

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053658.D
 Acq On : 7 Feb 2019 16:20
 Operator : JC/SP
 Sample : PB116887ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

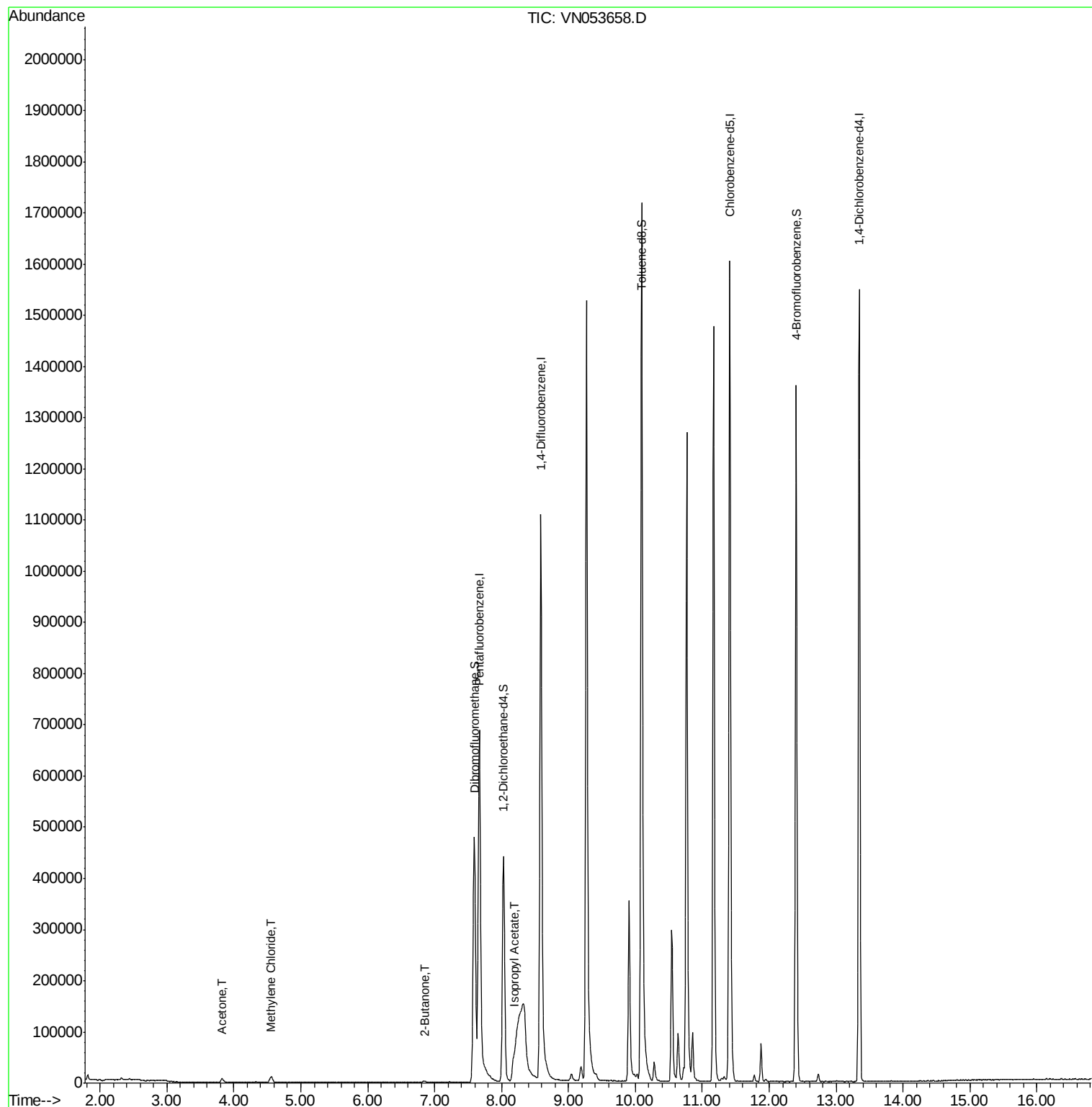
Quant Time: Feb 09 01:02:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	728058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1192554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1083991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	453745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	383156	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	7.59	113	377371	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.09	98	1432945	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	474926	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
Target Compounds						
16) Acetone	3.83	43	12199	6.512	ug/l	94
20) Methylene Chloride	4.55	84	9460	1.204	ug/l	93
25) 2-Butanone	6.85	43	5571	2.085	ug/l	93
43) Isopropyl Acetate	8.18	43	37966m	3.274	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# 1834

Delta R.T. 0.00 min

Lab File: VN053658.D

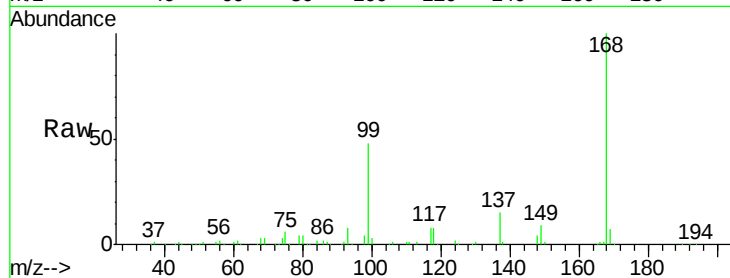
Acq: 7 Feb 2019 16:20

Tot Ion:168 Resp: 728058

Ion Ratio Lower Upper

168 100

99 48.3 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

250000

200000

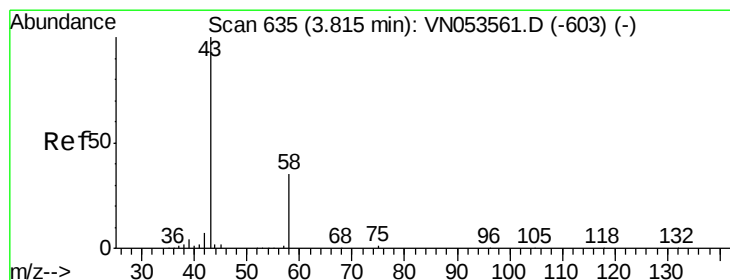
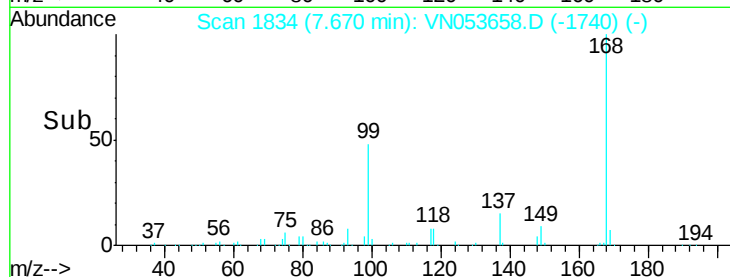
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.512 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN053658.D

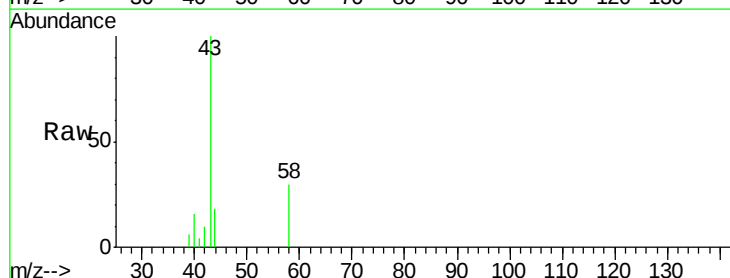
Acq: 7 Feb 2019 16:20

Tgt Ion: 43 Resp: 12199

Ion Ratio Lower Upper

43 100

58 30.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

5000

4000

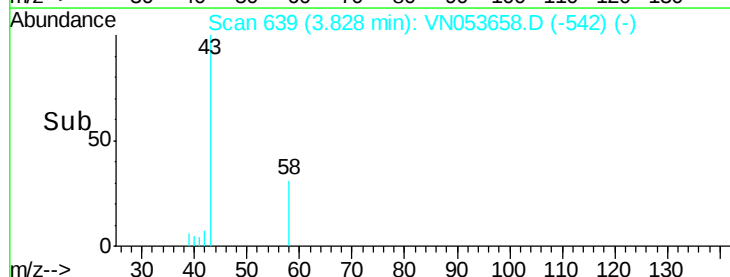
3000

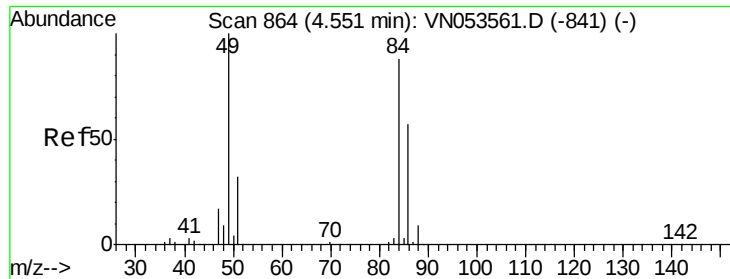
2000

1000

0

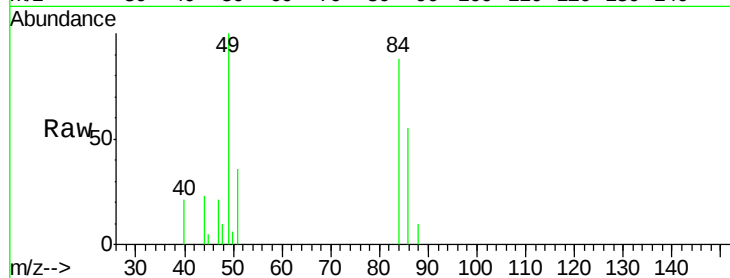
Time-->



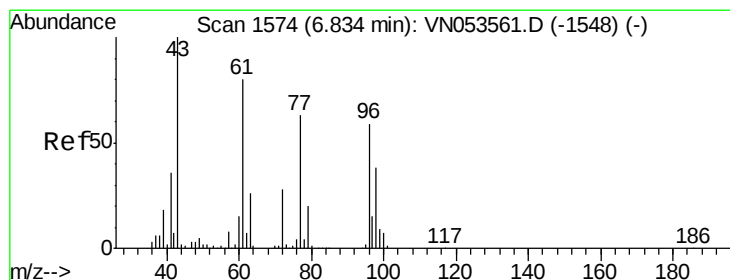
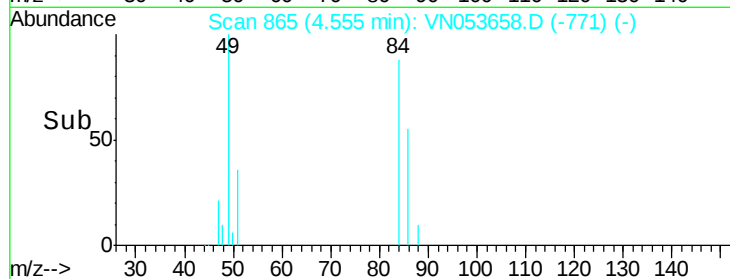
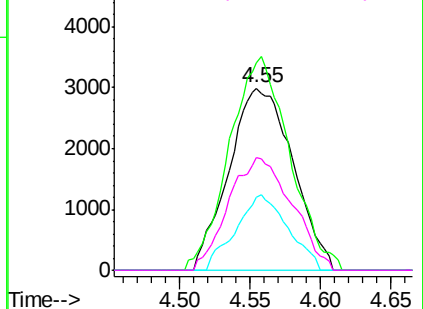


#20
Methvlene Chloride
Concen: 1.204 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053658.D
Acq: 7 Feb 2019 16:20

Tot Ion: 84 Resp: 9460
Ion Ratio Lower Upper
84 100
49 108.2 94.3 141.5
51 40.4 29.4 44.2
86 62.1 51.4 77.0

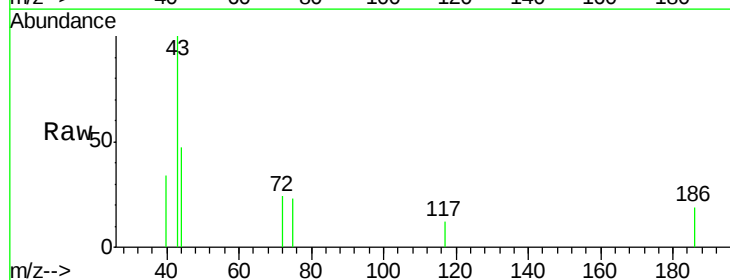


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

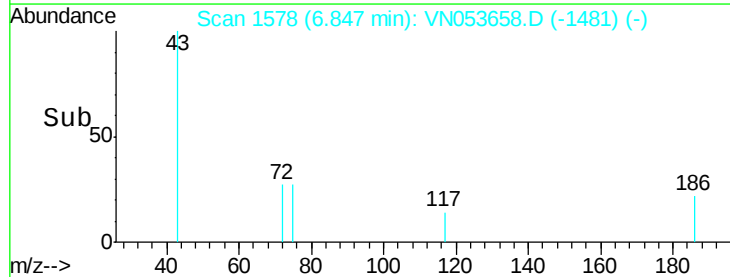
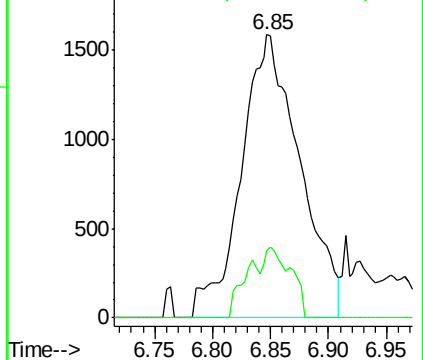


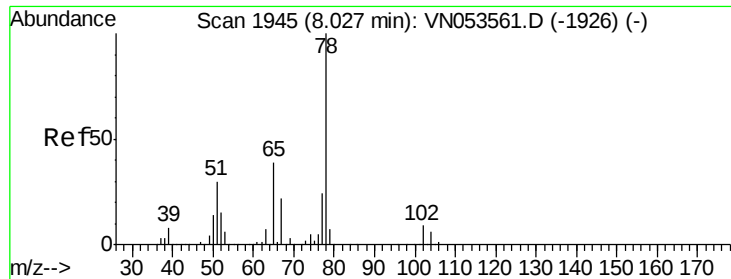
#25
2-Butanone
Concen: 2.085 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053658.D
Acq: 7 Feb 2019 16:20

Tgt Ion: 43 Resp: 5571
Ion Ratio Lower Upper
43 100
72 23.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 52.460 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053658.D

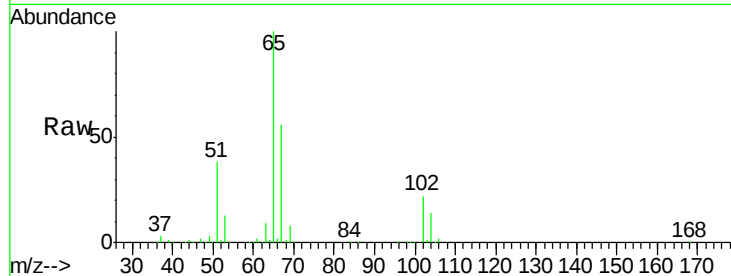
Acq: 7 Feb 2019 16:20

Tot Ion: 65 Resp: 383156

Ion Ratio Lower Upper

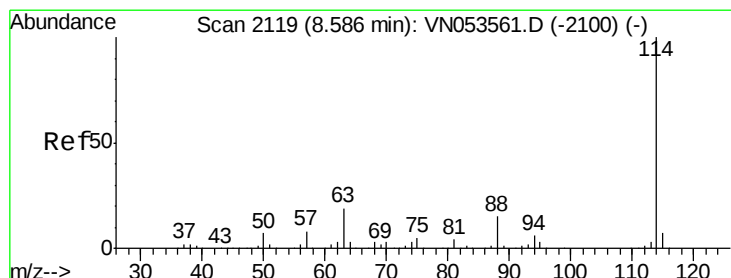
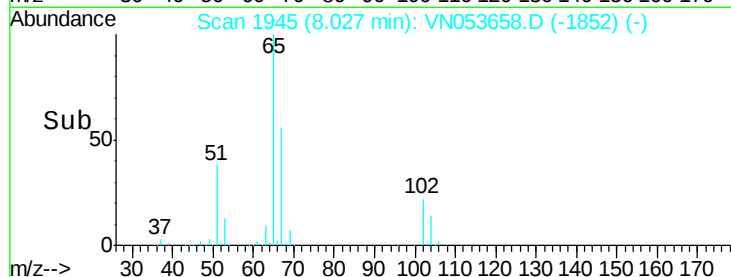
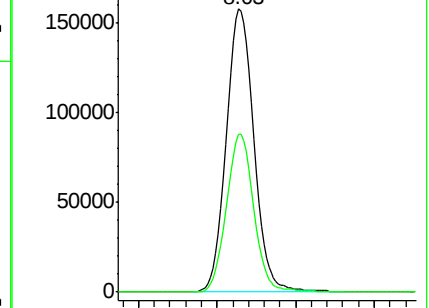
65 100

67 54.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053658.D

Acq: 7 Feb 2019 16:20

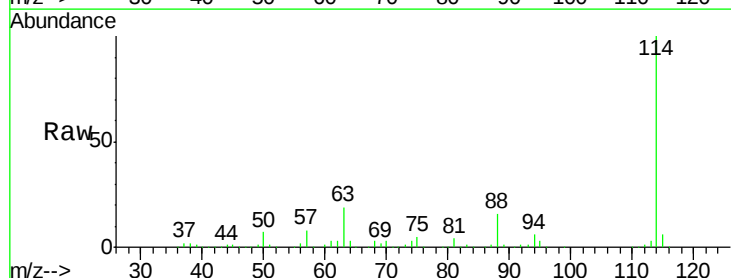
Tgt Ion: 114 Resp: 1192554

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

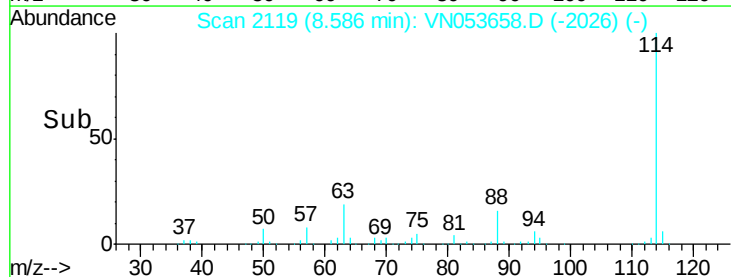
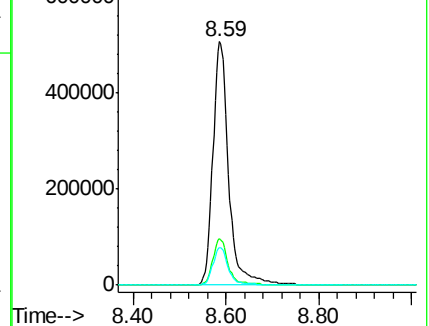
88 15.6 0.0 30.4

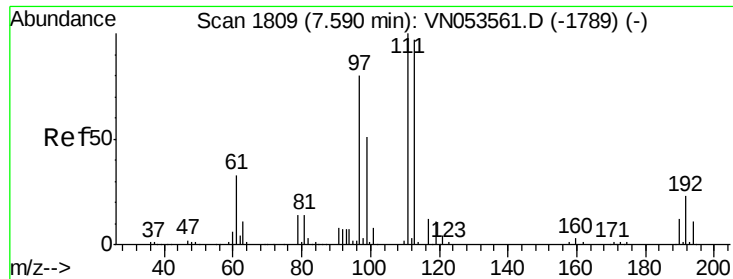


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

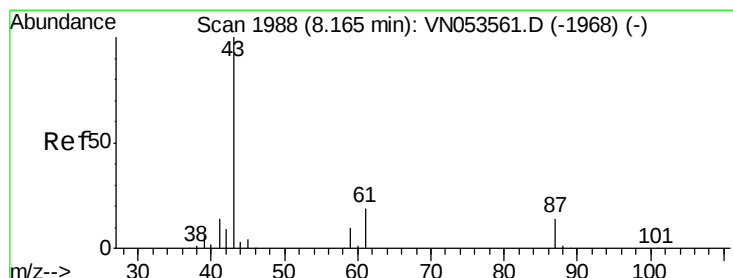
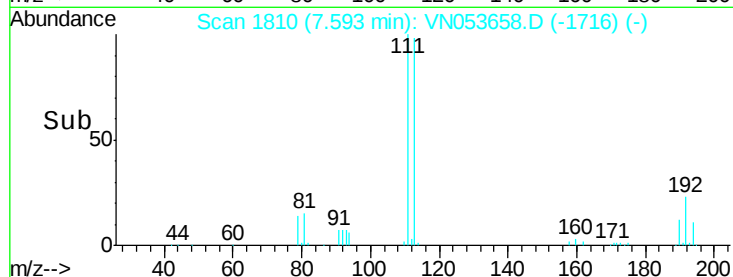
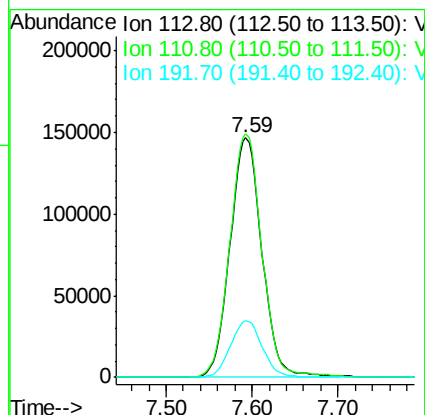
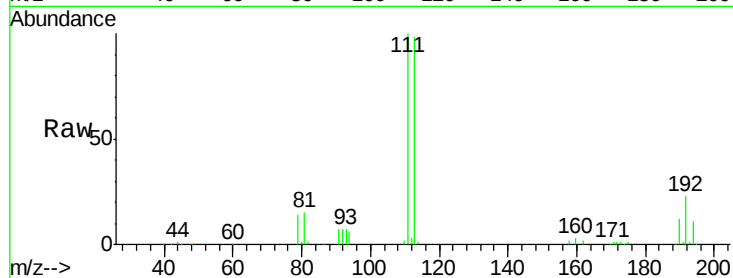
Ion 87.90 (87.60 to 88.60): VN0





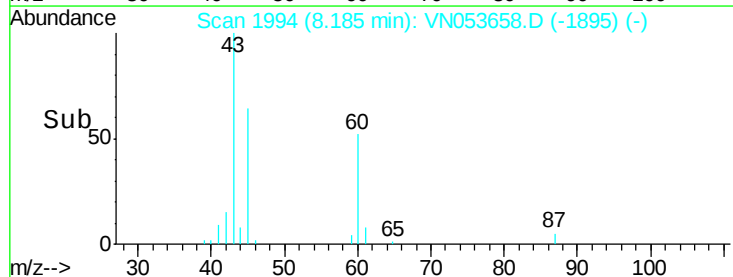
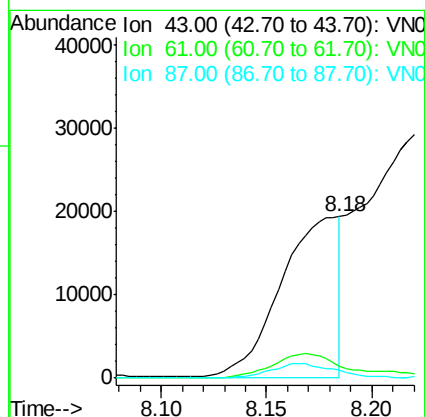
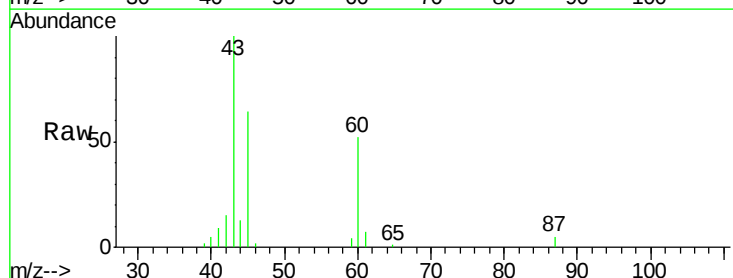
#35
 Dibromofluoromethane
 Concen: 50.080 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053658.D
 Acq: 7 Feb 2019 16:20

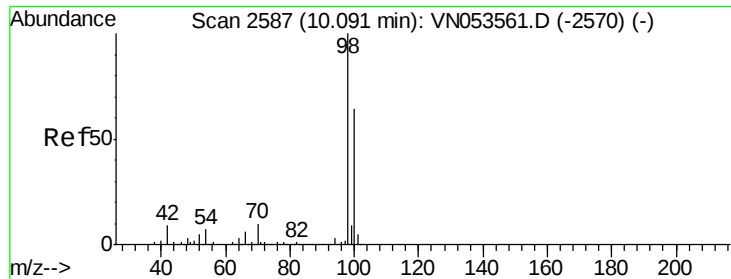
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	23.7	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 3.274 ug/l m
 RT: 8.18 min Scan# 1994
 Delta R.T. 0.02 min
 Lab File: VN053658.D
 Acq: 7 Feb 2019 16:20

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





#50

Toluene-d8

Concen: 50.645 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053658.D

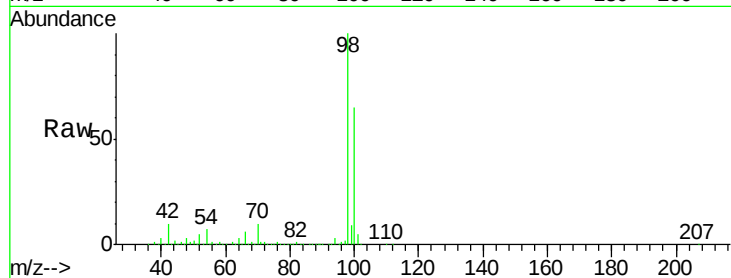
Acq: 7 Feb 2019 16:20

Tot Ion: 98 Resp: 1432945

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053658.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053658.D (-2494) (-)

800000

600000

400000

200000

0

10.09

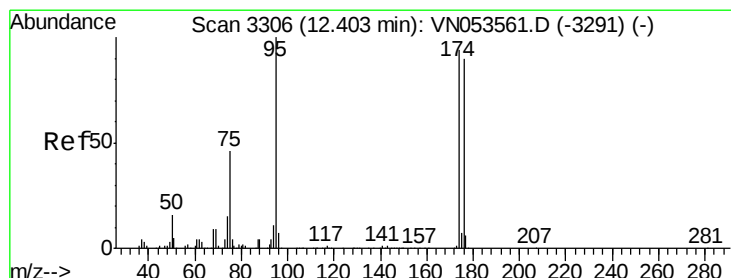
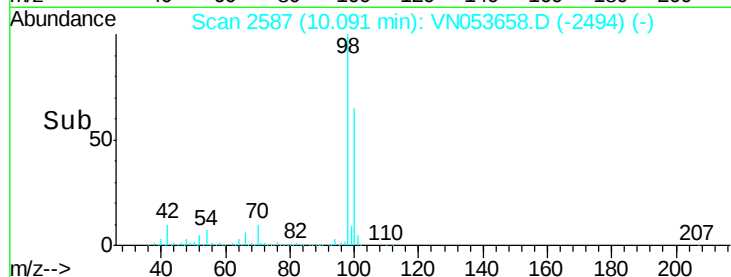
10.00

10.10

10.20

10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 50.329 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053658.D

Acq: 7 Feb 2019 16:20

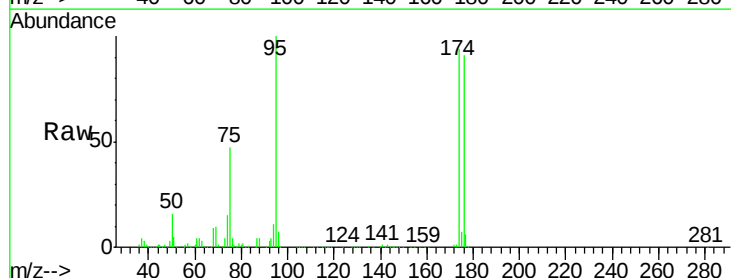
Tgt Ion: 95 Resp: 474926

Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.2

176 90.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053658.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053658.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053658.D (-3213) (-)

300000

200000

100000

0

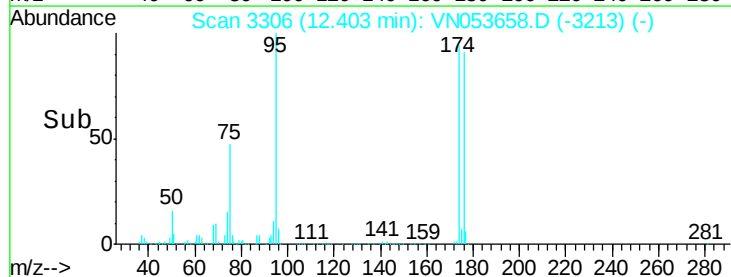
12.40

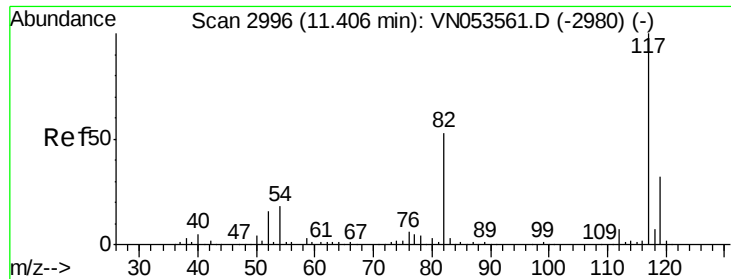
12.30

12.40

12.50

Time-->

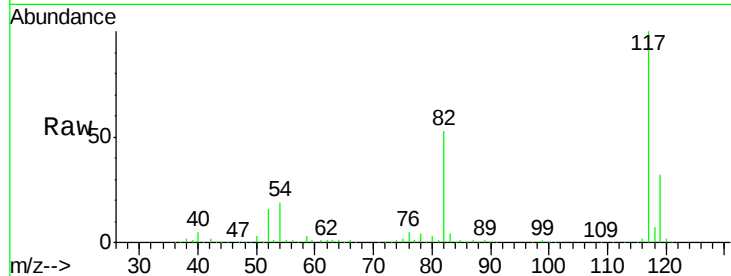




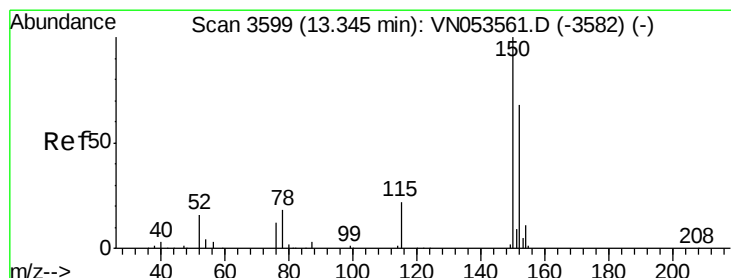
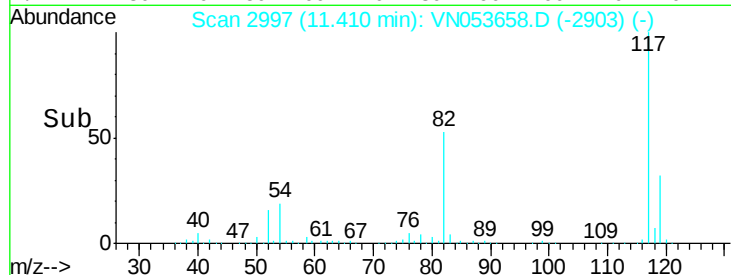
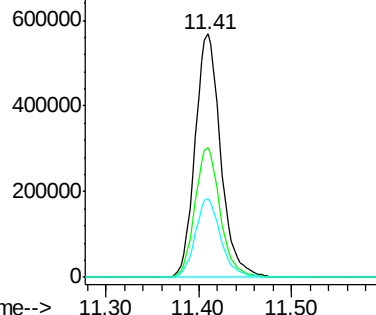
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053658.D
Acq: 7 Feb 2019 16:20

Tot Ion:117 Resp: 1083991

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.9	64.3
119	32.4	26.0	39.0



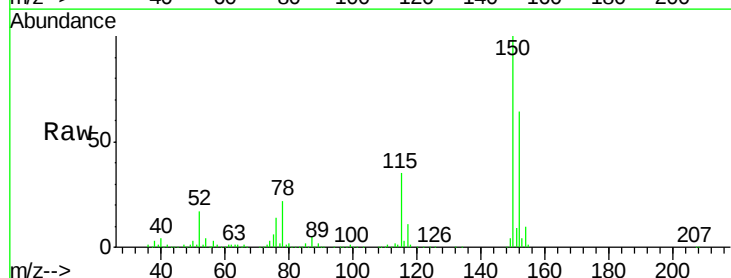
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053658.D
Acq: 7 Feb 2019 16:20

Tgt Ion:152 Resp: 453745

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.8	83.4
150	155.5	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

