

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053653.D
 Acq On : 7 Feb 2019 14:06
 Operator : JC/SP
 Sample : PB116887ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

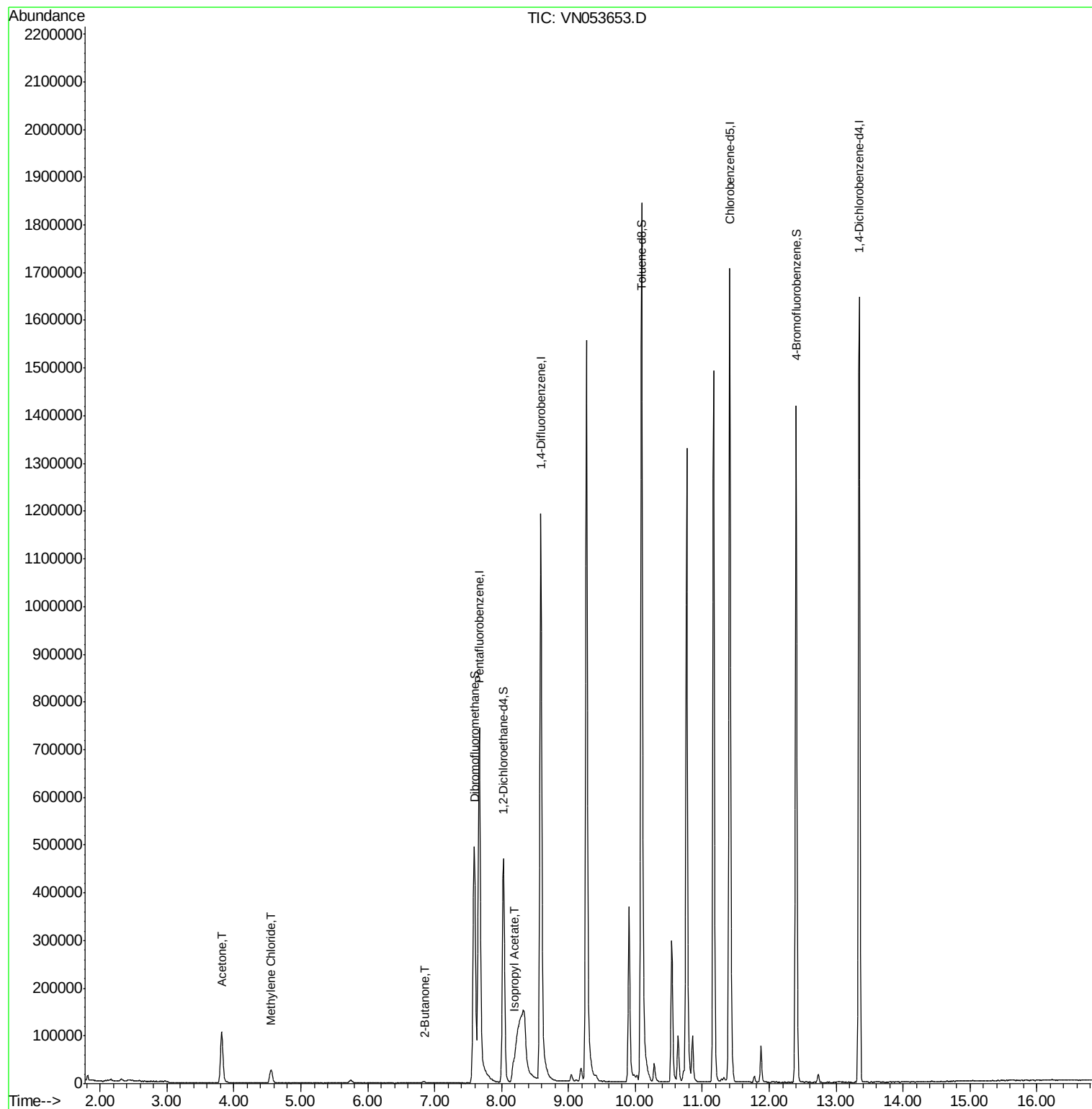
Quant Time: Feb 09 00:55:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

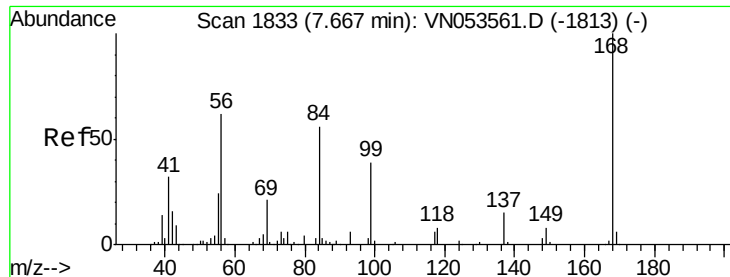
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	751015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1247806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1140654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	479524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	403561	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
35) Dibromofluoromethane	7.59	113	396371	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.09	98	1499811	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.40	95	500523	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
Target Compounds						
16) Acetone	3.82	43	182487	94.429	ug/l	98
20) Methylene Chloride	4.56	84	21730	2.680	ug/l	91
25) 2-Butanone	6.84	43	5493m	1.993	ug/l	
43) Isopropyl Acetate	8.18	43	37152m	3.062	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: VN053653.D

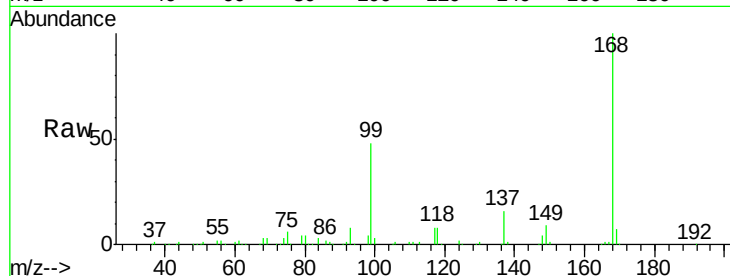
Acq: 7 Feb 2019 14:06

Tot Ion:168 Resp: 751015

Ion Ratio Lower Upper

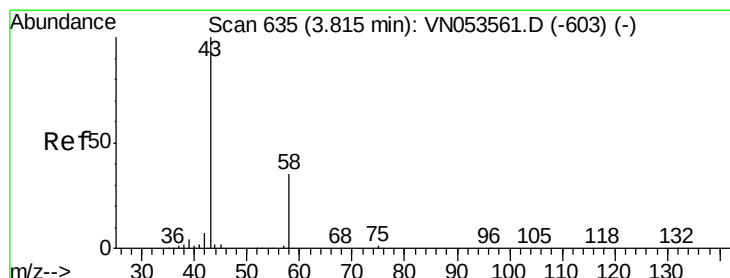
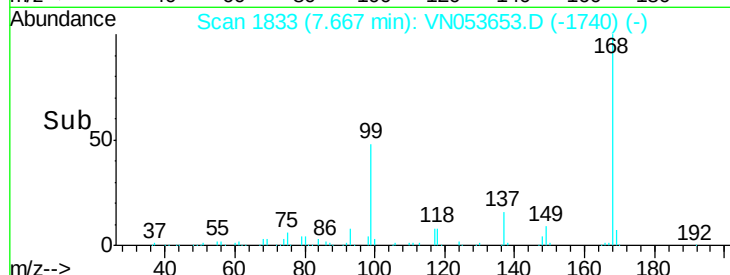
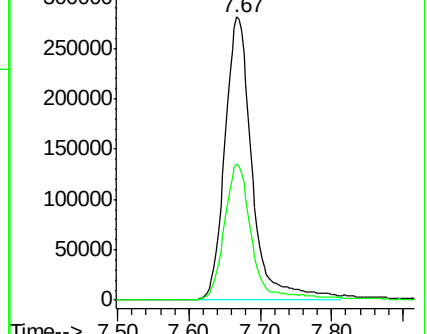
168 100

99 48.0 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: 94.429 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053653.D

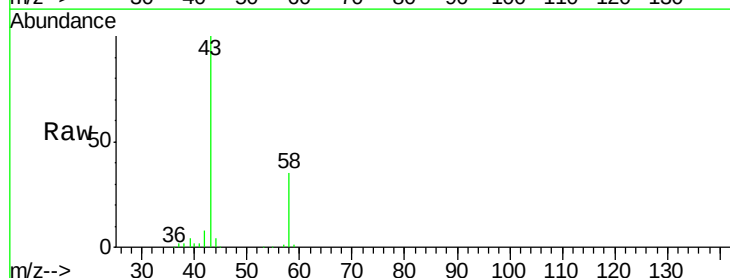
Acq: 7 Feb 2019 14:06

Tgt Ion: 43 Resp: 182487

Ion Ratio Lower Upper

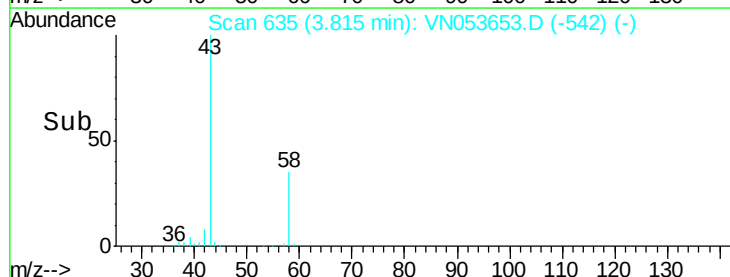
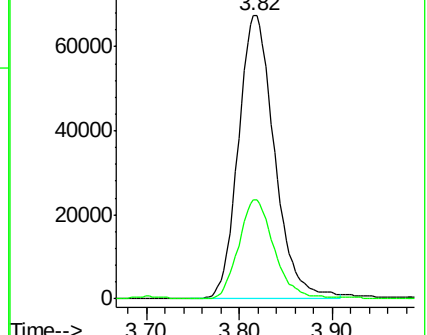
43 100

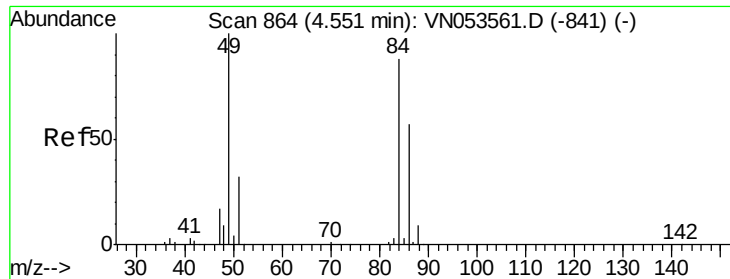
58 34.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

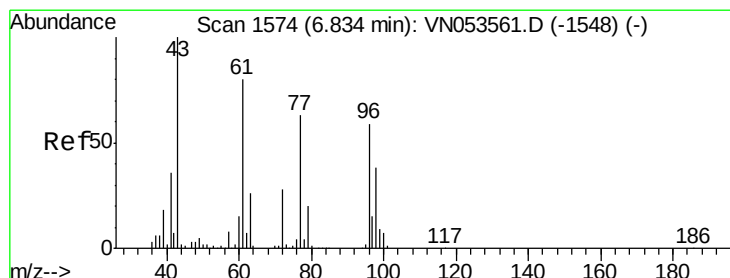
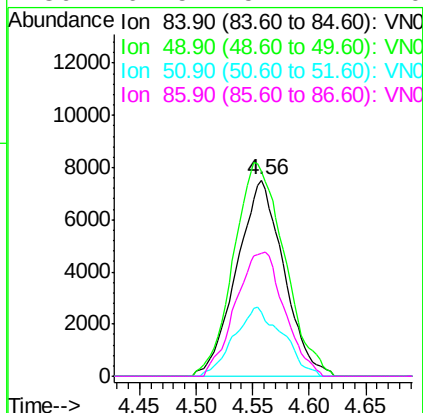
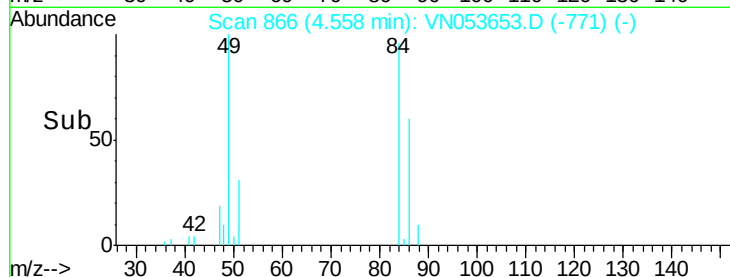
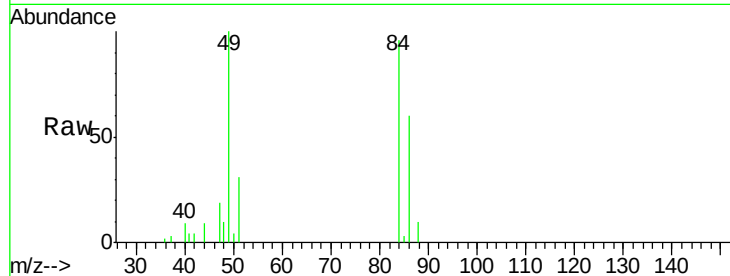
Ion 58.00 (57.70 to 58.70): VNO





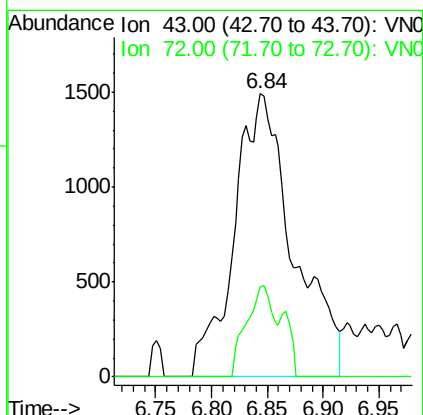
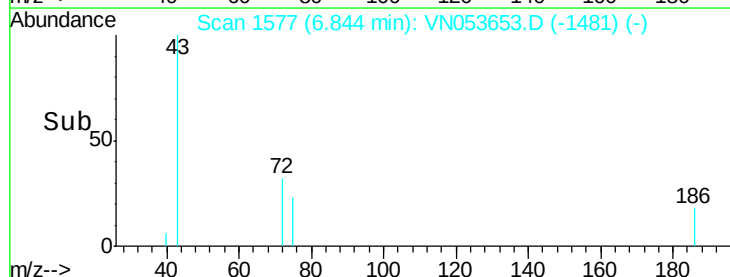
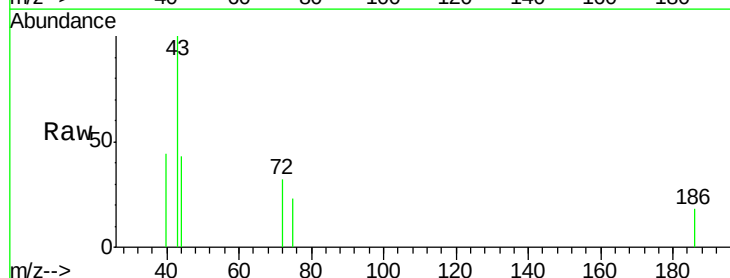
#20
Methvlene Chloride
Concen: 2.680 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053653.D
Acq: 7 Feb 2019 14:06

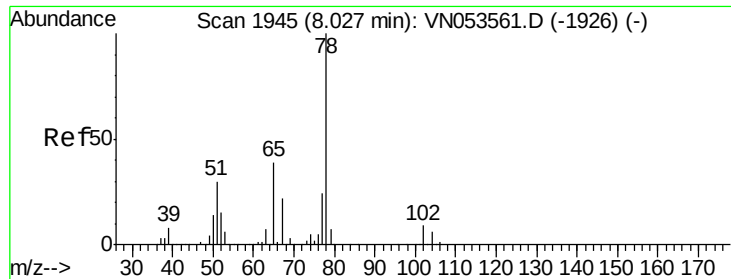
Tot Ion:	84	Resp:	21730
Ion	Ratio	Lower	Upper
84	100		
49	104.3	94.3	141.5
51	32.5	29.4	44.2
86	62.5	51.4	77.0



#25
2-Butanone
Concen: 1.993 ug/l m
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053653.D
Acq: 7 Feb 2019 14:06

Tgt Ion:	43	Resp:	5493
Ion	Ratio	Lower	Upper
43	100		
72	31.7	22.0	33.0





#33

1,2-Dichloroethane-d4

Concen: 53.564 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053653.D

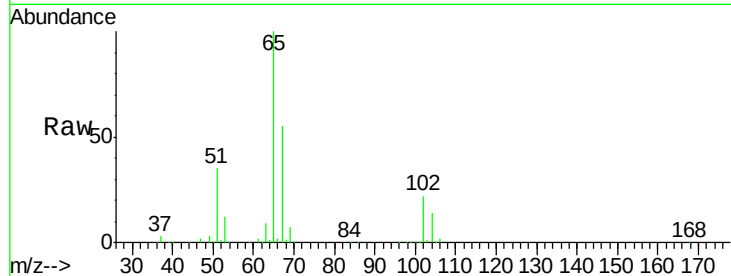
Acq: 7 Feb 2019 14:06

Tot Ion: 65 Resp: 403561

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053653.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053653.D (-1852) (-)

8.03

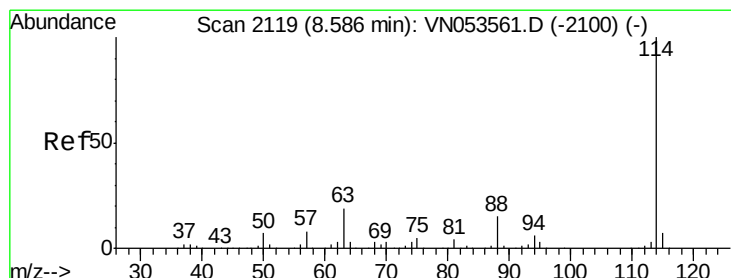
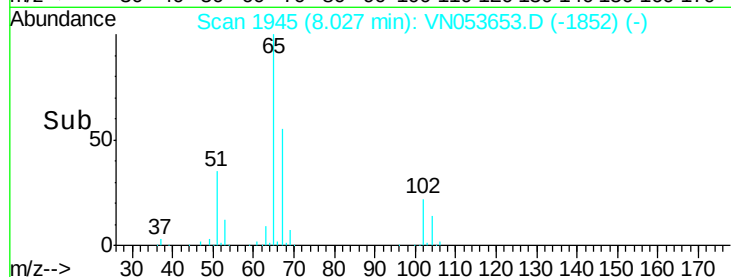
150000

100000

50000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053653.D

Acq: 7 Feb 2019 14:06

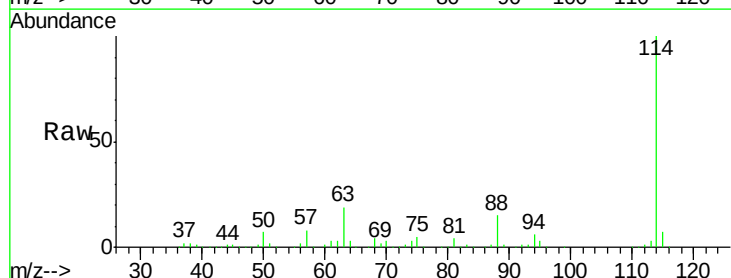
Tgt Ion: 114 Resp: 1247806

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053653.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053653.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053653.D (-2026) (-)

8.59

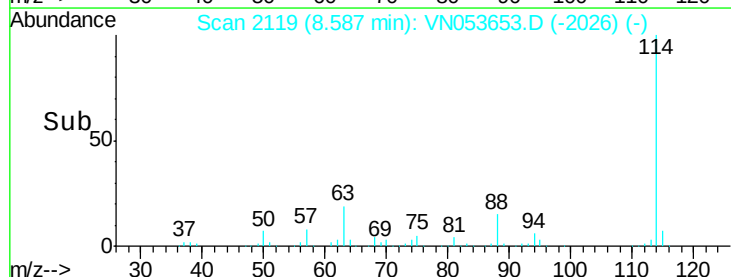
600000

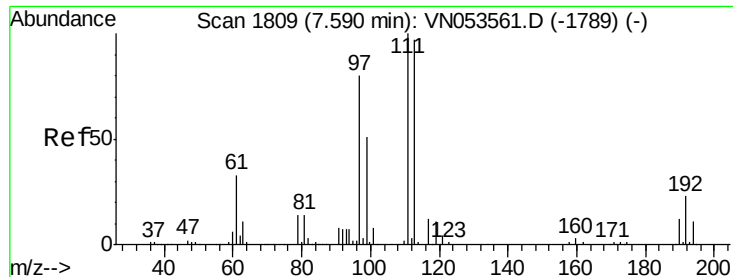
400000

200000

0

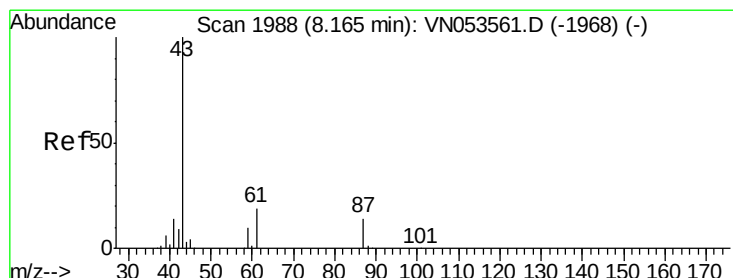
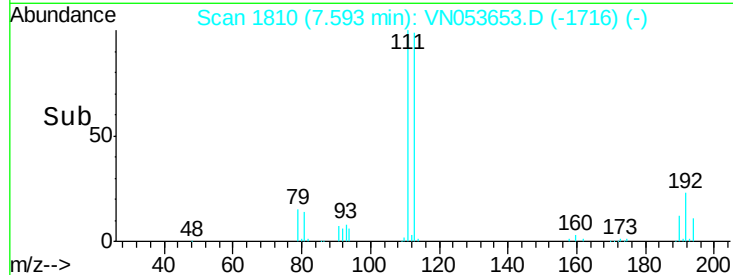
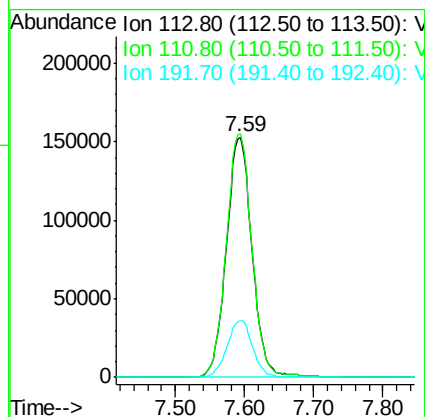
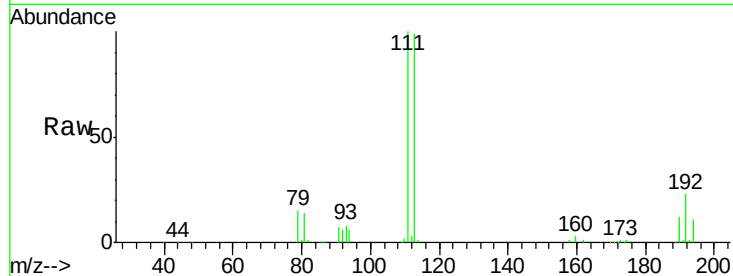
Time--> 8.40 8.60 8.80





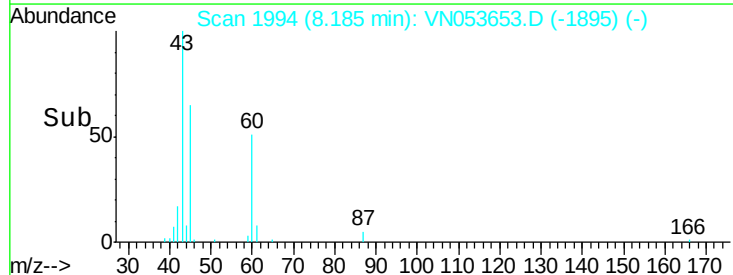
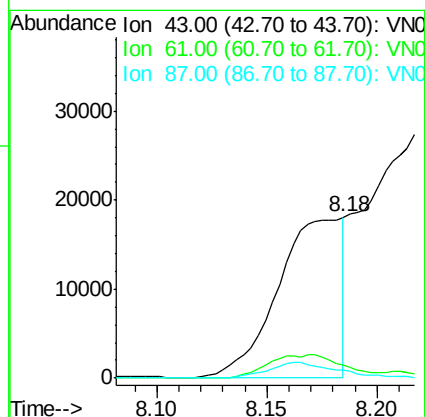
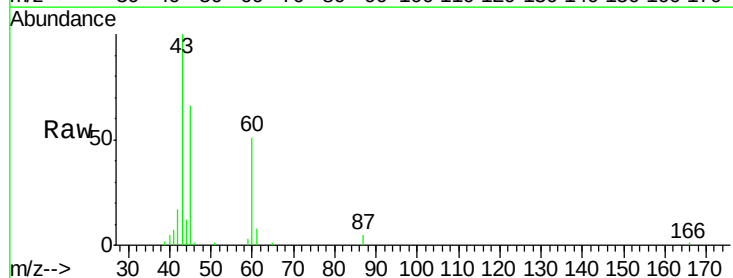
#35
 Dibromofluoromethane
 Concen: 50.272 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053653.D
 Acq: 7 Feb 2019 14:06

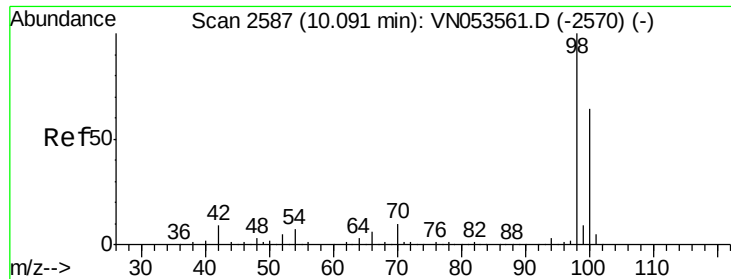
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	23.6	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 3.062 ug/l m
 RT: 8.18 min Scan# 1994
 Delta R.T. 0.02 min
 Lab File: VN053653.D
 Acq: 7 Feb 2019 14:06

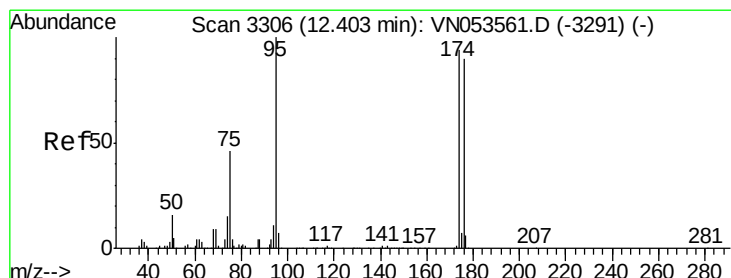
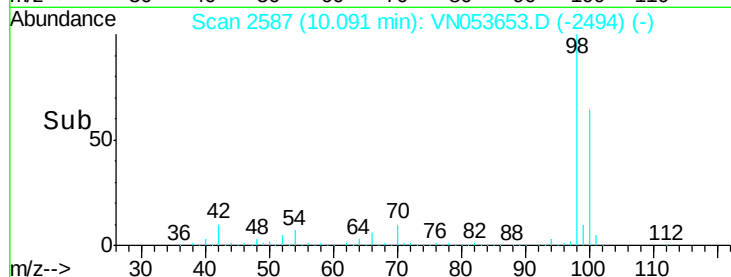
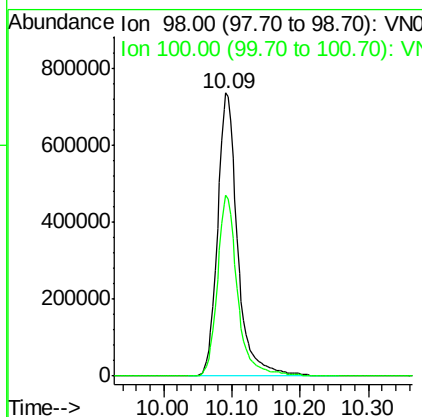
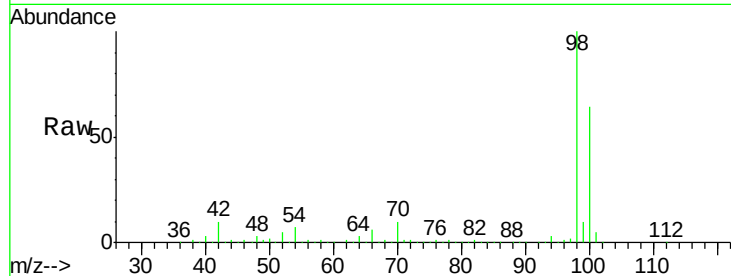
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.9	35.9#
87	0.0	11.0	16.6#





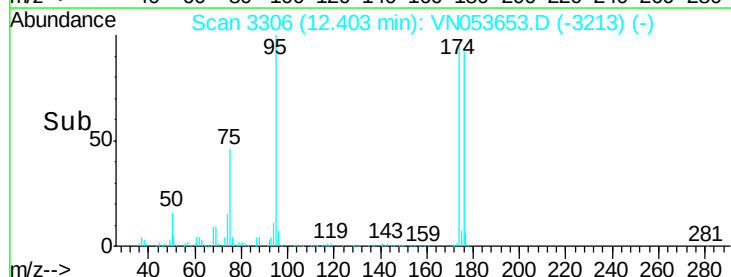
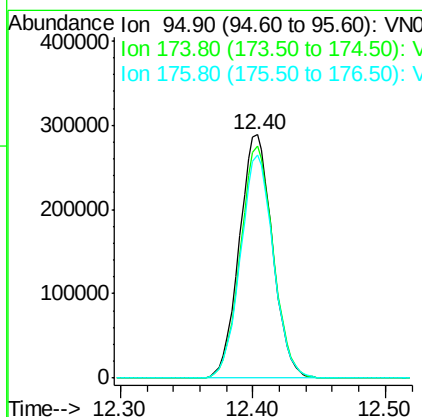
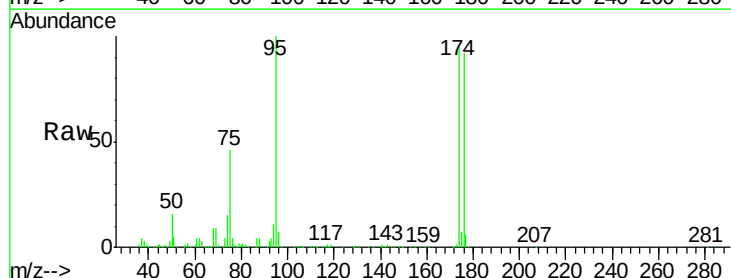
#50
Toluene-d8
Concen: 50.661 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053653.D
Acq: 7 Feb 2019 14:06

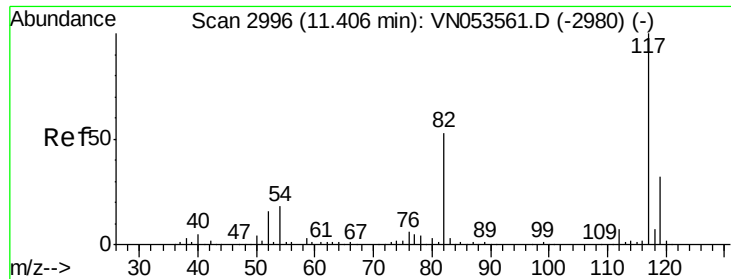
Tot Ion: 98 Resp: 1499811
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.693 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053653.D
Acq: 7 Feb 2019 14:06

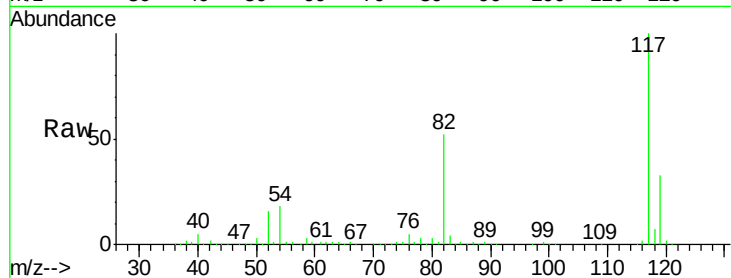
Tgt Ion: 95 Resp: 500523
Ion Ratio Lower Upper
95 100
174 94.6 0.0 183.2
176 90.6 0.0 177.4



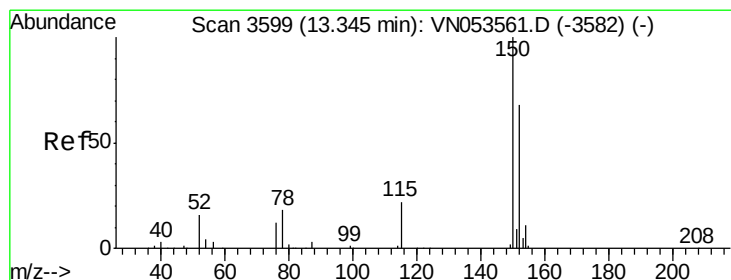
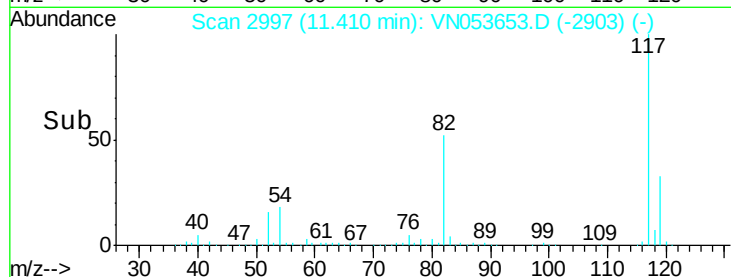
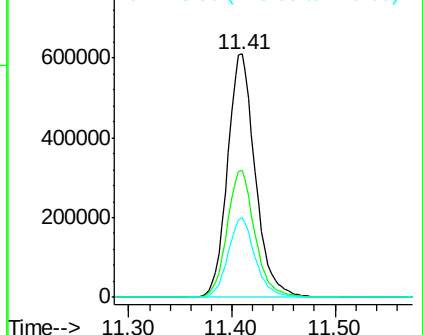


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053653.D
Acq: 7 Feb 2019 14:06

Tot Ion:117 Resp: 1140654
Ion Ratio Lower Upper
117 100
82 52.0 42.9 64.3
119 32.5 26.0 39.0

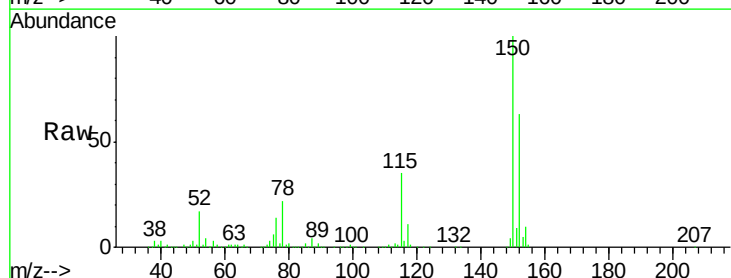


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053653.D
Acq: 7 Feb 2019 14:06

Tgt Ion:152 Resp: 479524
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 158.0 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

