

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053907.D
 Acq On : 22 Feb 2019 11:18
 Operator : JC/SP
 Sample : PB117286TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

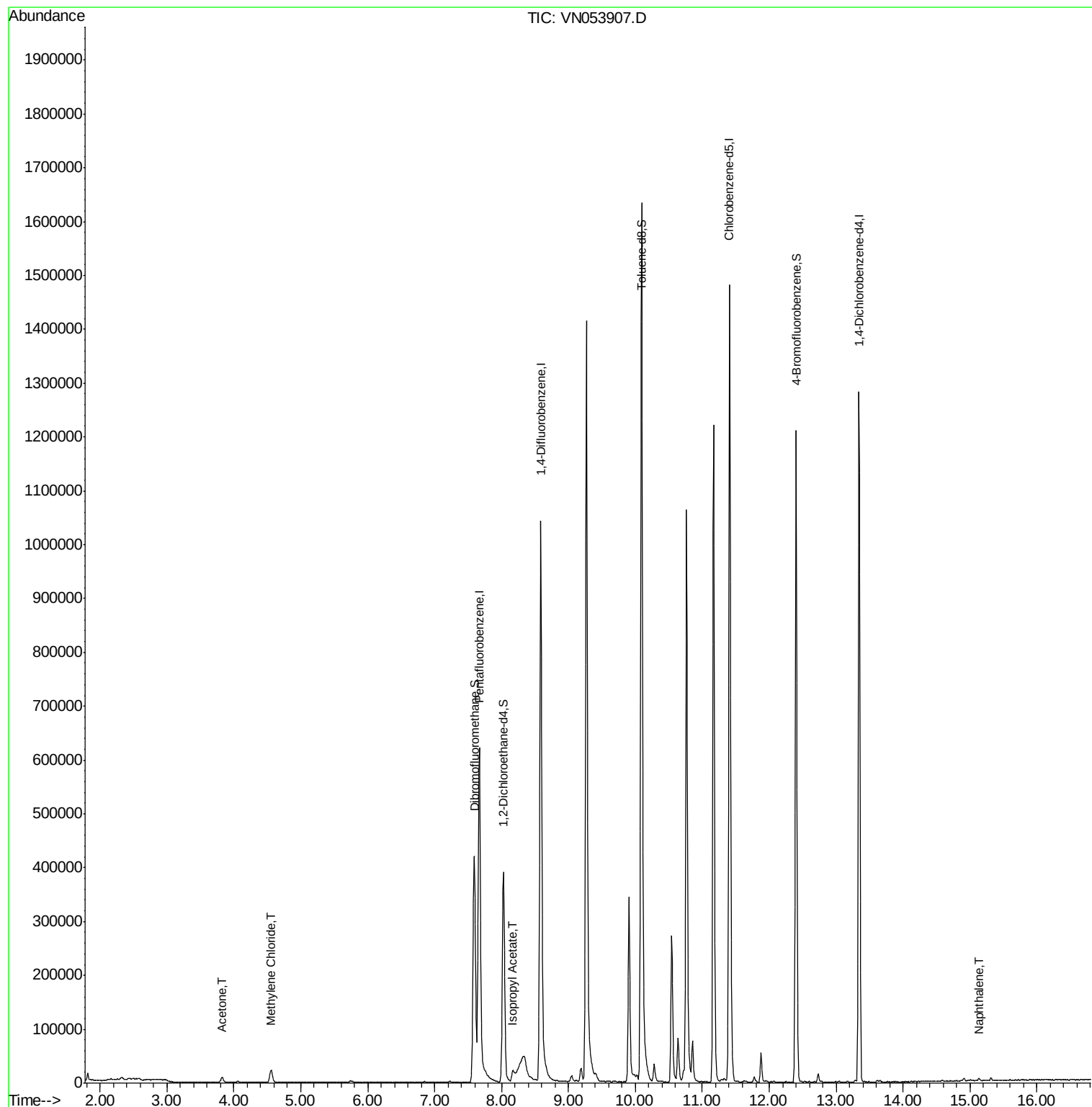
Quant Time: Feb 22 22:32:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

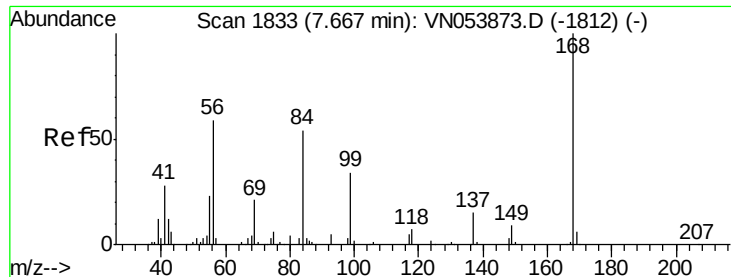
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	614588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1094537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1010609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	376416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	341036	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
35) Dibromofluoromethane	7.59	113	334245	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
50) Toluene-d8	10.09	98	1345799	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.40	95	420929	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
Target Compounds						
16) Acetone	3.82	43	18472	10.694	ug/l	91
20) Methylene Chloride	4.56	84	18474	2.857	ug/l	96
43) Isopropyl Acetate	8.17	43	32908	3.075	ug/l #	89
95) Naphthalene	15.14	128	5072	4.921	ug/l #	95

(#) = 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: VN053907.D

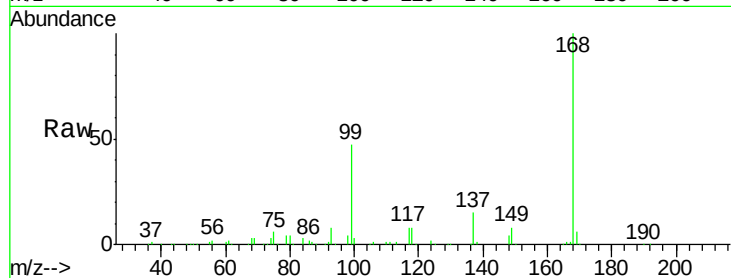
Acq: 22 Feb 2019 11:18

Tot Ion:168 Resp: 614588

Ion Ratio Lower Upper

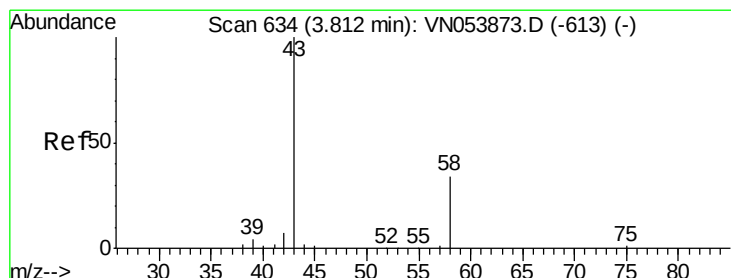
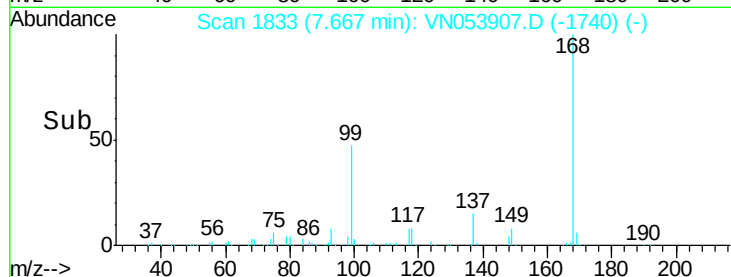
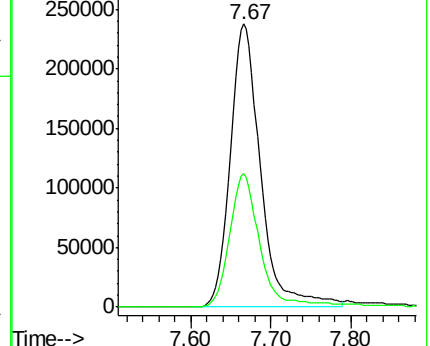
168 100

99 47.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 10.694 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053907.D

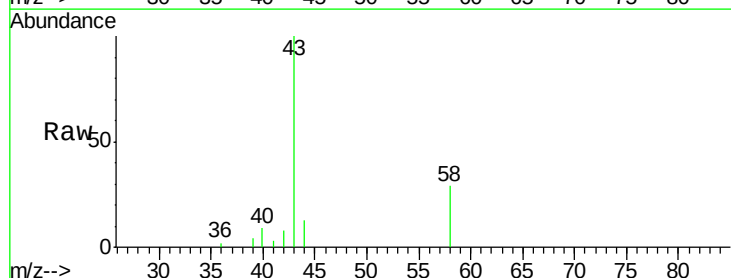
Acq: 22 Feb 2019 11:18

Tgt Ion: 43 Resp: 18472

Ion Ratio Lower Upper

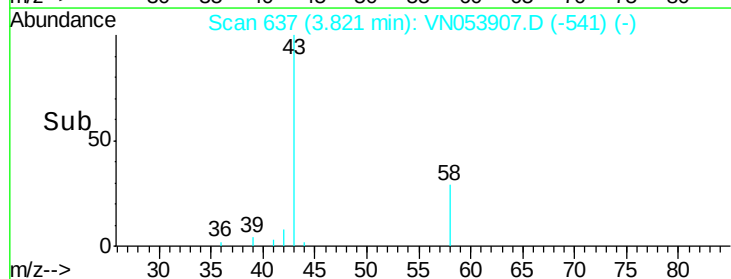
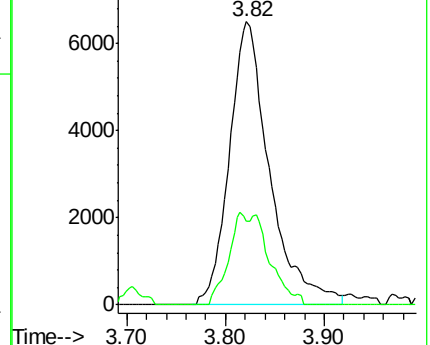
43 100

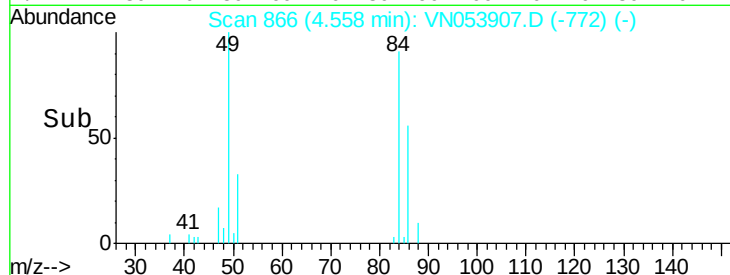
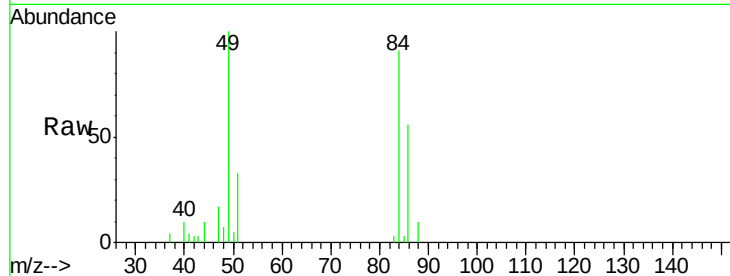
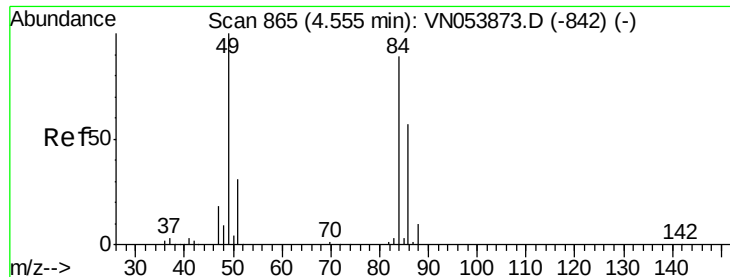
58 29.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

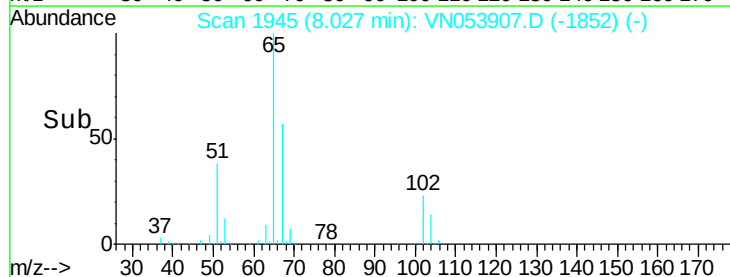
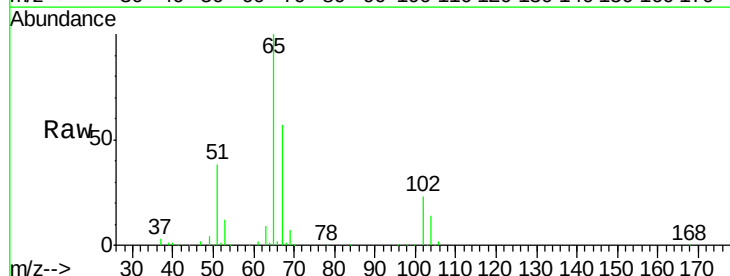
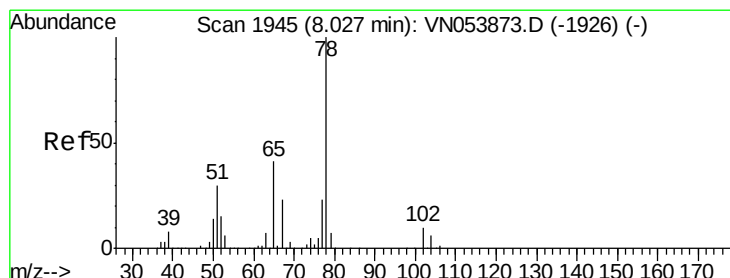
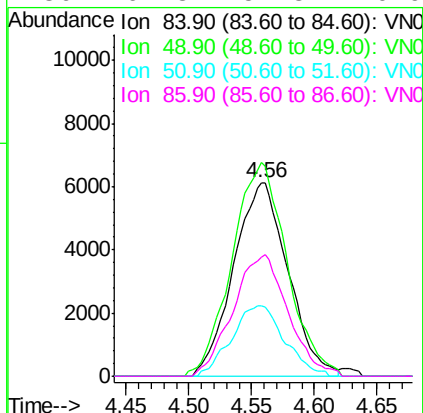




#20
Methylene Chloride
Concen: 2.857 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053907.D
Acq: 22 Feb 2019 11:18

Tot Ion: 84 Resp: 18474

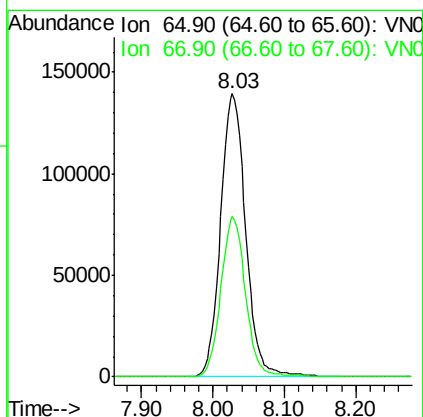
Ion	Ratio	Lower	Upper
84	100		
49	107.6	89.7	134.5
51	36.5	27.8	41.8
86	61.3	51.3	76.9

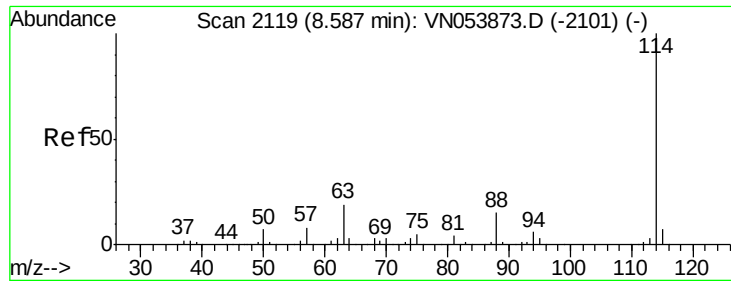


#33
1,2-Dichloroethane-d4
Concen: 54.297 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053907.D
Acq: 22 Feb 2019 11:18

Tgt Ion: 65 Resp: 341036

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	111.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053907.D

Acq: 22 Feb 2019 11:18

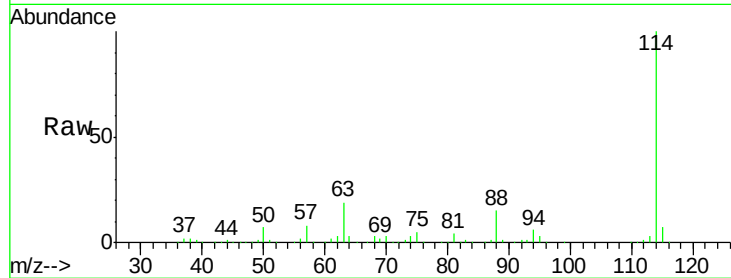
Tot Ion:114 Resp: 1094537

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

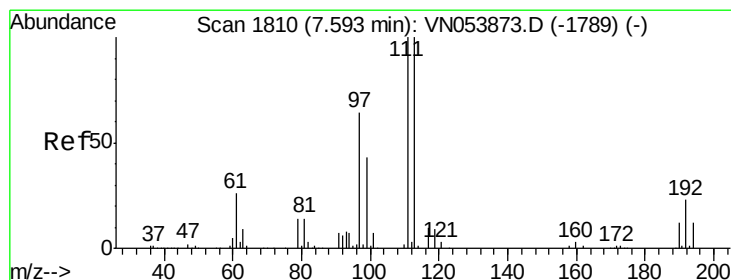
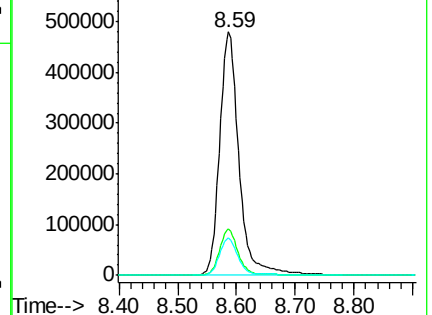
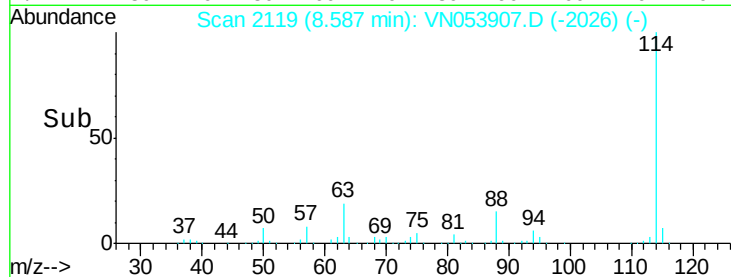
88 15.2 0.0 30.4



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: 46.531 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053907.D

Acq: 22 Feb 2019 11:18

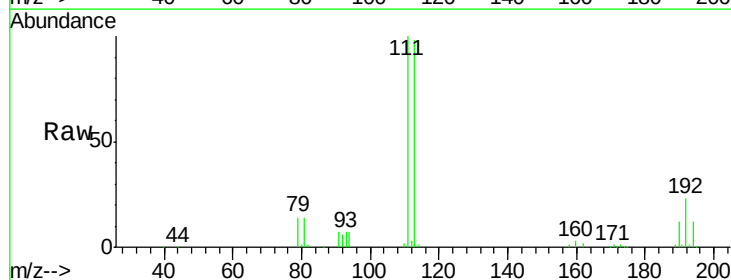
Tgt Ion:113 Resp: 334245

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

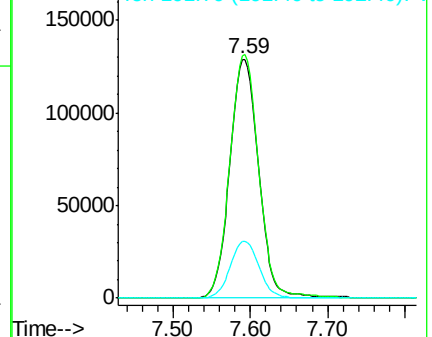
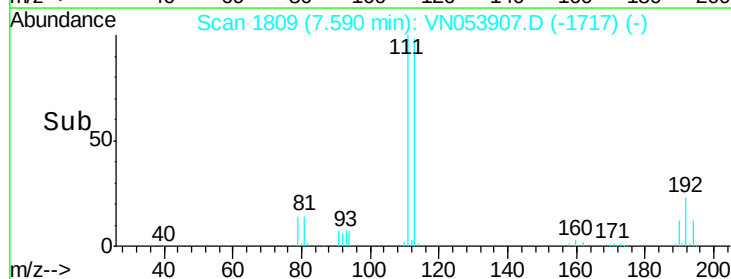
192 23.7 18.8 28.2

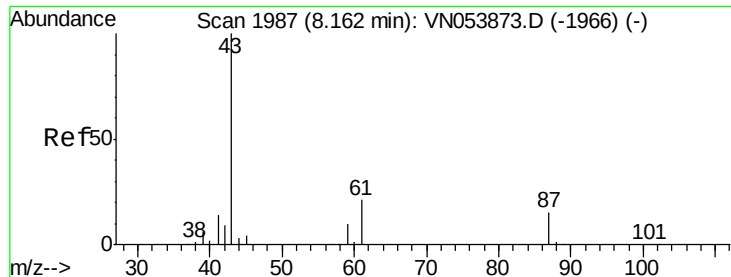


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.075 ug/l

RT: 8.17 min Scan# 1989

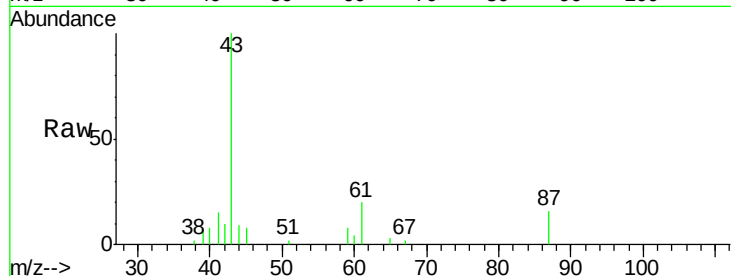
Delta R.T. 0.01 min

Lab File: VN053907.D

Acq: 22 Feb 2019 11:18

Tot Ion: 43 Resp: 32908

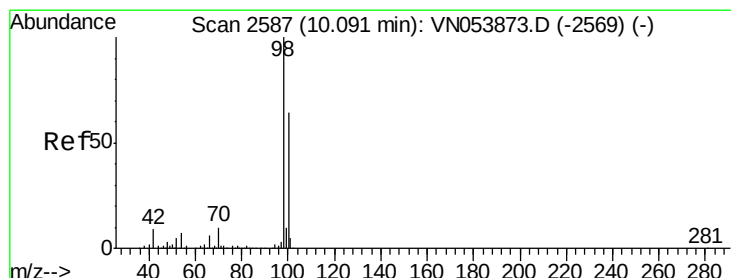
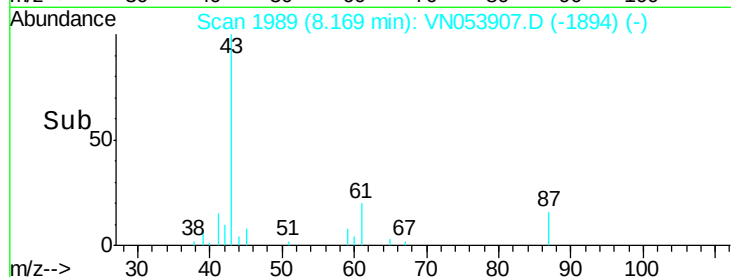
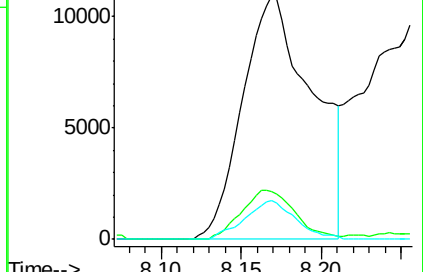
Ion	Ratio	Lower	Upper
43	100		
61	15.5	17.4	26.0#
87	11.6	11.5	17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053907.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053907.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053907.D (-1966) (-)



#50

Toluene-d8

Concen: 51.873 ug/l

RT: 10.09 min Scan# 2587

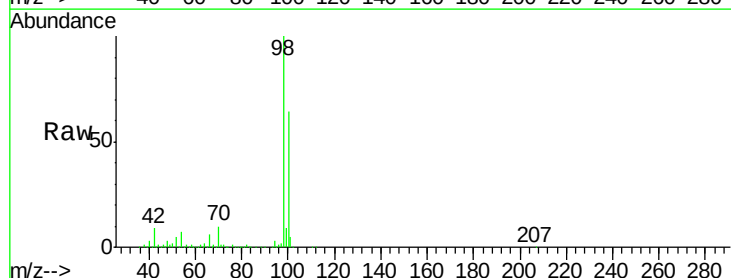
Delta R.T. 0.00 min

Lab File: VN053907.D

Acq: 22 Feb 2019 11:18

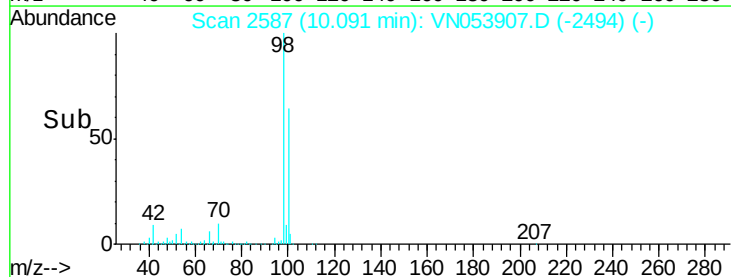
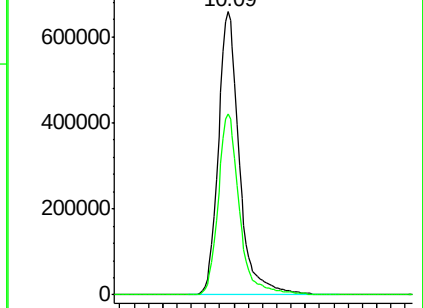
Tgt Ion: 98 Resp: 1345799

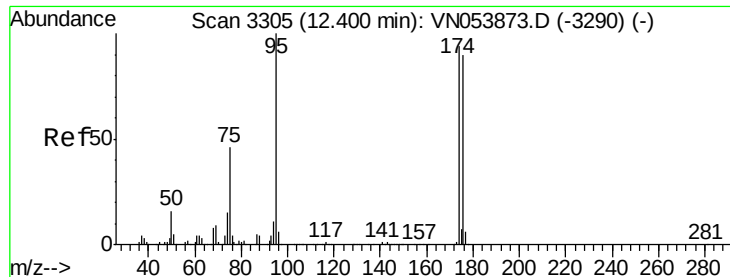
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053907.D (-2569) (-)

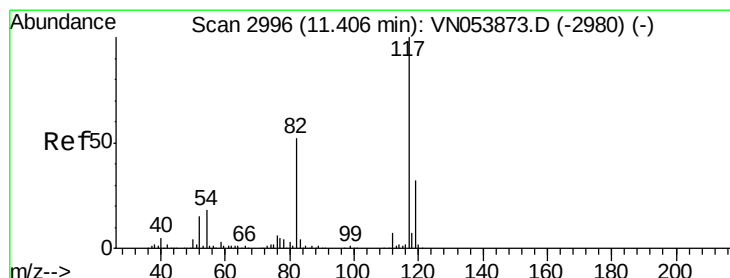
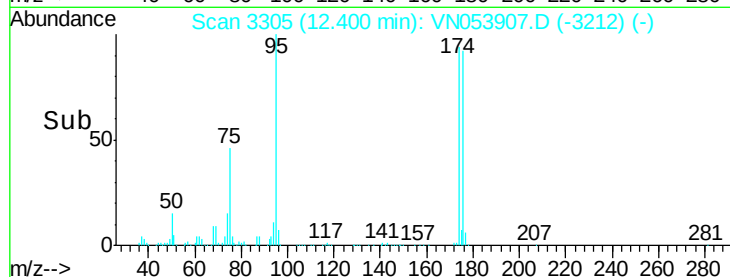
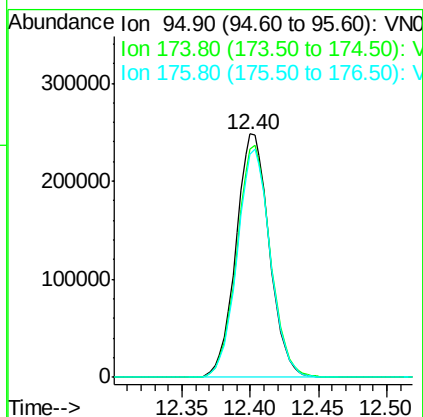
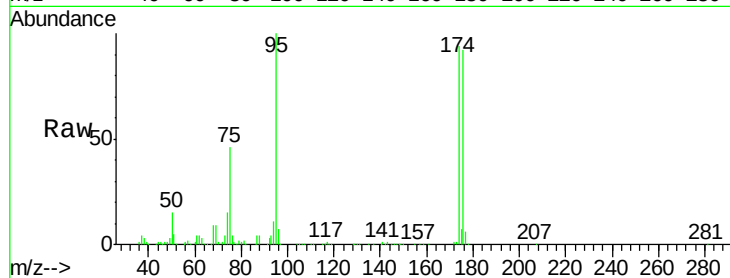
Ion 100.00 (99.70 to 100.70): VN053907.D (-2569) (-)





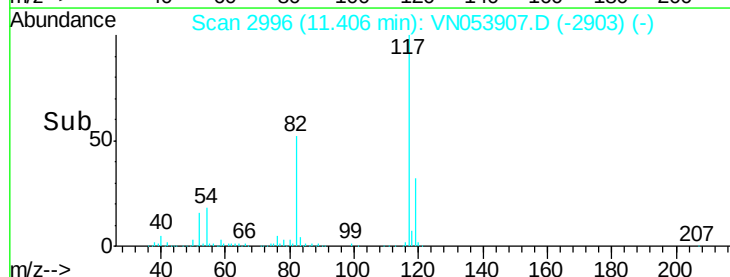
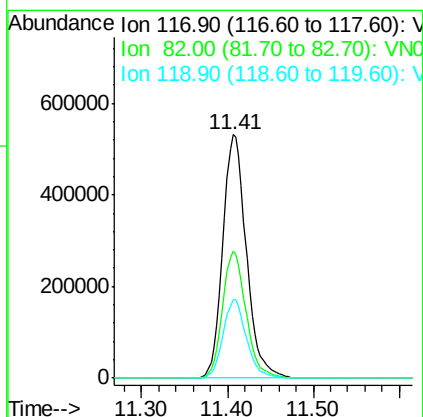
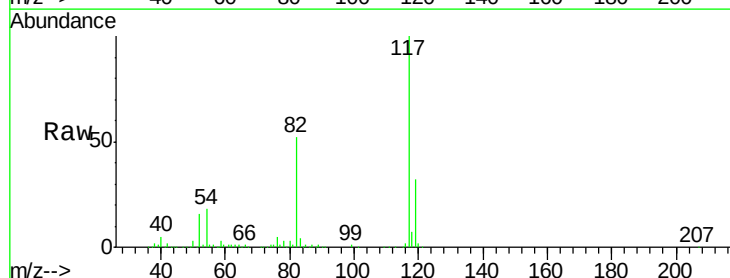
#62
4-Bromofluorobenzene
Concen: 49.144 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053907.D
Acq: 22 Feb 2019 11:18

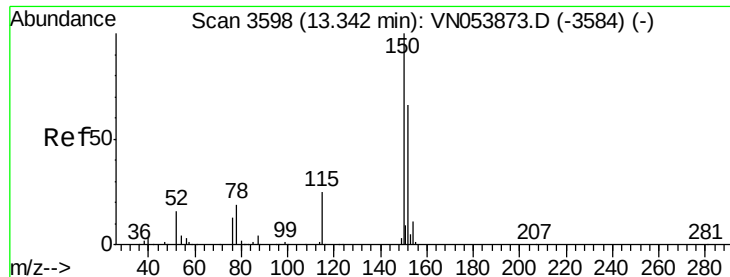
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	188.8
176	93.1	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053907.D
Acq: 22 Feb 2019 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.4	62.2
119	32.1	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053907.D

Acq: 22 Feb 2019 11:18

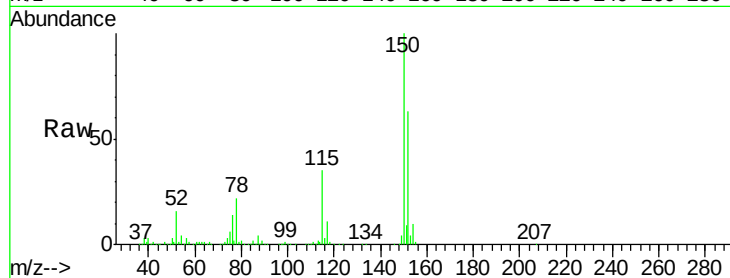
Tot Ion:152 Resp: 376416

Ion Ratio Lower Upper

152 100

115 54.5 27.2 81.6

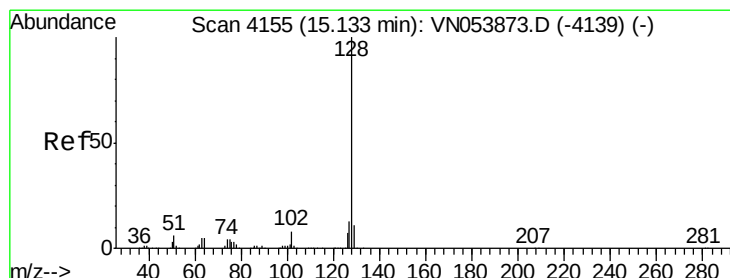
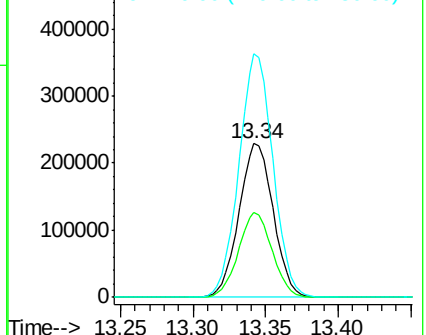
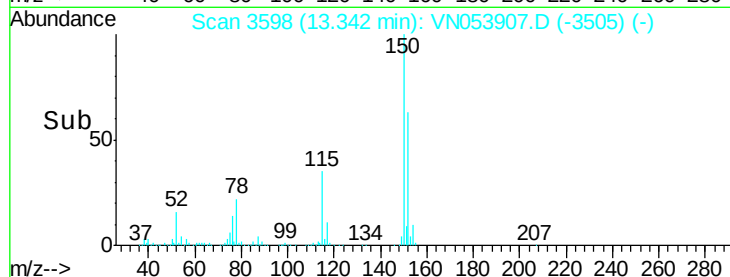
150 157.2 0.0 348.2



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: 4.921 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053907.D

Acq: 22 Feb 2019 11:18

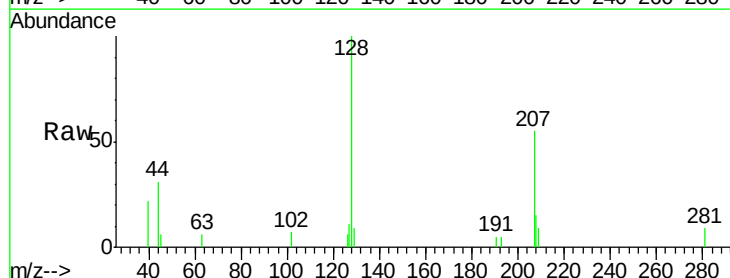
Tgt Ion:128 Resp: 5072

Ion Ratio Lower Upper

128 100

127 11.2 10.2 15.2

129 8.5 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

