

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053661.D
 Acq On : 7 Feb 2019 17:40
 Operator : JC/SP
 Sample : PB116887ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

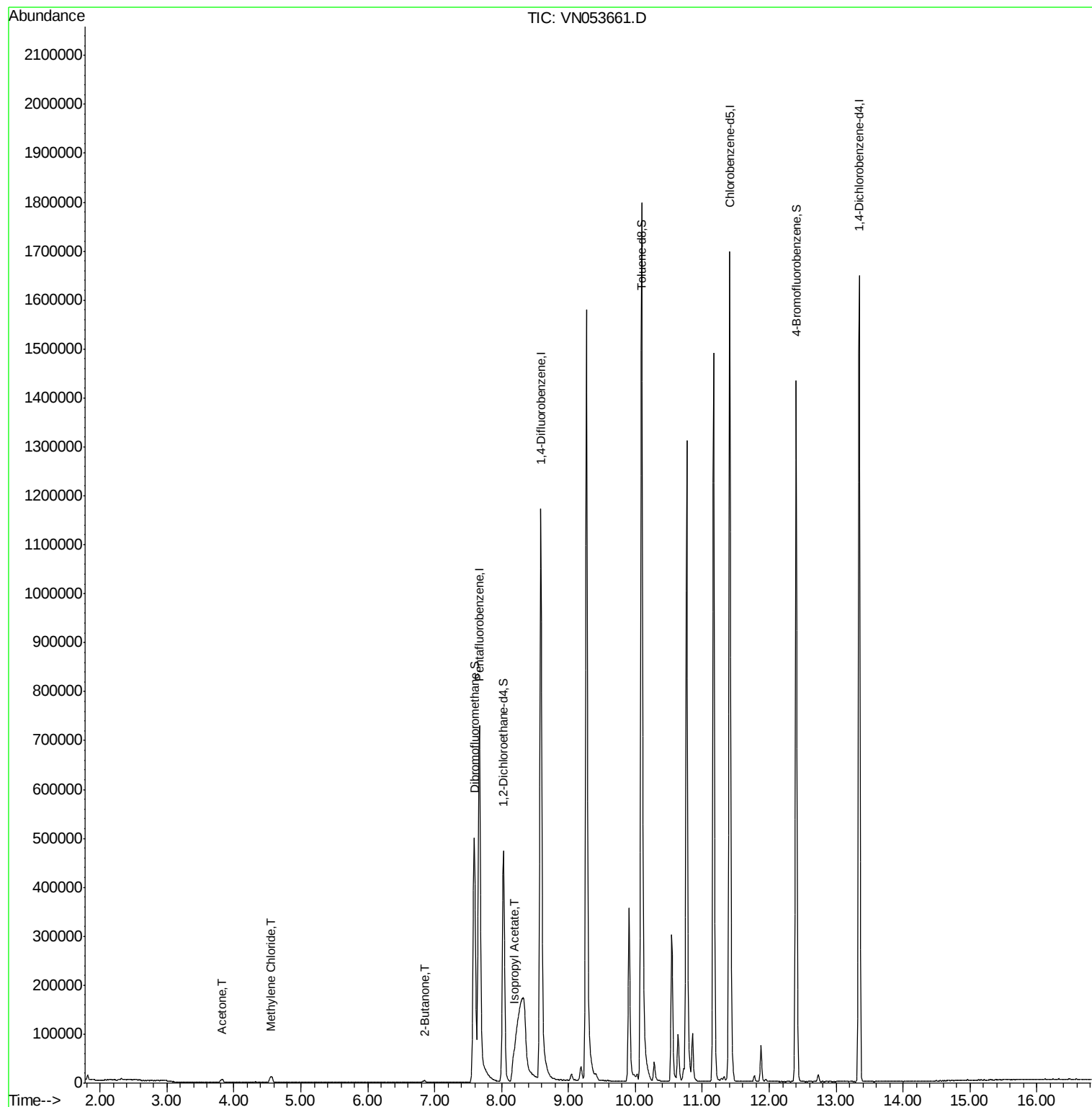
Quant Time: Feb 09 01:06:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	739449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1238286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1137316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	475022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	401180	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
35) Dibromofluoromethane	7.59	113	395143	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.09	98	1492753	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	493793	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
Target Compounds						
16) Acetone	3.82	43	13117	6.894	ug/l	97
20) Methylene Chloride	4.56	84	10241	1.283	ug/l	98
25) 2-Butanone	6.84	43	5369	1.978	ug/l	95
43) Isopropyl Acetate	8.18	43	47645m	3.957	ug/l	

(#) = 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: VN053661.D

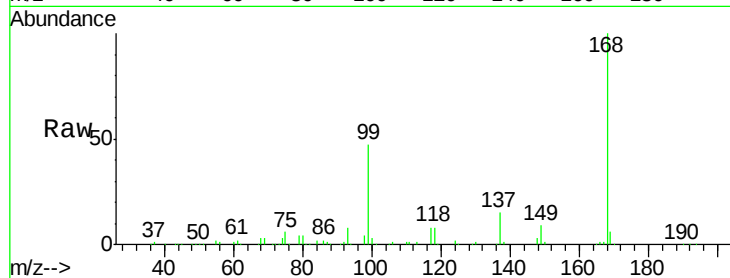
Acq: 7 Feb 2019 17:40

Tot Ion:168 Resp: 739449

Ion Ratio Lower Upper

168 100

99 47.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053561.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053561.D (-1813) (-)

7.67

300000

250000

200000

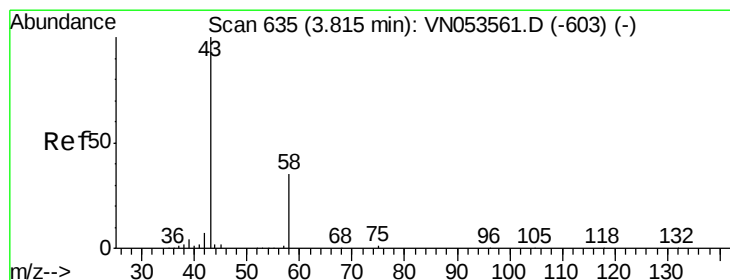
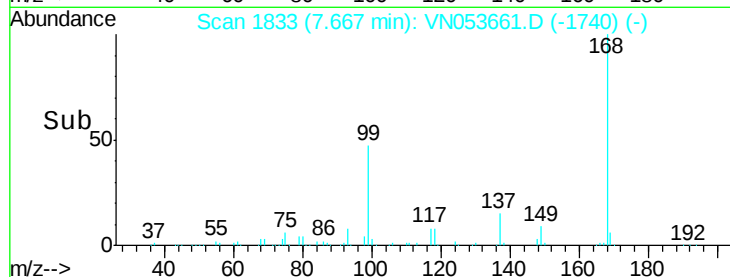
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.894 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053661.D

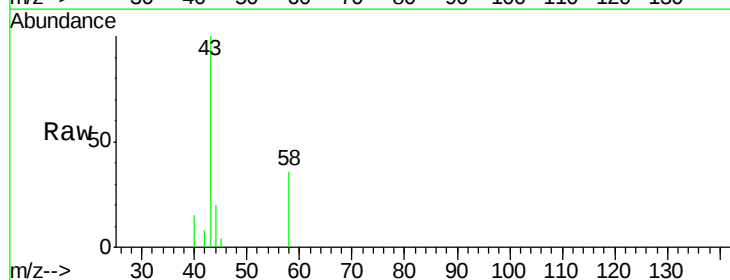
Acq: 7 Feb 2019 17:40

Tgt Ion: 43 Resp: 13117

Ion Ratio Lower Upper

43 100

58 35.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-603) (-)

3.82

5000

4000

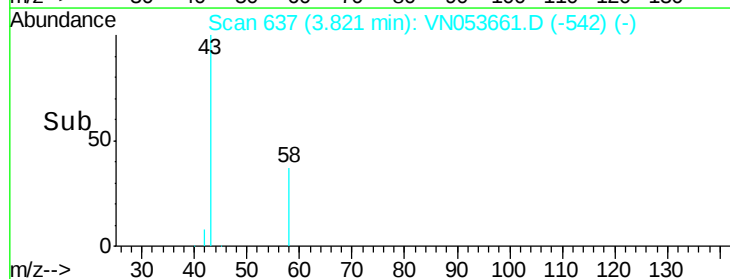
3000

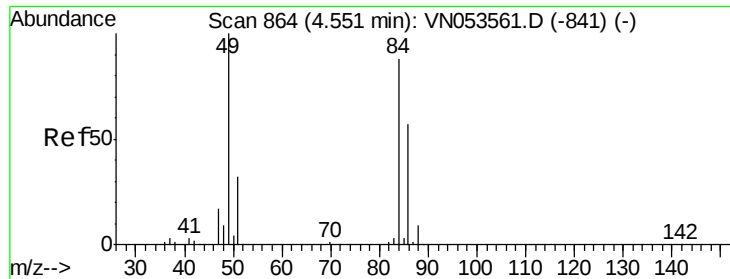
2000

1000

0

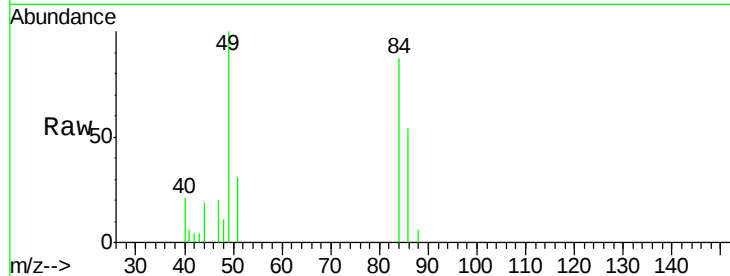
Time--> 3.75 3.80 3.85 3.90



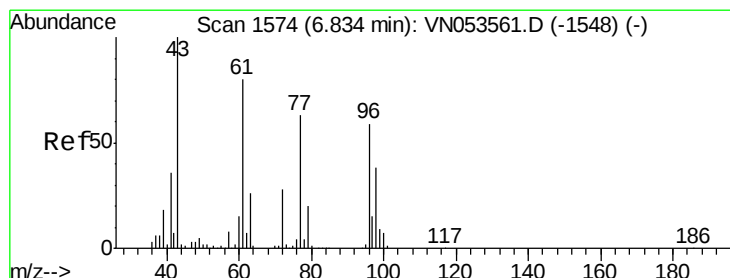
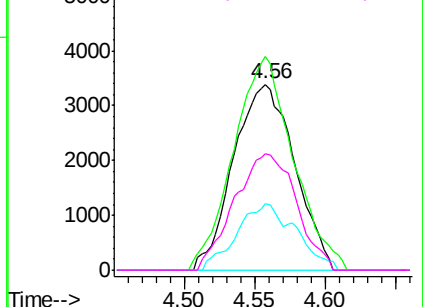
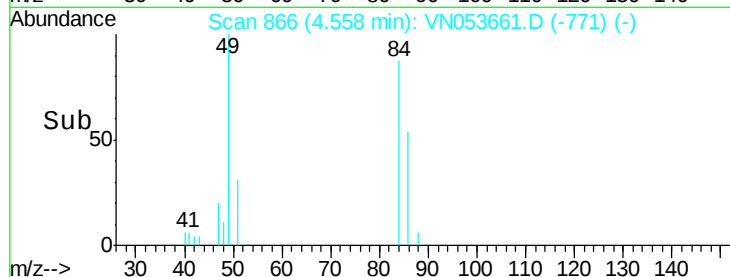


#20
Methvlene Chloride
Concen: 1.283 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053661.D
Acq: 7 Feb 2019 17:40

Tot Ion:	84	Resp:	10241
Ion	Ratio	Lower	Upper
84	100		
49	114.8	94.3	141.5
51	36.0	29.4	44.2
86	62.4	51.4	77.0

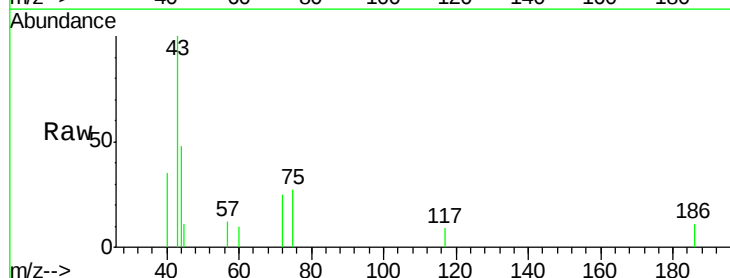


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

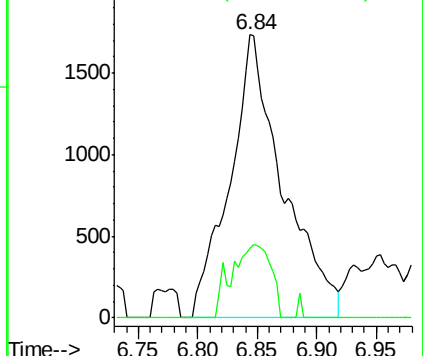
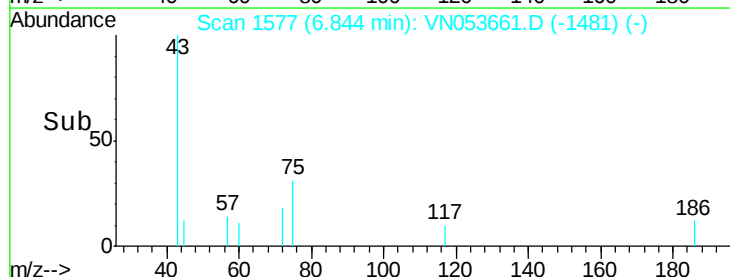


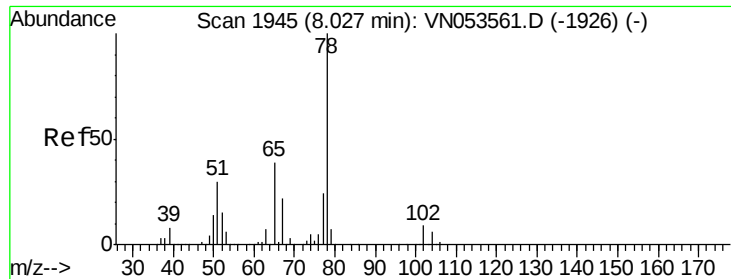
#25
2-Butanone
Concen: 1.978 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053661.D
Acq: 7 Feb 2019 17:40

Tgt Ion:	43	Resp:	5369
Ion	Ratio	Lower	Upper
43	100		
72	24.8	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: 54.081 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053661.D

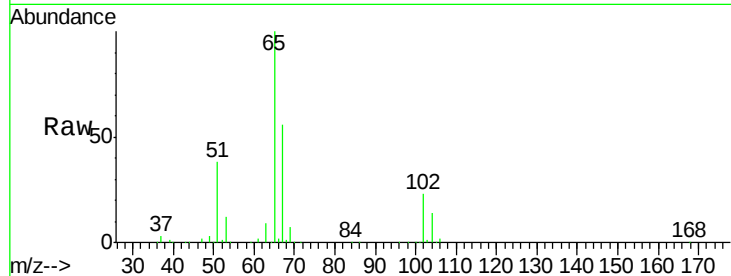
Acq: 7 Feb 2019 17:40

Tot Ion: 65 Resp: 401180

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053561.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN053561.D (-1926) (-)

8.03

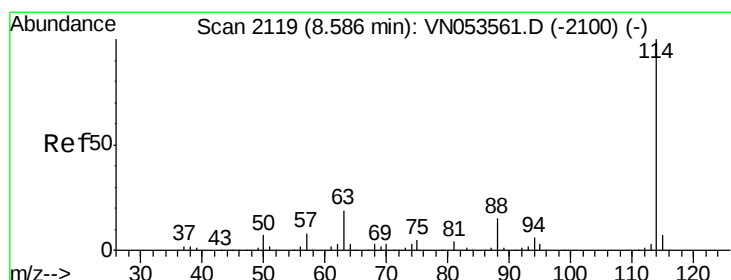
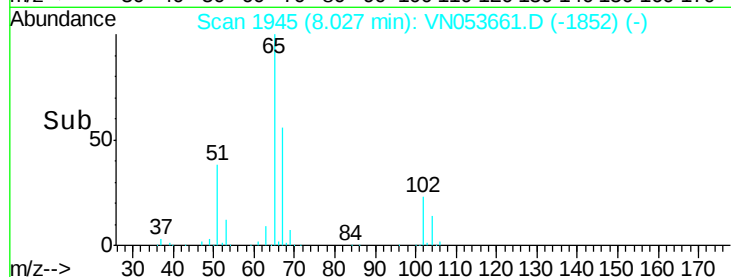
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053661.D

Acq: 7 Feb 2019 17:40

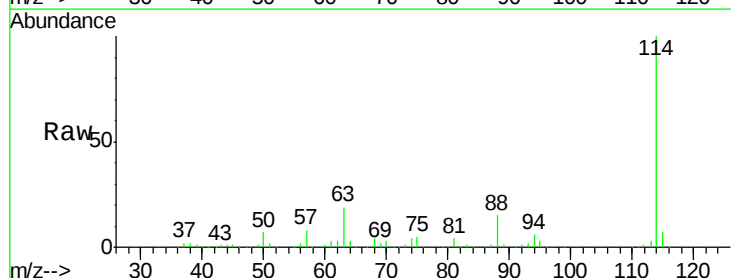
Tgt Ion: 114 Resp: 1238286

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053561.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053561.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053561.D (-2100) (-)

8.59

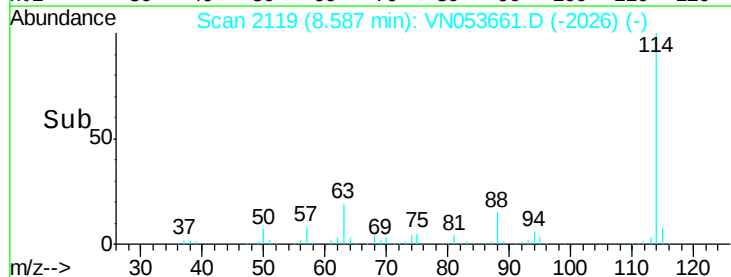
600000

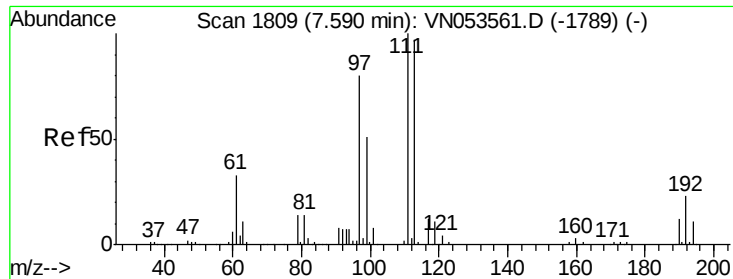
400000

200000

0

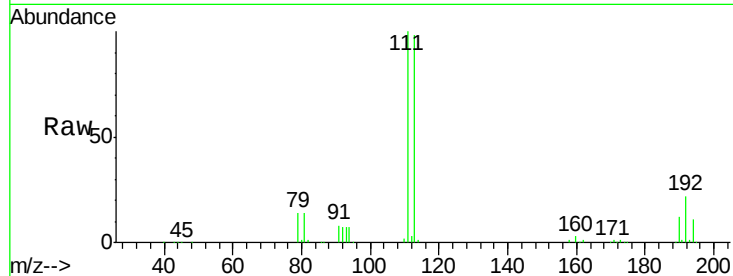
Time-->



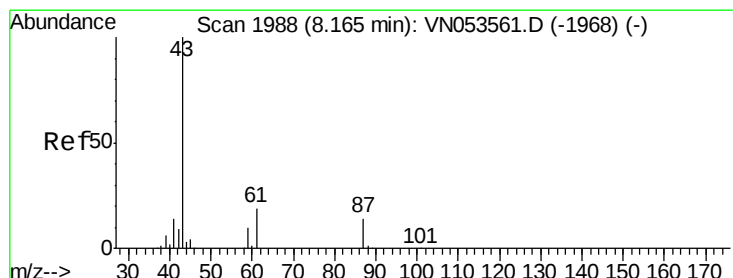
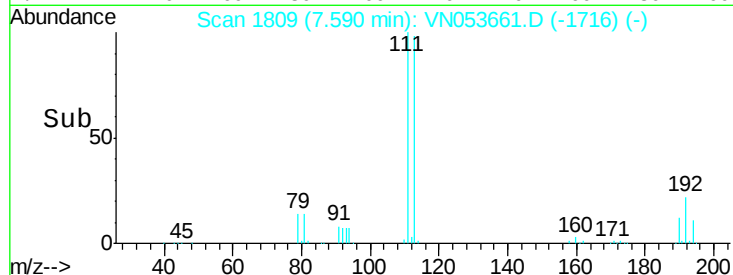
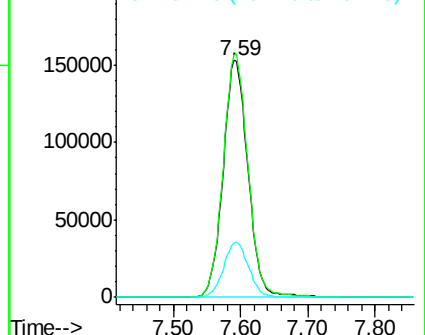


#35
 Dibromofluoromethane
 Concen: 50.502 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053661.D
 Acq: 7 Feb 2019 17:40

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	23.3	18.2	27.2

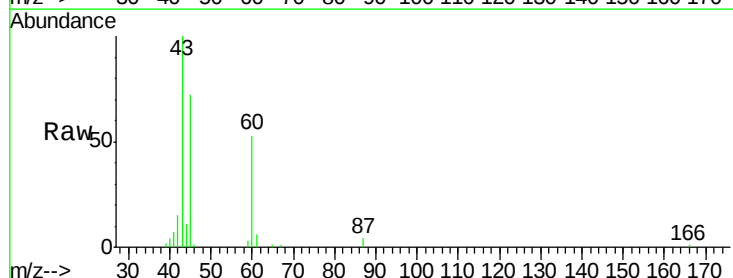


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

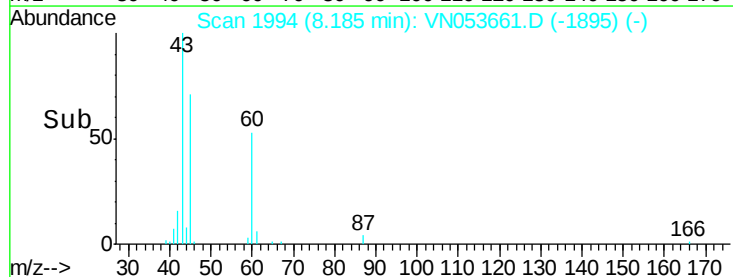
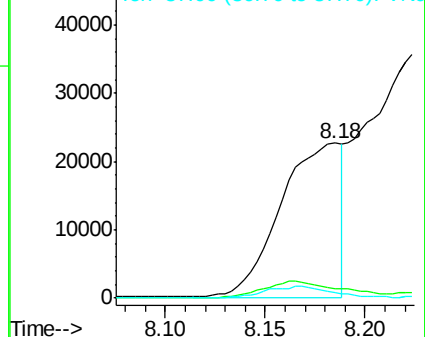


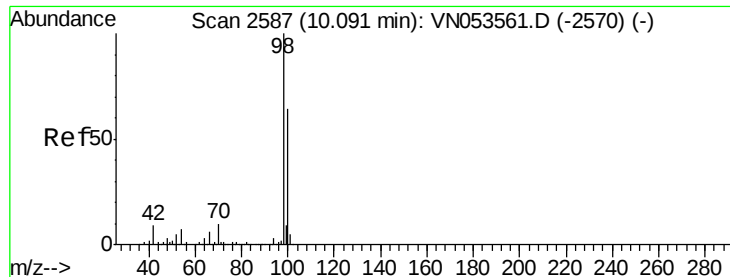
#43
 Isopropyl Acetate
 Concen: 3.957 ug/l m
 RT: 8.18 min Scan# 1994
 Delta R.T. 0.02 min
 Lab File: VN053661.D
 Acq: 7 Feb 2019 17:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.5	23.9	35.9#
87	0.0	11.0	16.6#



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: 50.810 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053661.D

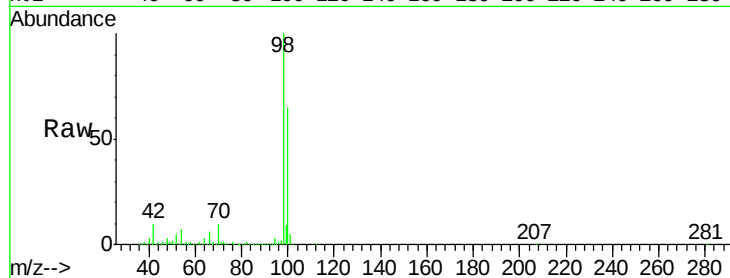
Acq: 7 Feb 2019 17:40

Tot Ion: 98 Resp: 1492753

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

600000

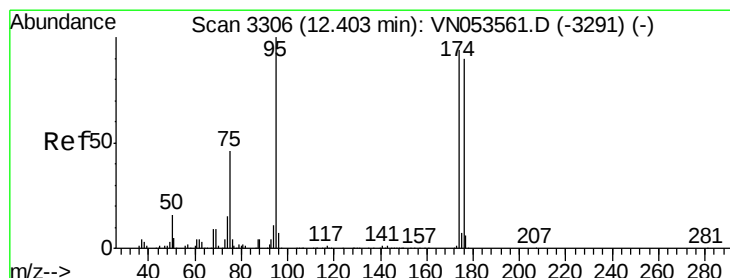
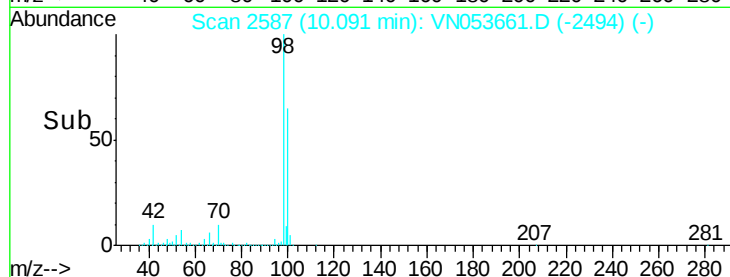
400000

200000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 50.395 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053661.D

Acq: 7 Feb 2019 17:40

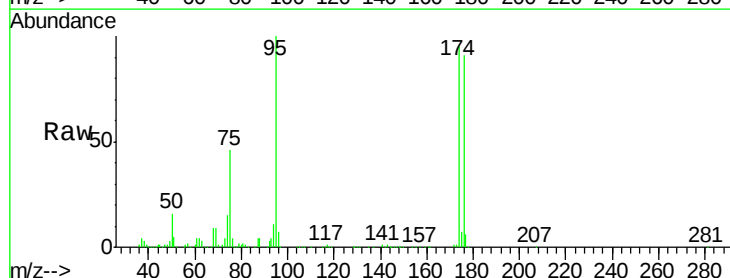
Tgt Ion: 95 Resp: 493793

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.2

176 90.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

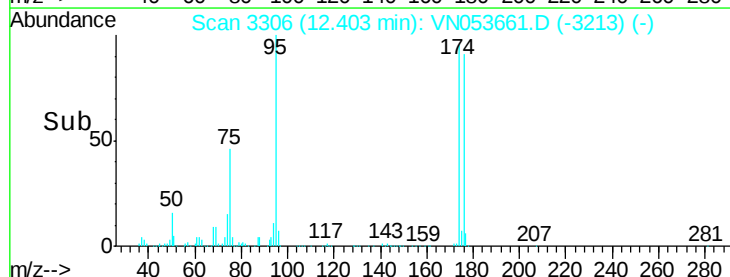
200000

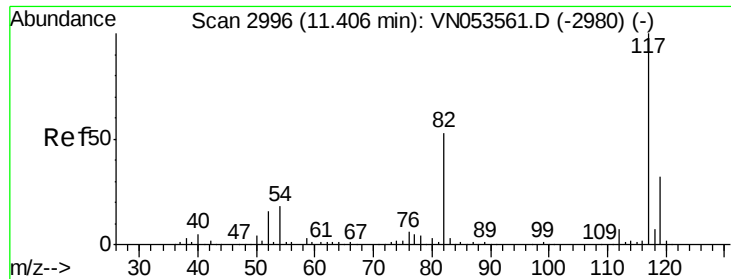
100000

0

Time-->

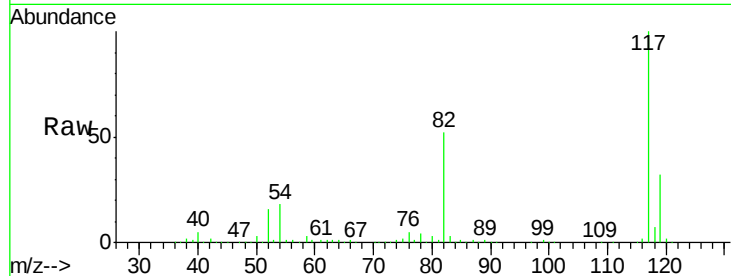
12.35 12.40 12.45



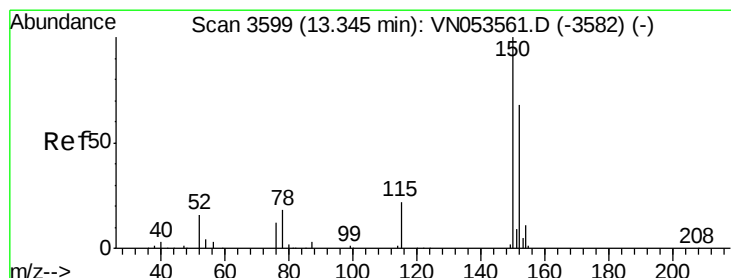
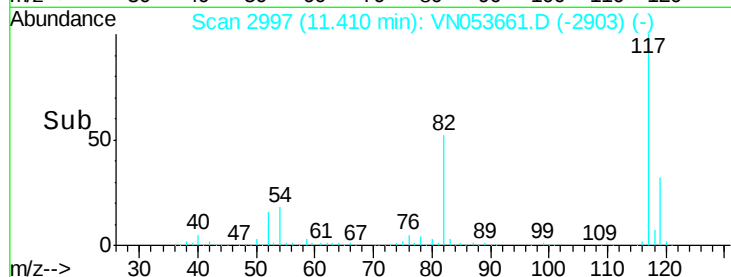
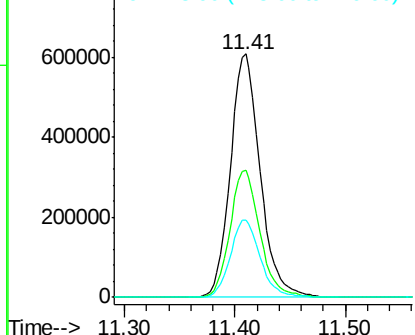


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053661.D
Acq: 7 Feb 2019 17:40

Tot Ion:117 Resp: 1137316
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 31.9 26.0 39.0

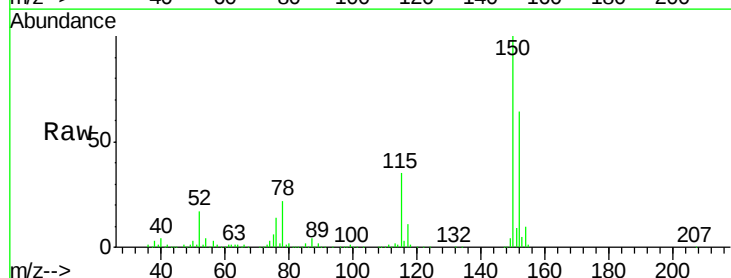


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053661.D
Acq: 7 Feb 2019 17:40

Tgt Ion:152 Resp: 475022
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 157.2 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

