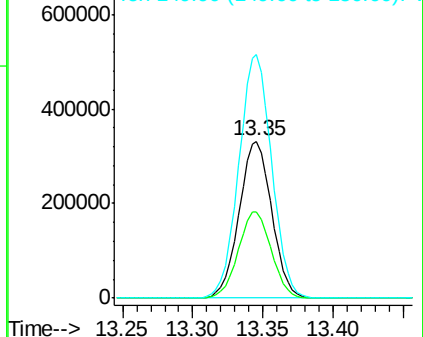


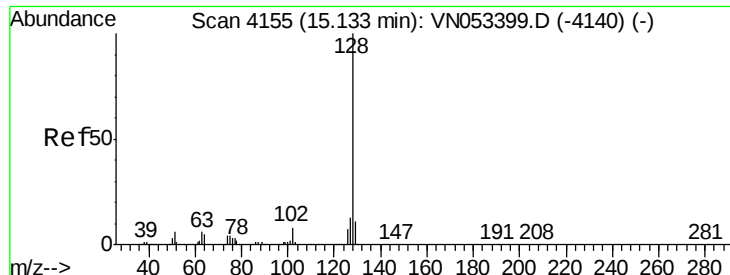
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053439.D
Acq: 17 Jan 2019 17:19

Tgt Ion:152 Resp: 537516
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.4 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: 4.116 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN053439.D
 Acq: 17 Jan 2019 17:19

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.3	15.5#
129	8.0	8.6	13.0#

