

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053442.D
 Acq On : 17 Jan 2019 18:40
 Operator : JC/SP
 Sample : PB116439ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

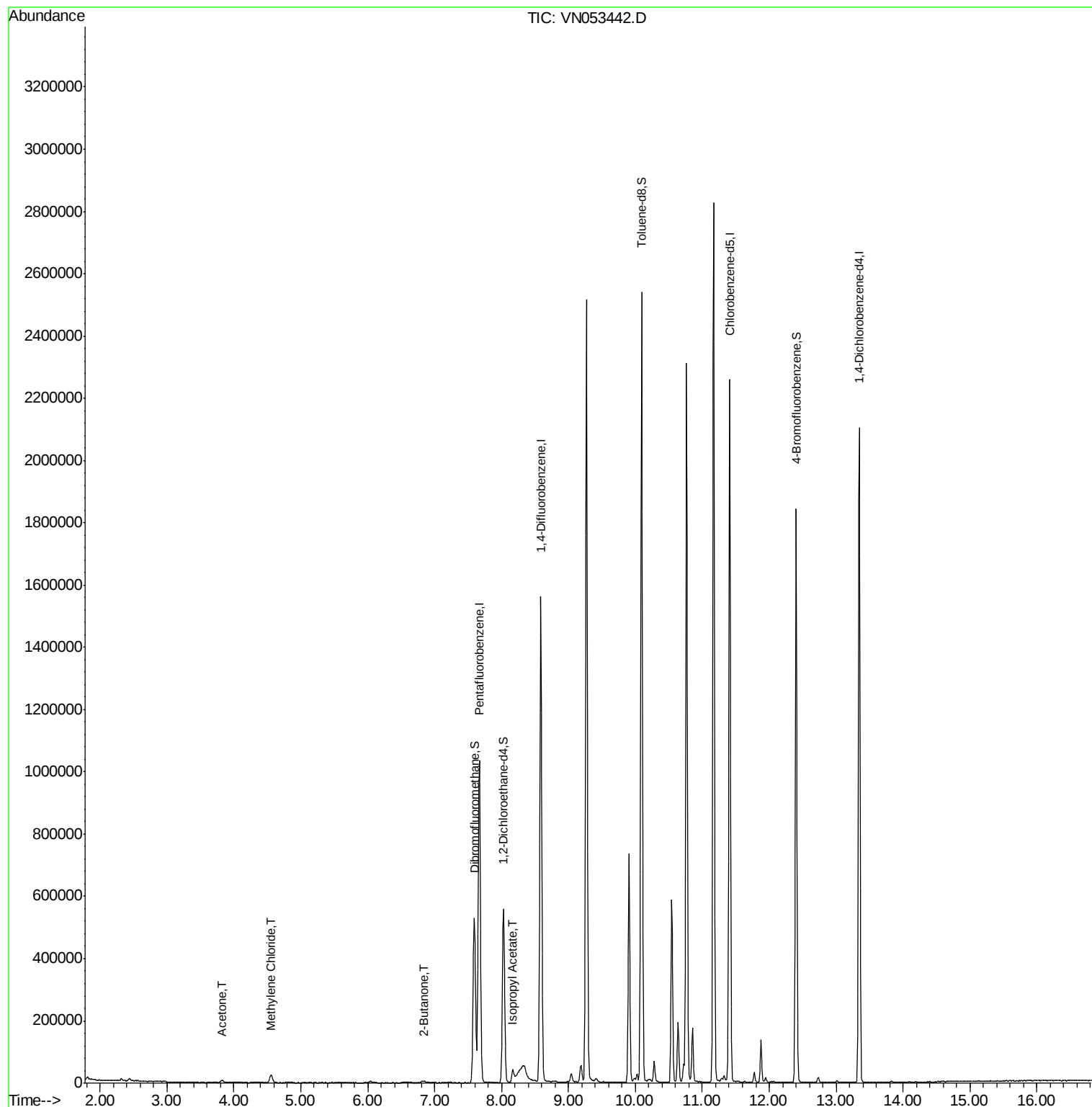
Quant Time: Jan 18 00:57:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	915838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1440962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1376337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	605691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	466424	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
35) Dibromofluoromethane	7.59	113	417179	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.09	98	1812314	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.40	95	631695	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
Target Compounds						
16) Acetone	3.82	43	12804m	6.029	ug/l	
20) Methylene Chloride	4.56	84	19277	1.988	ug/l	94
25) 2-Butanone	6.84	43	7091m	2.167	ug/l	
43) Isopropyl Acetate	8.17	43	54269	3.997	ug/l #	84

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011719\
Data File : VN053442.D
Acq On : 17 Jan 2019 18:40
Operator : JC/SP
Sample : PB116439ZHE#04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 28

Quant Time: Jan 18 00:57:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
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: VN053442.D

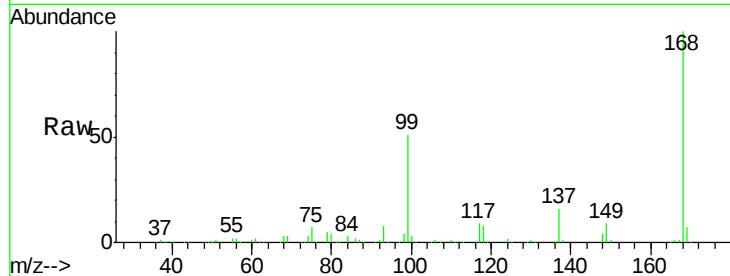
Acq: 17 Jan 2019 18:40

Tot Ion:168 Resp: 915838

Ion Ratio Lower Upper

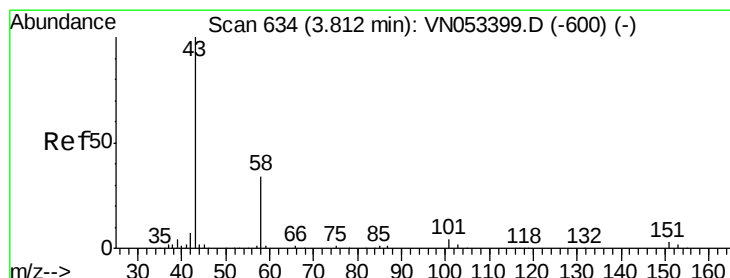
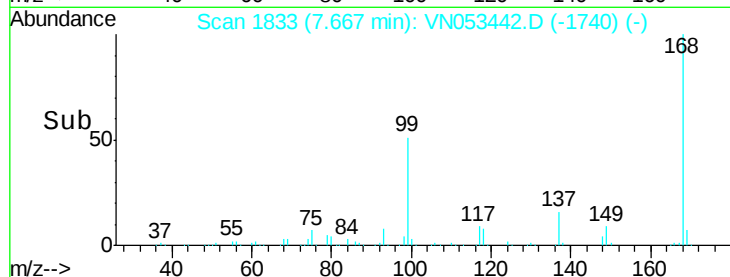
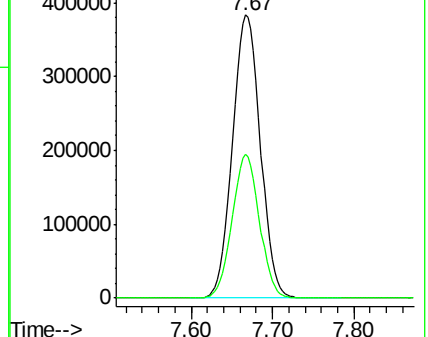
168 100

99 51.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.029 ug/l m

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053442.D

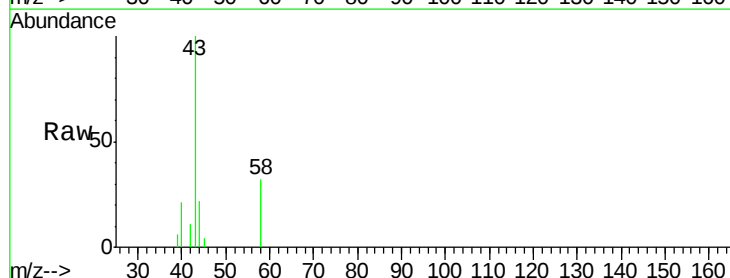
Acq: 17 Jan 2019 18:40

Tgt Ion: 43 Resp: 12804

Ion Ratio Lower Upper

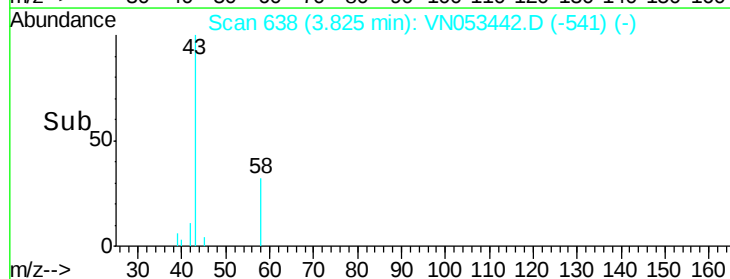
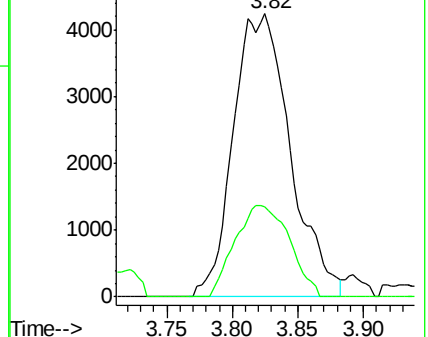
43 100

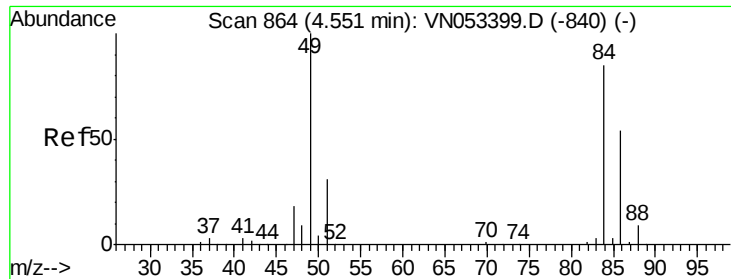
58 31.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

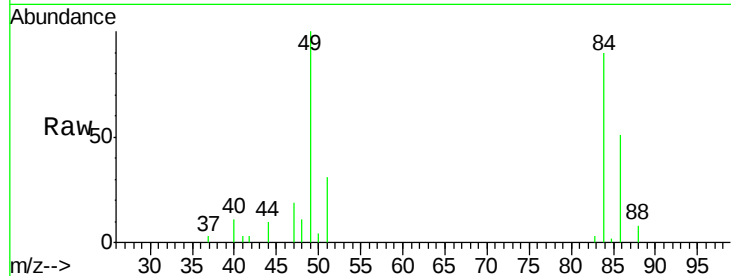
Ion 58.00 (57.70 to 58.70): VNO





#20
Methvlene Chloride
Concen: 1.988 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053442.D
Acq: 17 Jan 2019 18:40

Tot Ion:	84	Resp:	19277
Ion	Ratio	Lower	Upper
84	100		
49	111.7	94.3	141.5
51	34.8	29.4	44.2
86	57.4	51.4	77.0

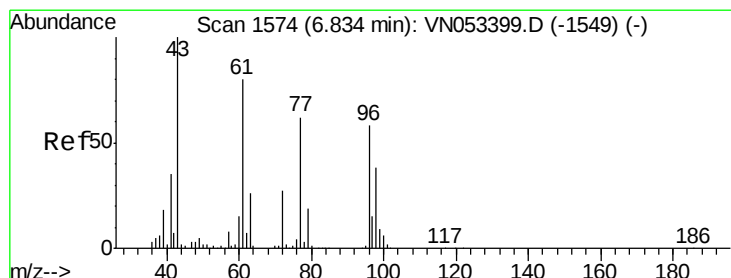
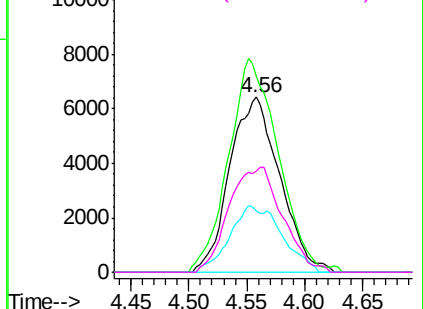
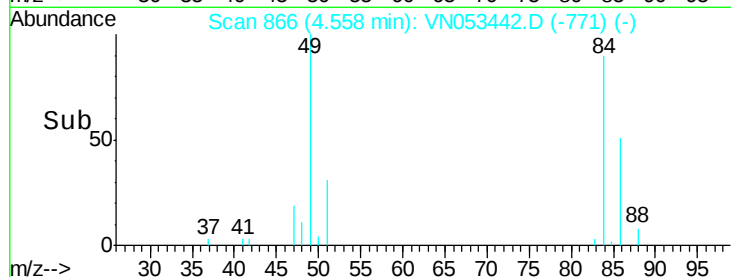


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

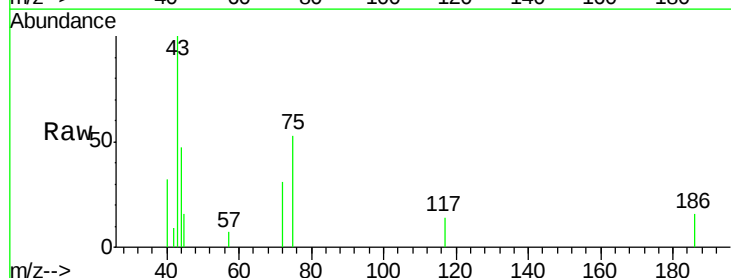
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



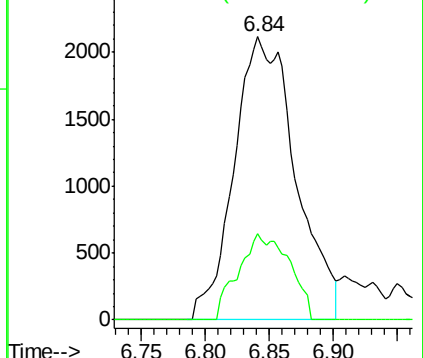
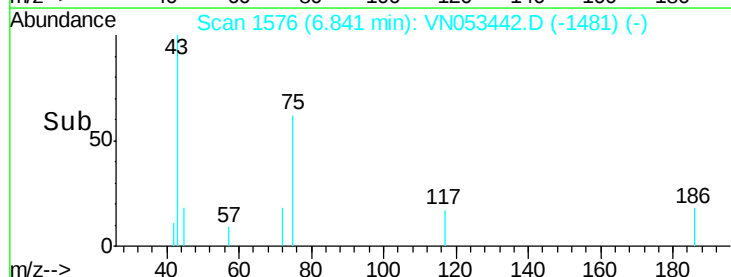
#25
2-Butanone
Concen: 2.167 ug/l m
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053442.D
Acq: 17 Jan 2019 18:40

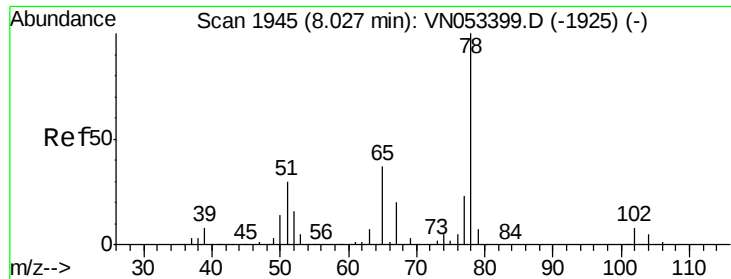
Tgt Ion:	43	Resp:	7091
Ion	Ratio	Lower	Upper
43	100		
72	30.6	22.0	33.0



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053442.D

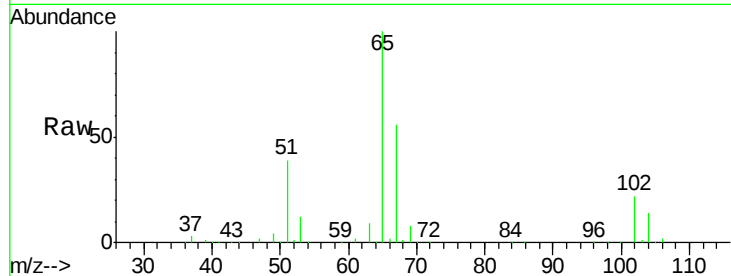
Acq: 17 Jan 2019 18:40

Tot Ion: 65 Resp: 466424

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

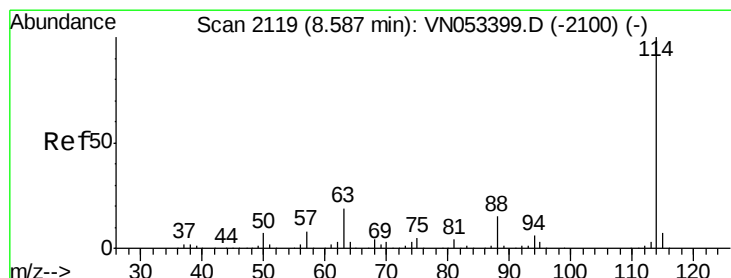
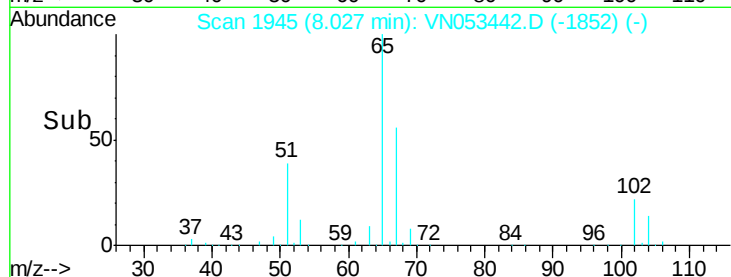
150000

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: VN053442.D

Acq: 17 Jan 2019 18:40

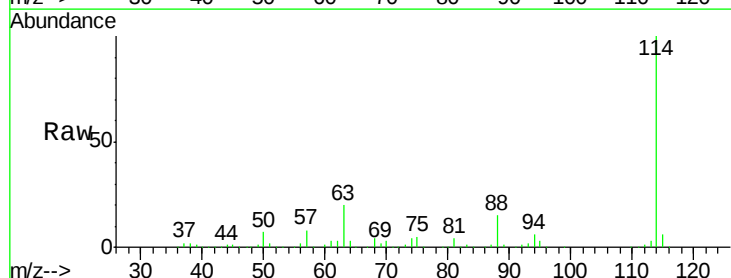
Tgt Ion:114 Resp: 1440962

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 15.4 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

8.59

800000

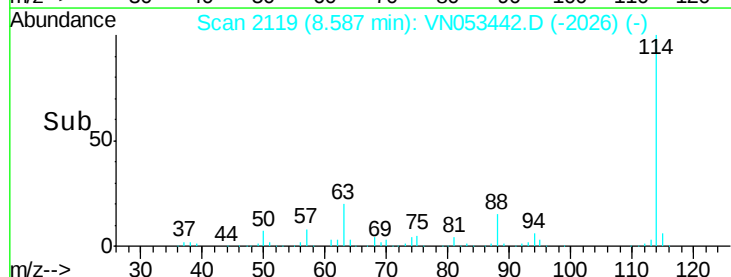
600000

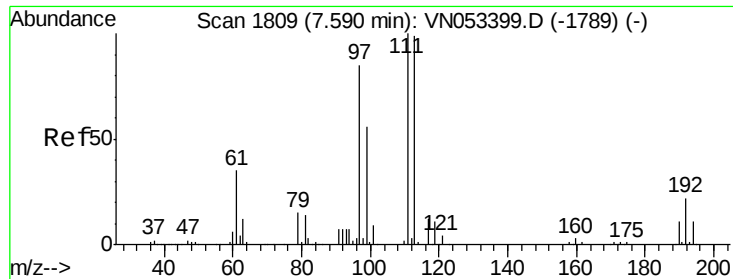
400000

200000

0

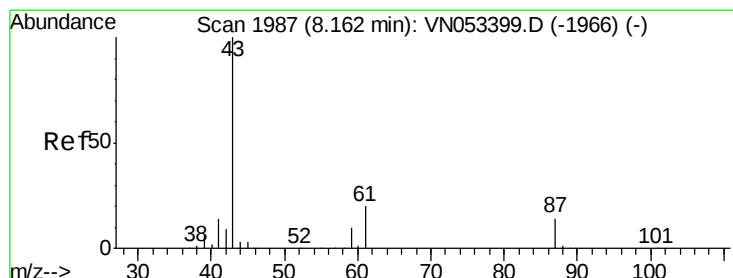
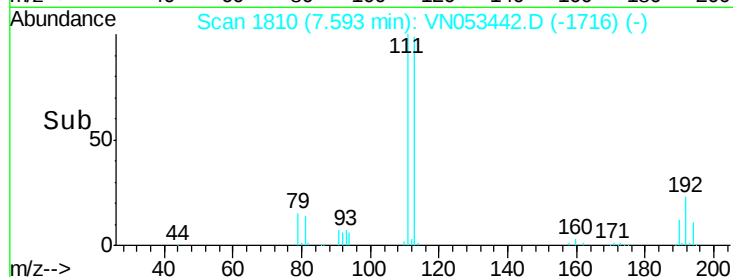
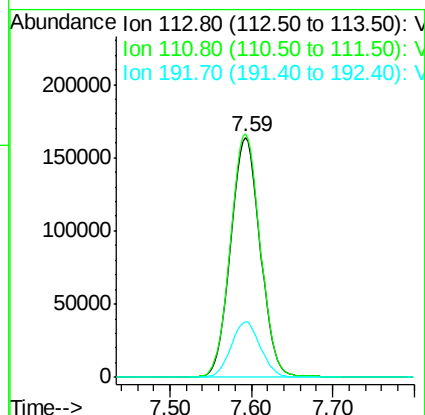
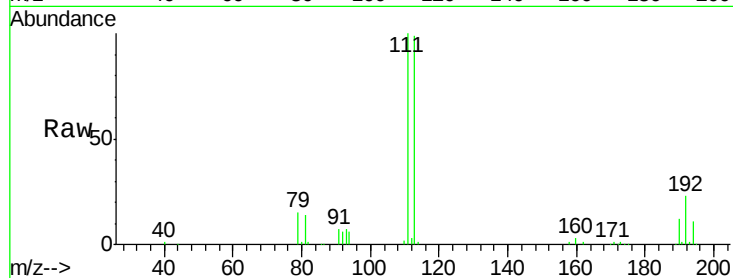
Time-->





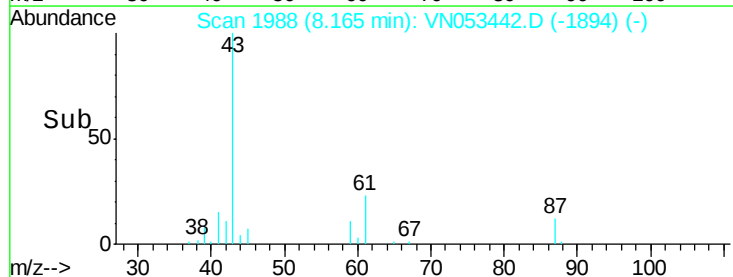
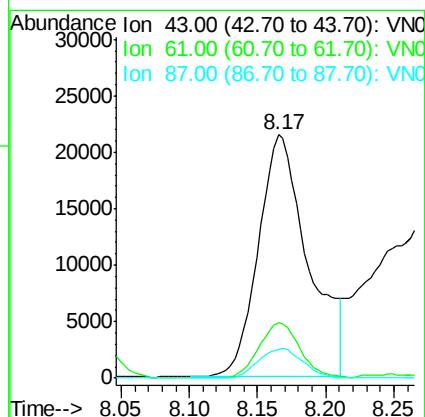
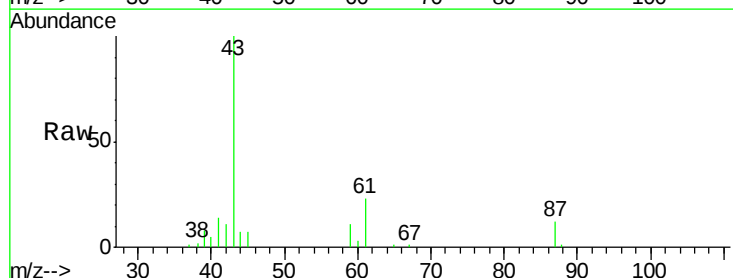
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053442.D
 Acq: 17 Jan 2019 18:40

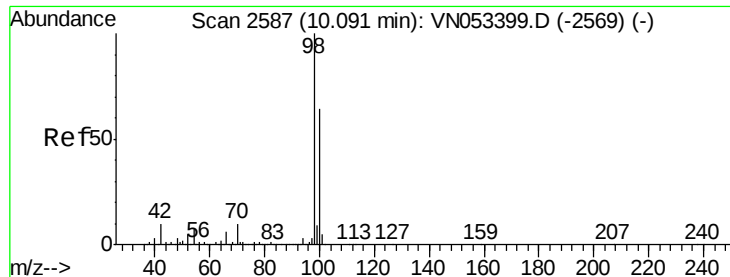
Tot Ion:113 Resp: 417179
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.1 121.7
 192 23.0 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 3.997 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053442.D
 Acq: 17 Jan 2019 18:40

Tgt Ion: 43 Resp: 54269
 Ion Ratio Lower Upper
 43 100
 61 18.8 23.9 35.9#
 87 10.7 11.0 16.6#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

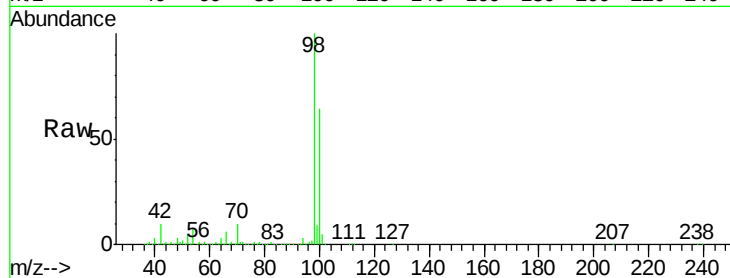
Delta R.T. 0.00 min

Lab File: VN053442.D

Acq: 17 Jan 2019 18:40

Tot Ion: 98 Resp: 1812314

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.0

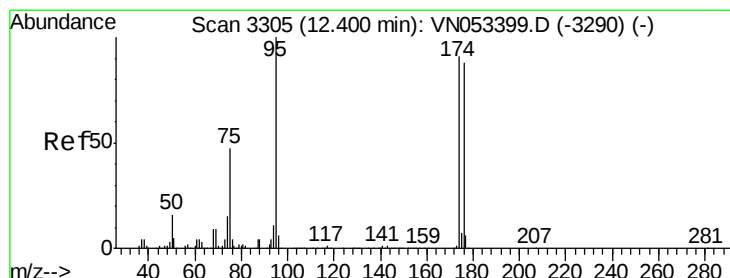
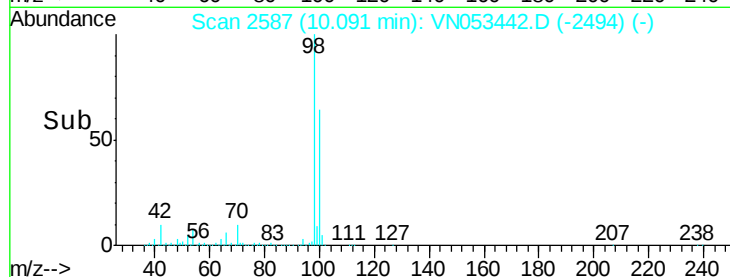


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

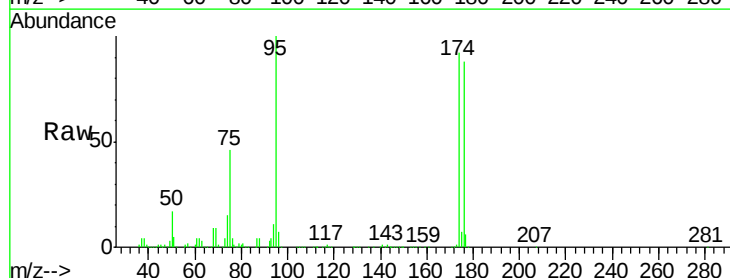
Delta R.T. 0.00 min

Lab File: VN053442.D

Acq: 17 Jan 2019 18:40

Tgt Ion: 95 Resp: 631695

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	183.2
176	88.1	0.0	177.4



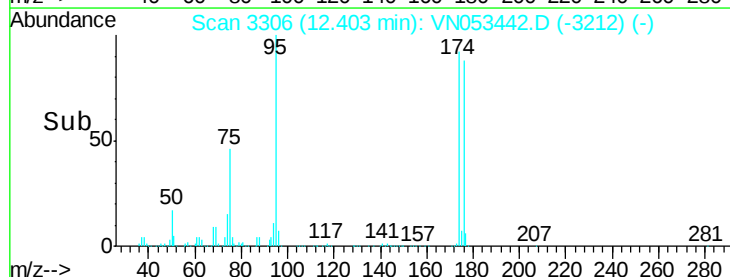
Abundance Ion 94.90 (94.60 to 95.60): VN0

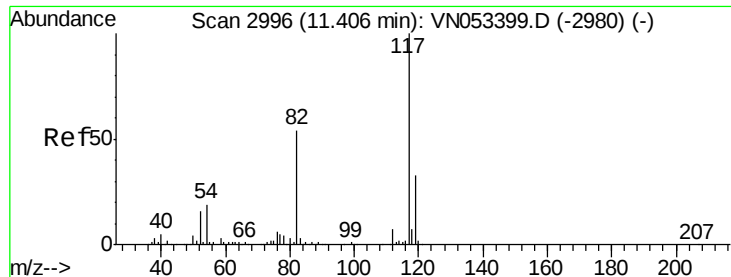
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

Time-->

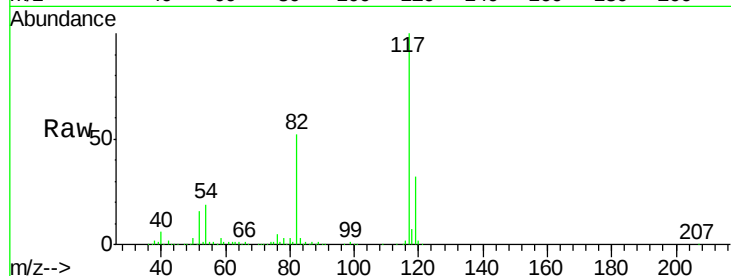




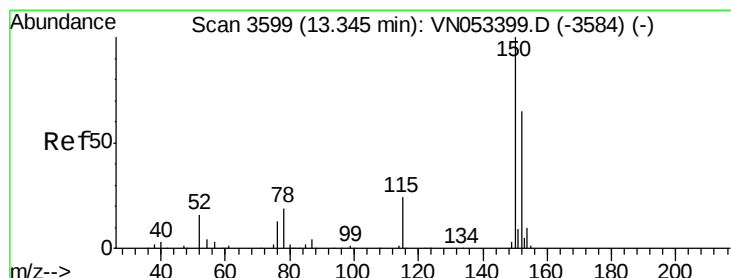
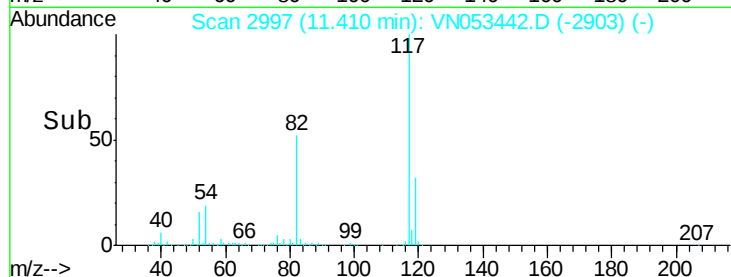
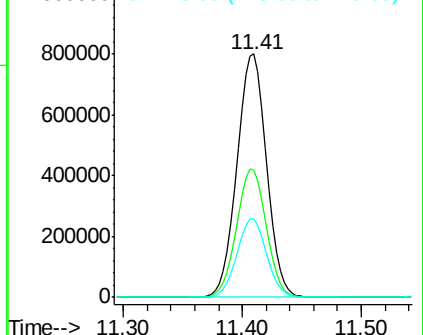
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053442.D
Acq: 17 Jan 2019 18:40

Tot Ion:117 Resp: 1376337

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.9	64.3
119	32.2	26.0	39.0



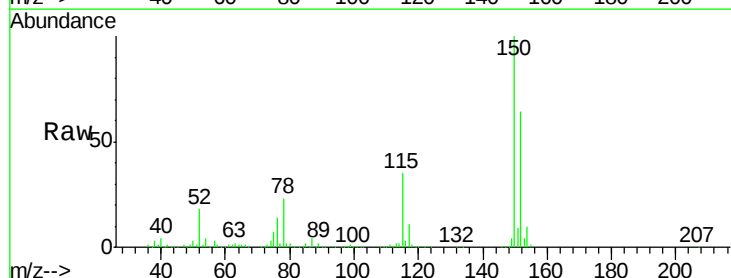
Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053442.D
Acq: 17 Jan 2019 18:40

Tgt Ion:152 Resp: 605691

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.4
150	157.7	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

