

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055673.D
 Acq On : 20 May 2019 14:51
 Operator : JC/SP
 Sample : K2922-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

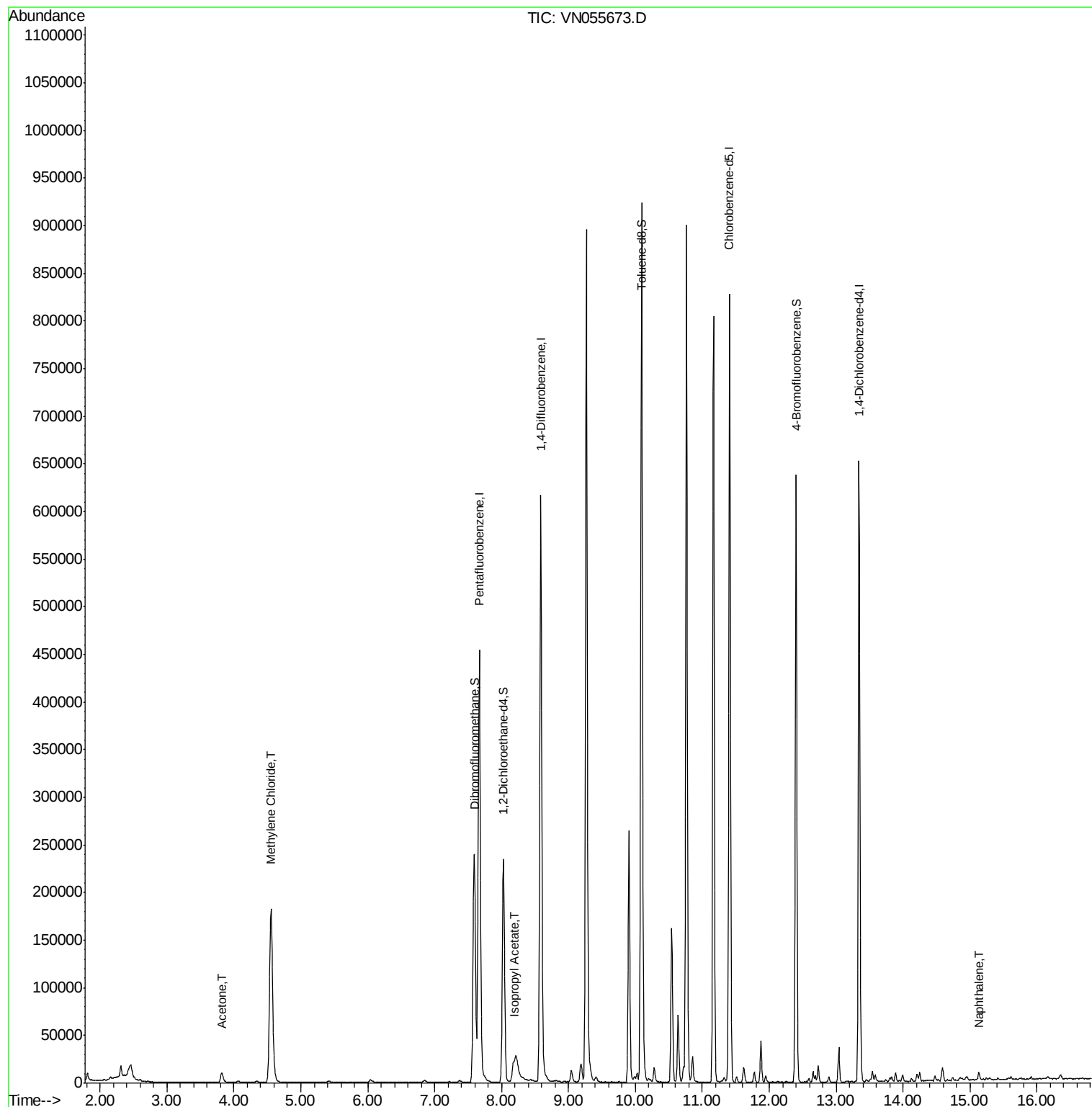
Quant Time: May 21 05:07:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	439291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	618390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	199374	41.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.80%	
35) Dibromofluoromethane	7.59	113	188492	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	10.09	98	712666	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.40	95	221997	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
Target Compounds						
16) Acetone	3.82	43	19168	9.754	ug/l	94
20) Methylene Chloride	4.55	84	155443	34.660	ug/l	98
43) Isopropyl Acetate	8.18	43	17802	2.057	ug/l #	84
95) Naphthalene	15.13	128	7857	2.528	ug/l	96

(#) = 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: VN055673.D

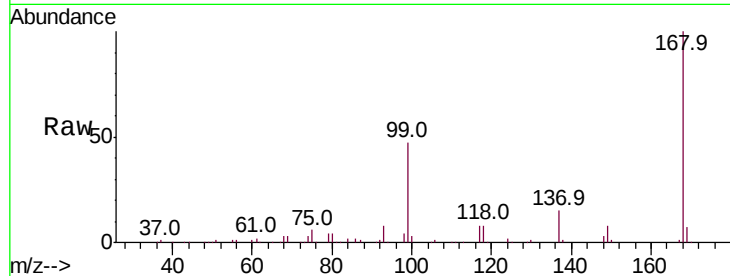
Acq: 20 May 2019 14:51

Tot Ion:168 Resp: 439291

Ion Ratio Lower Upper

168 100

99 47.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.67

200000

150000

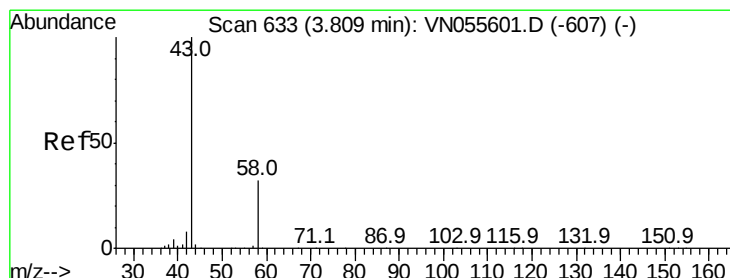
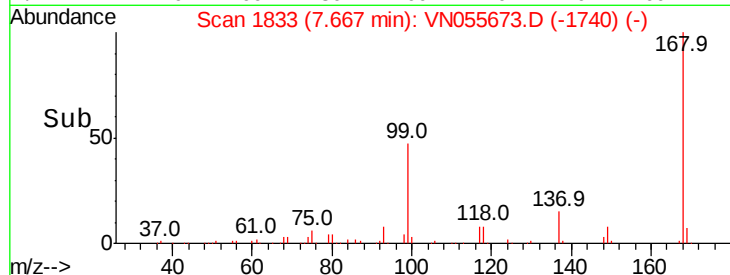
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 9.754 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055673.D

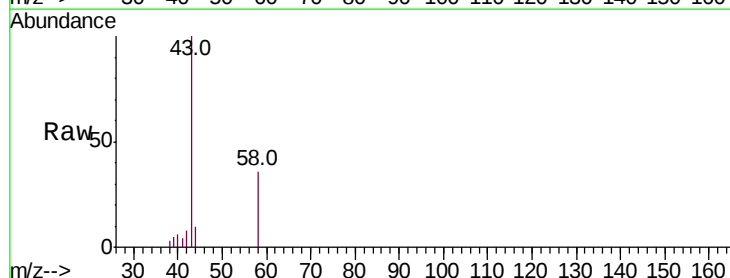
Acq: 20 May 2019 14:51

Tgt Ion: 43 Resp: 19168

Ion Ratio Lower Upper

43 100

58 35.8 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-607) (-)

3.82

6000

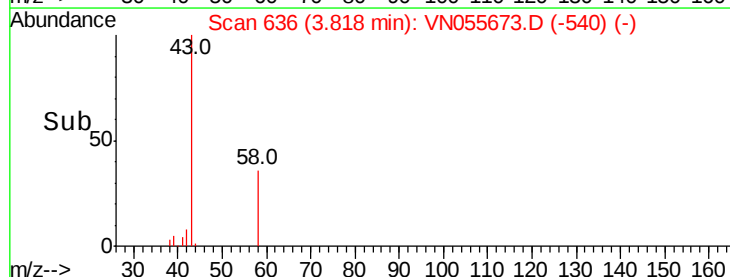
4000

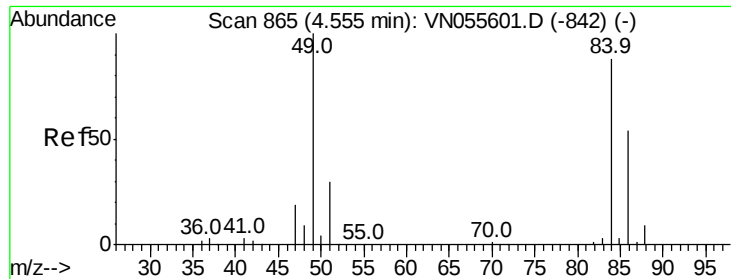
2000

0

Time-->

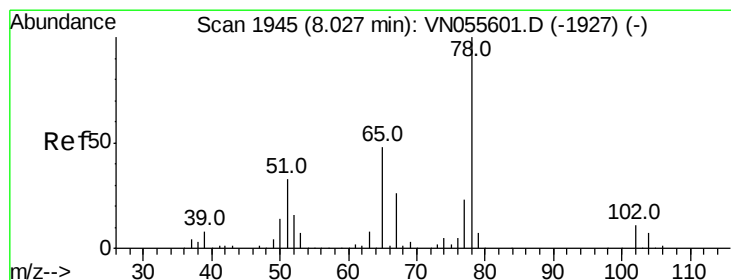
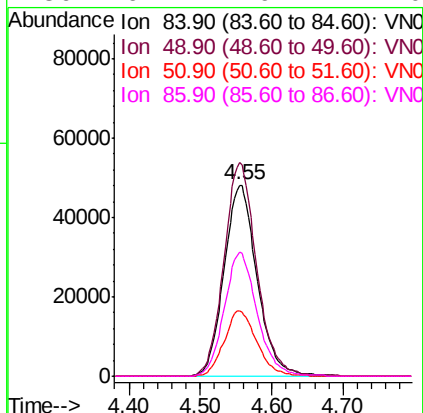
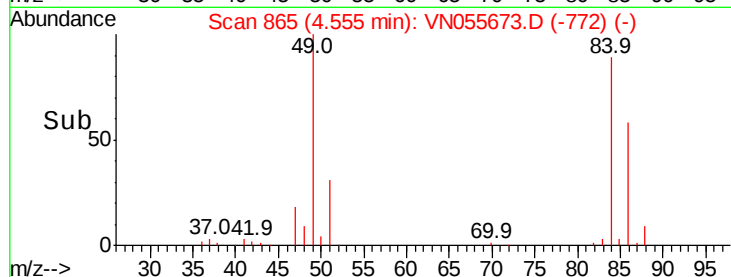
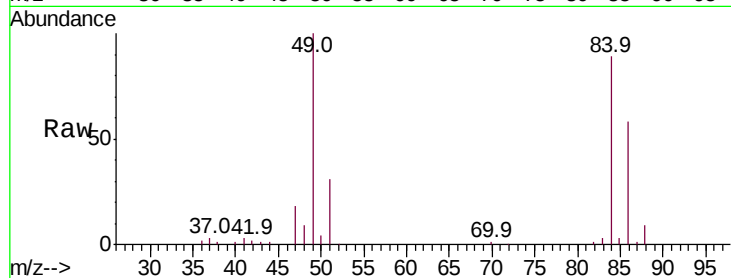
3.70 3.80 3.90





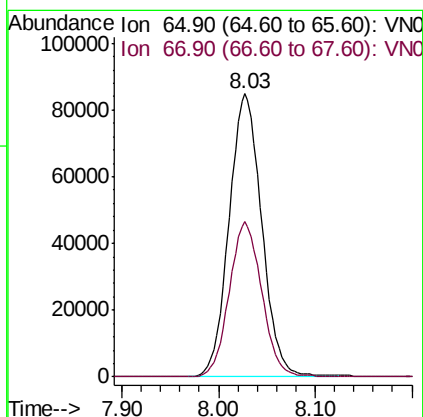
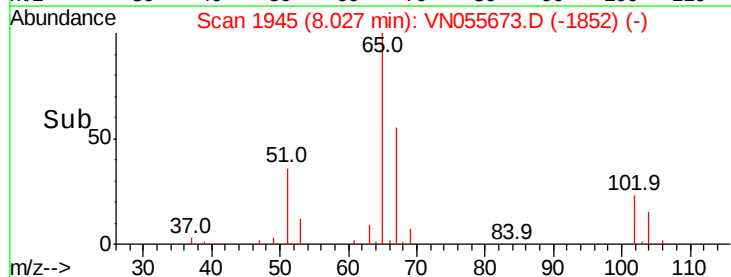
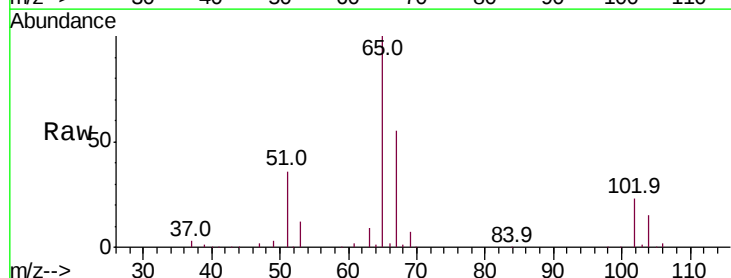
#20
Methvlene Chloride
Concen: 34.660 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

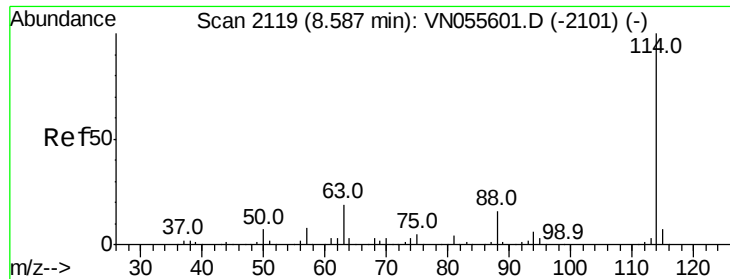
Tot Ion:	84	Resp:	155443
Ion	Ratio	Lower	Upper
84	100		
49	111.9	91.0	136.4
51	34.2	27.5	41.3
86	64.7	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 41.402 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tgt Ion:	65	Resp:	199374
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

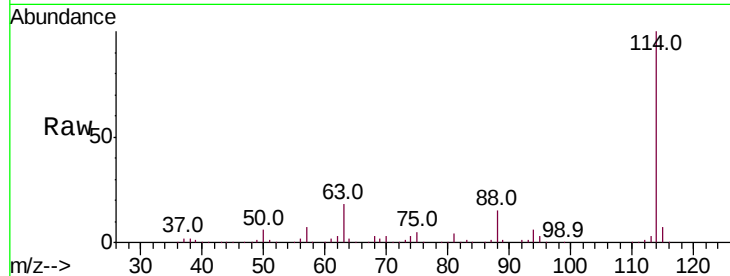
Tot Ion:114 Resp: 618390

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.2

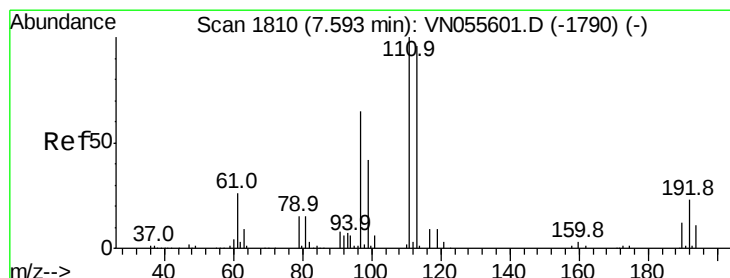
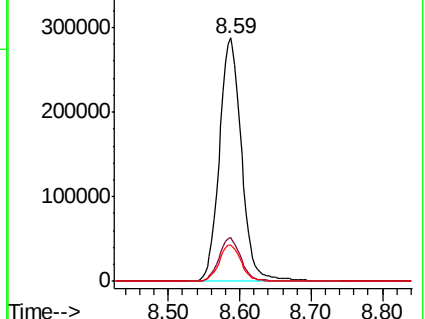
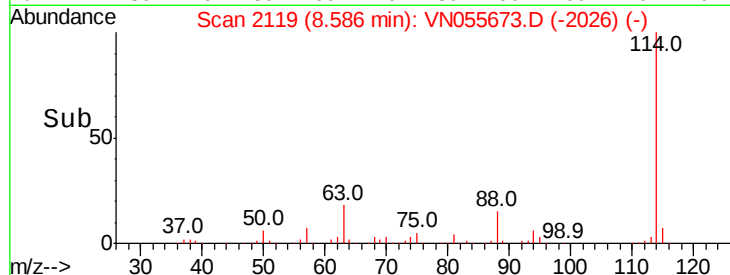
88 15.1 0.0 31.0



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: 47.983 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

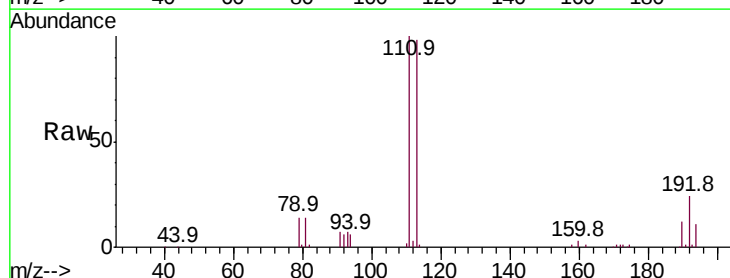
Tgt Ion:113 Resp: 188492

Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

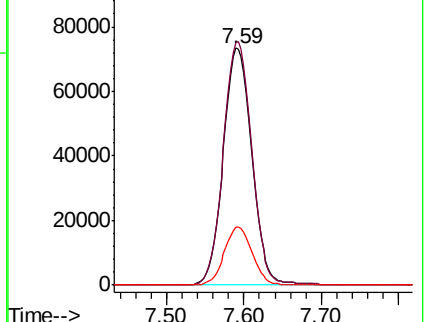
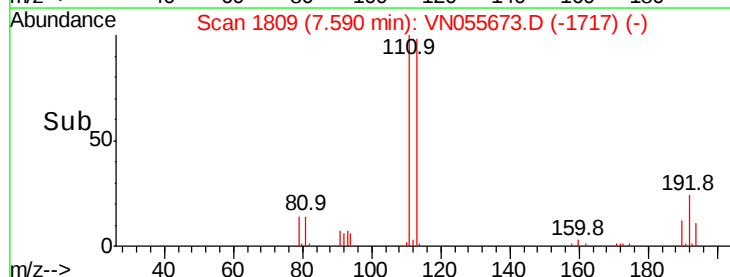
192 23.9 18.7 28.1

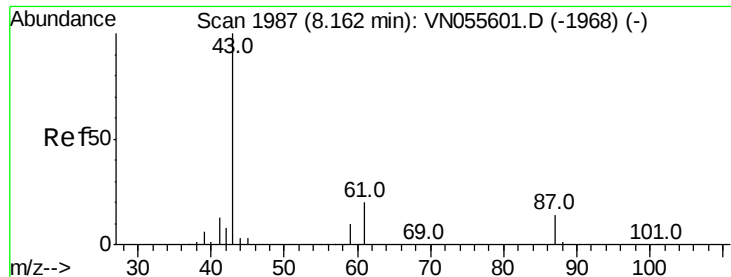


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.057 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.02 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

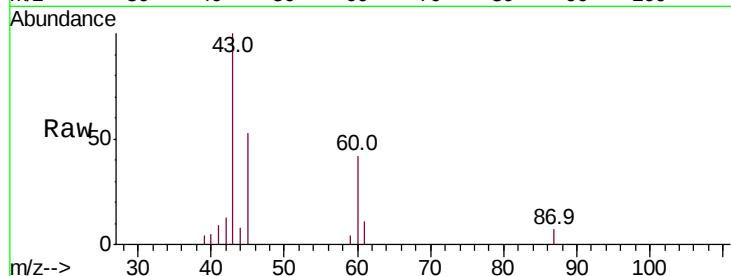
Tot Ion: 43 Resp: 17802

Ion Ratio Lower Upper

43 100

61 18.3 22.1 33.1#

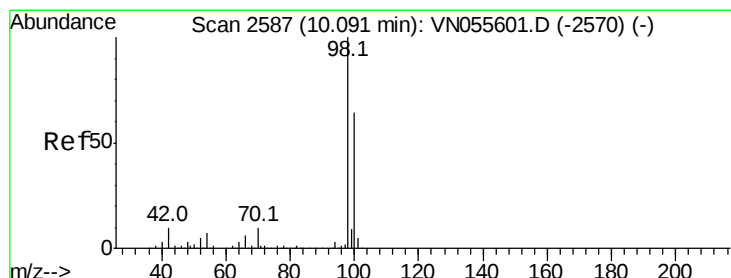
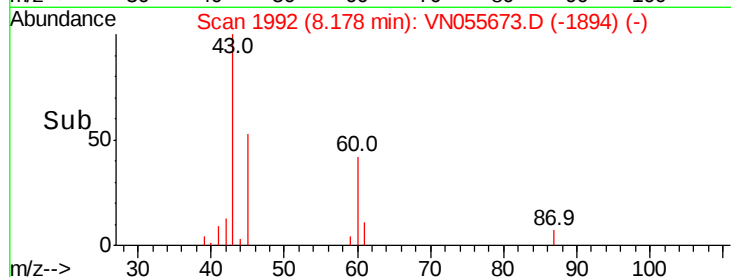
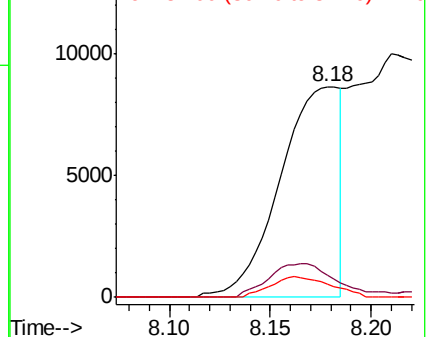
87 9.9 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)



#50

Toluene-d8

Concen: 47.980 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055673.D

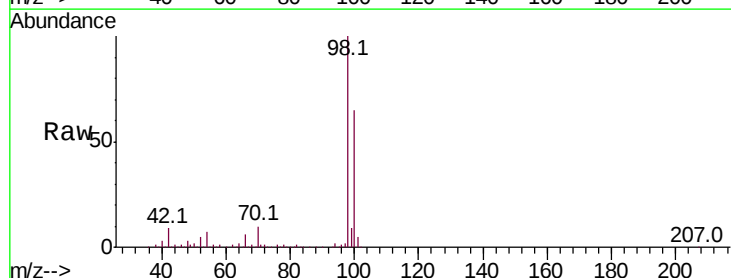
Acq: 20 May 2019 14:51

Tgt Ion: 98 Resp: 712666

Ion Ratio Lower Upper

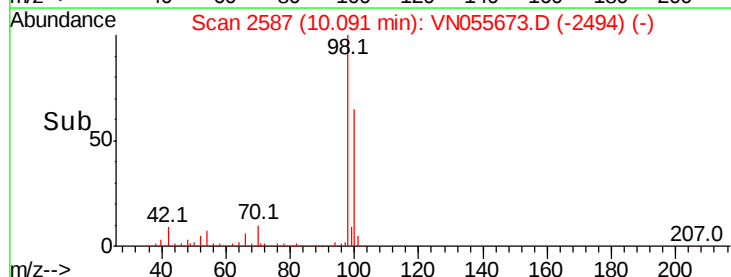
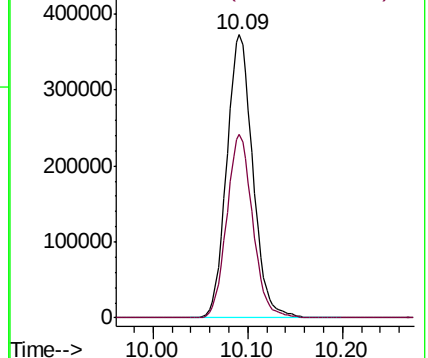
98 100

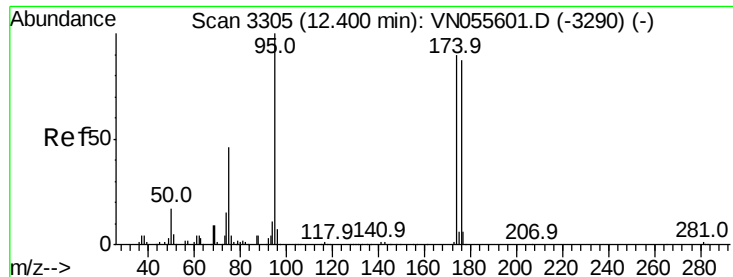
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 43.282 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

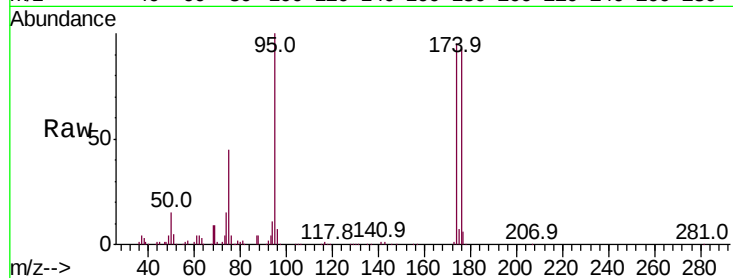
Tot Ion: 95 Resp: 221997

Ion Ratio Lower Upper

95 100

174 95.9 0.0 180.6

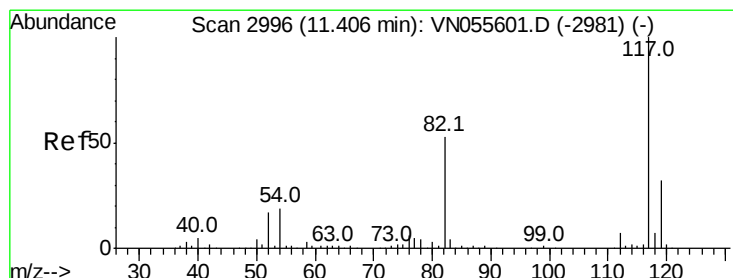
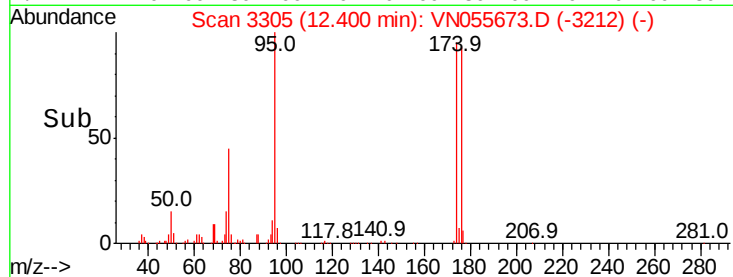
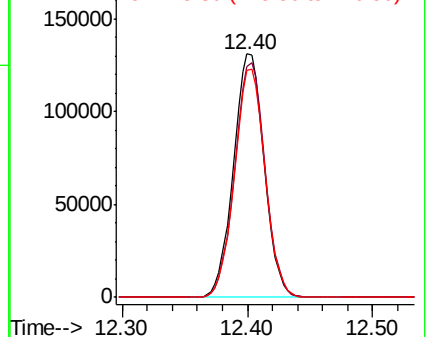
176 93.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055673.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055673.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055673.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

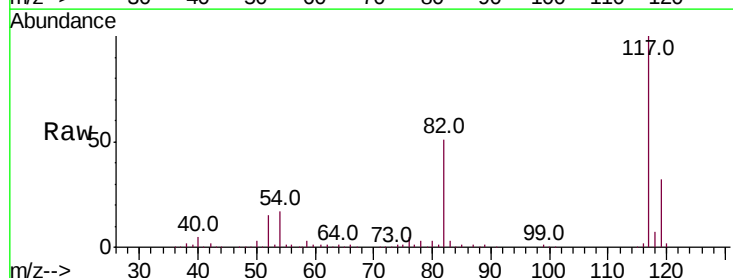
Tgt Ion: 117 Resp: 524230

Ion Ratio Lower Upper

117 100

82 51.0 42.3 63.5

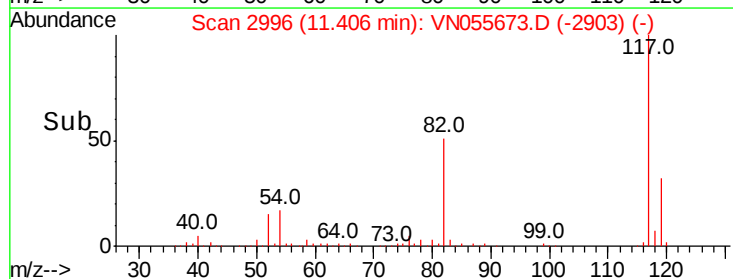
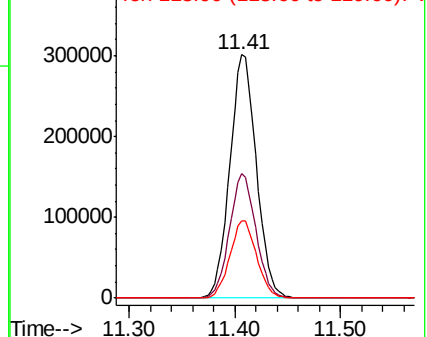
119 31.9 25.4 38.2

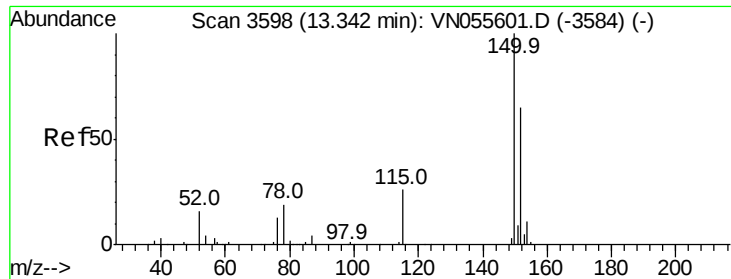


Abundance Ion 116.90 (116.60 to 117.60): VN055673.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055673.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055673.D (-2903) (-)

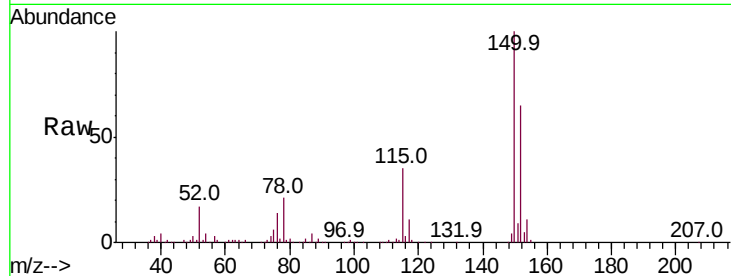




#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.1	84.2
150	156.2	0.0	348.0

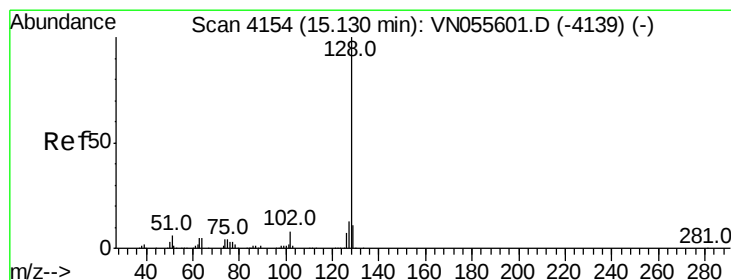
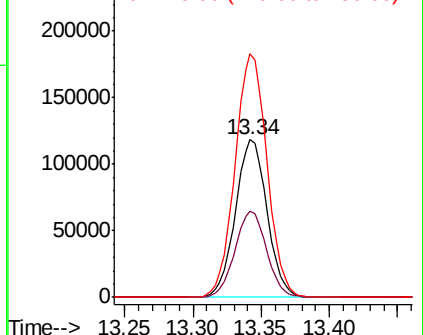
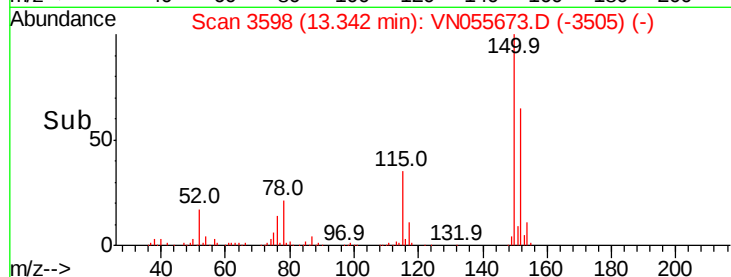


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

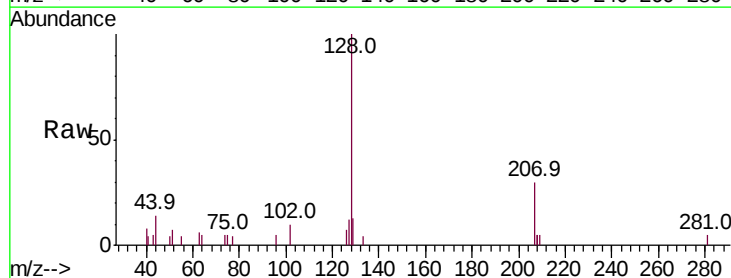
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.528 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.2	15.4
129	11.9	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

