

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055672.D
 Acq On : 20 May 2019 14:27
 Operator : JC/SP
 Sample : K2641-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

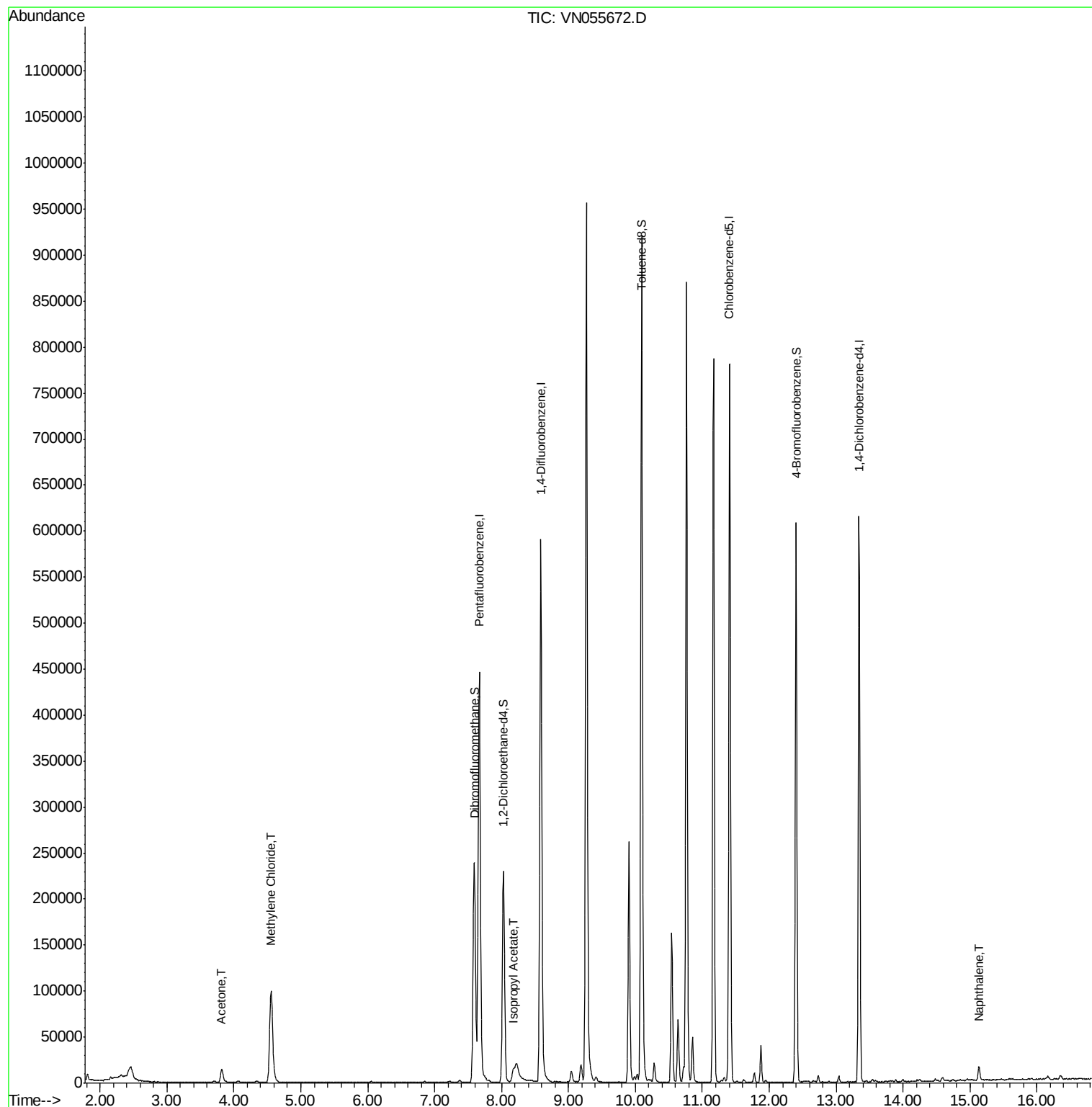
Quant Time: May 21 05:04:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

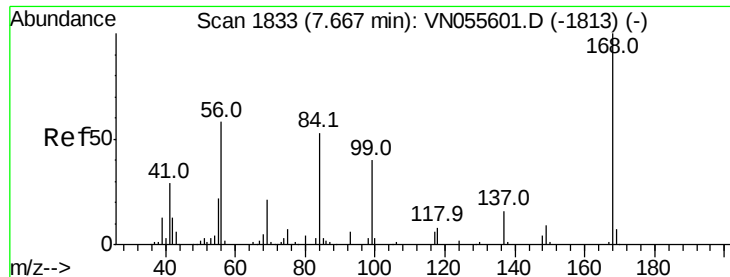
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	431641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	605535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	507083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	196206	41.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.94%	
35) Dibromofluoromethane	7.59	113	185507	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.09	98	696169	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.40	95	213561	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	
Target Compounds						
16) Acetone	3.82	43	26757	13.857	ug/l	97
20) Methylene Chloride	4.56	84	87190	19.786	ug/l	96
43) Isopropyl Acetate	8.17	43	15241	1.799	ug/l #	86
95) Naphthalene	15.13	128	15631	3.332	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 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: VN055672.D

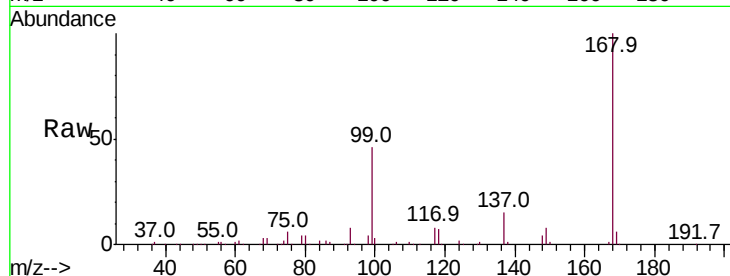
Acq: 20 May 2019 14:27

Tot Ion:168 Resp: 431641

Ion Ratio Lower Upper

168 100

99 46.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

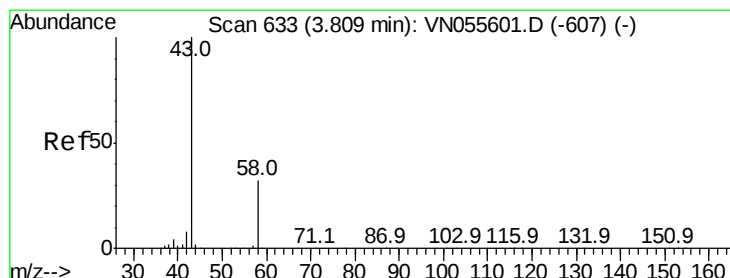
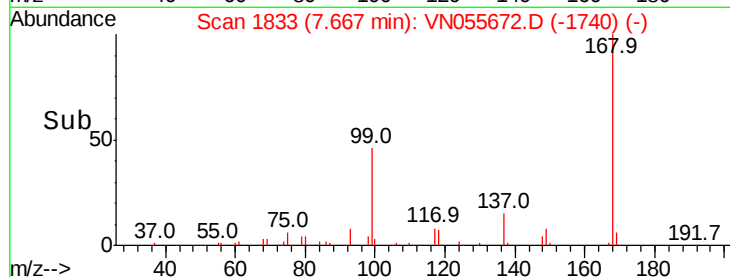
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 13.857 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055672.D

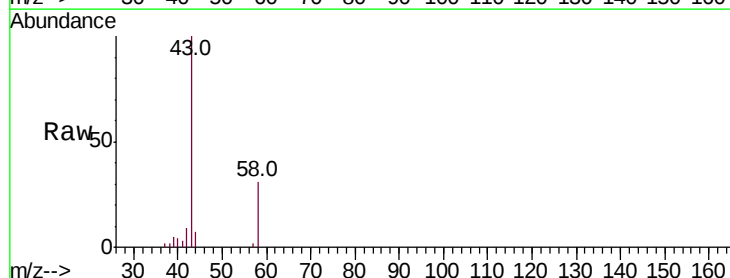
Acq: 20 May 2019 14:27

Tgt Ion: 43 Resp: 26757

Ion Ratio Lower Upper

43 100

58 30.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

10000

8000

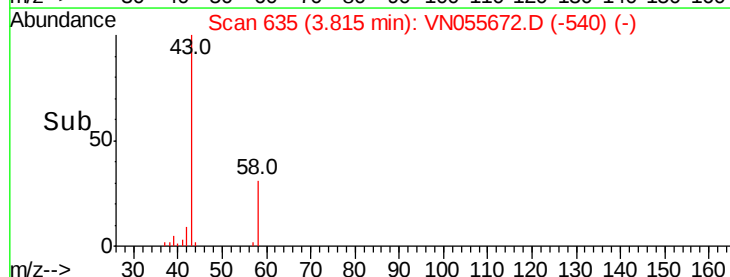
6000

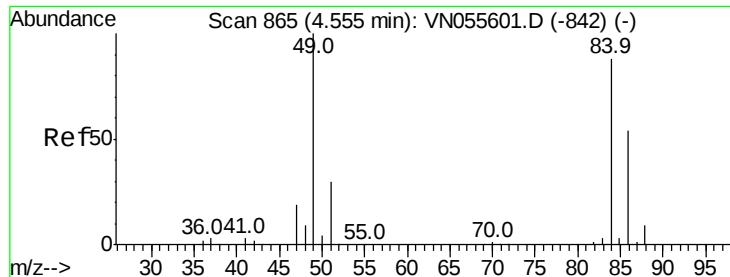
4000

2000

0

Time--> 3.70 3.80 3.90





#20

Methvlene Chloride

Concen: 19.786 ug/l

RT: 4.56 min Scan# 866

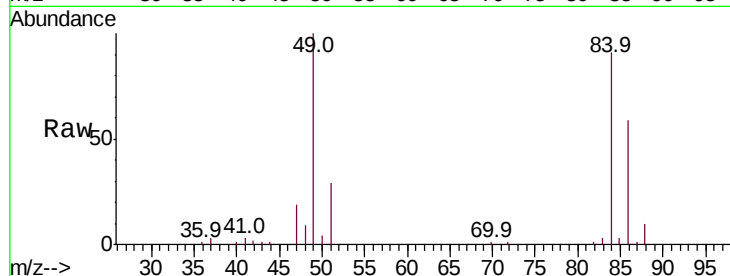
Delta R.T. 0.00 min

Lab File: VN055672.D

Acq: 20 May 2019 14:27

Tot Ion: 84 Resp: 87190

Ion	Ratio	Lower	Upper
84	100		
49	110.0	91.0	136.4
51	32.4	27.5	41.3
86	65.2	49.4	74.0



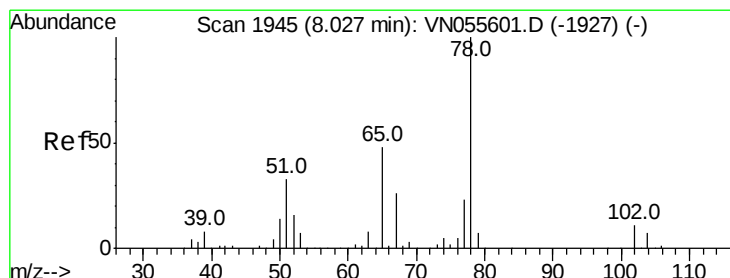
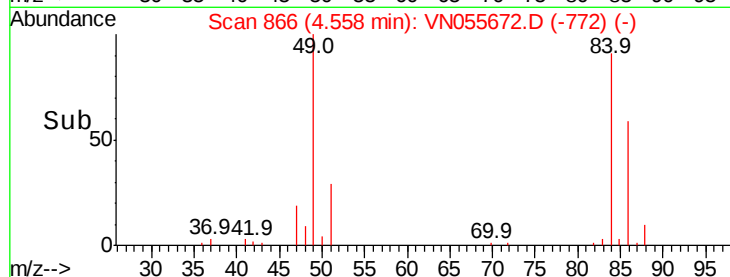
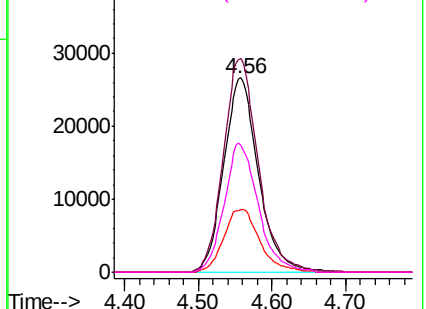
Abundance

Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 41.467 ug/l

RT: 8.03 min Scan# 1945

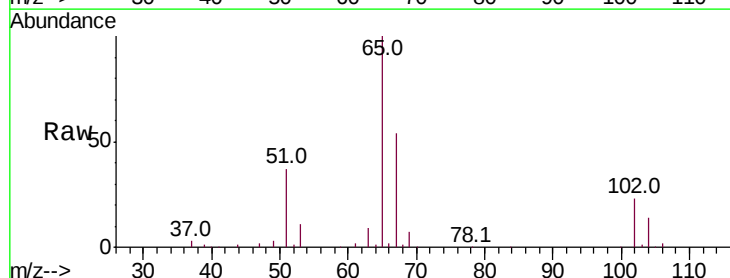
Delta R.T. -0.00 min

Lab File: VN055672.D

Acq: 20 May 2019 14:27

Tgt Ion: 65 Resp: 196206

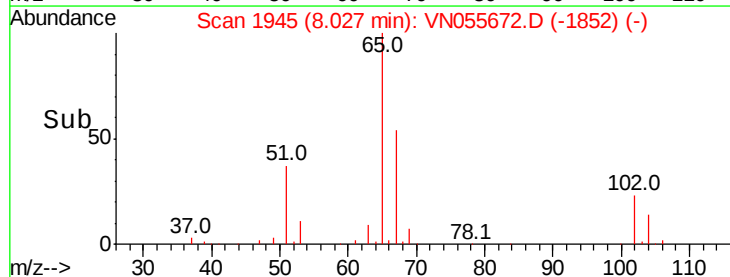
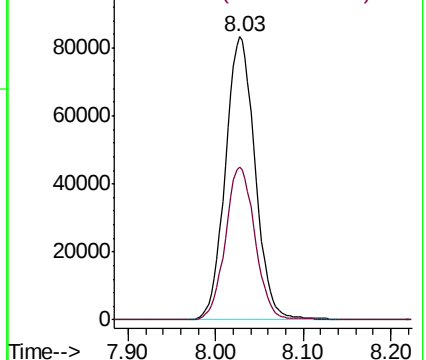
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.6

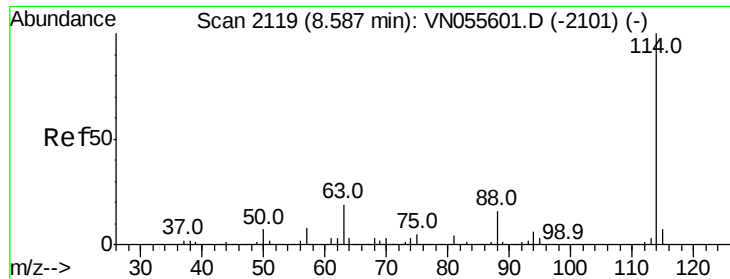


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055672.D

Acq: 20 May 2019 14:27

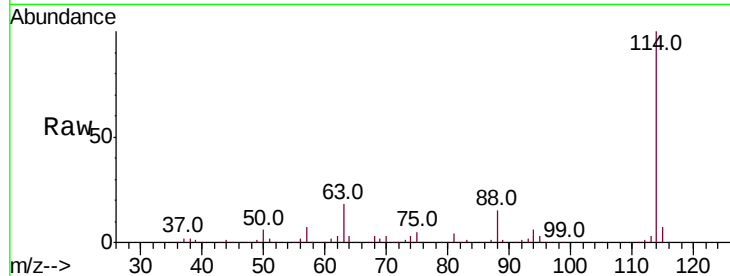
Tot Ion:114 Resp: 605535

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.2

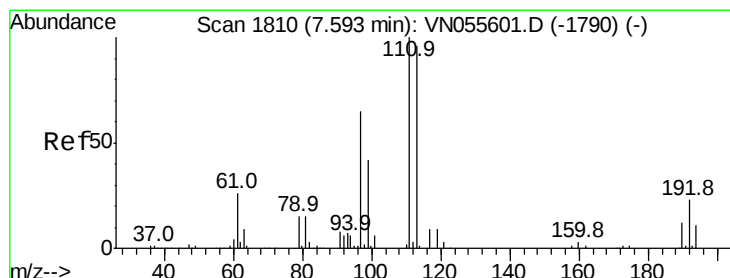
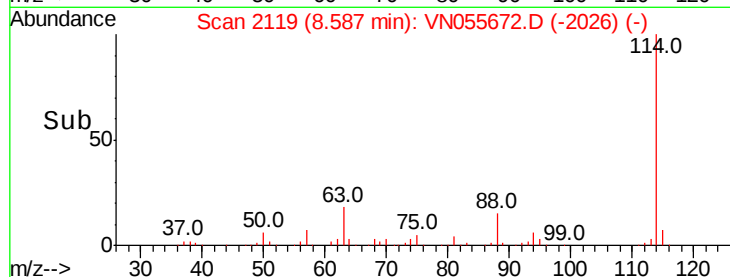
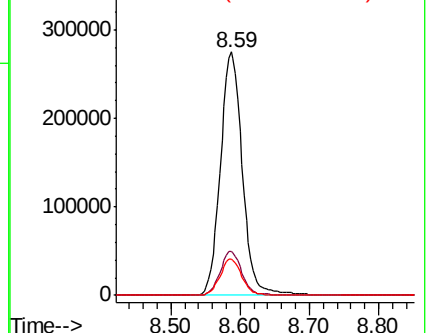
88 14.9 0.0 31.0



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: 48.226 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055672.D

Acq: 20 May 2019 14:27

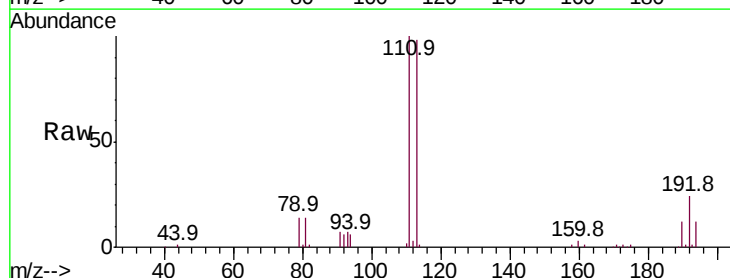
Tgt Ion:113 Resp: 185507

Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

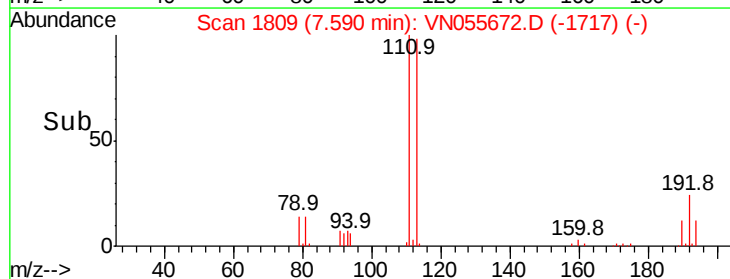
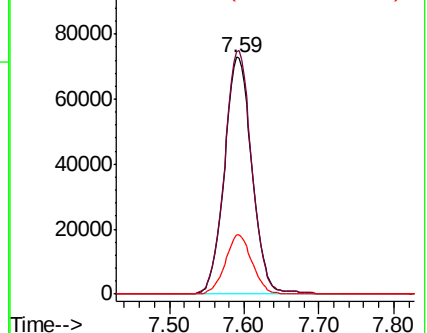
192 24.2 18.7 28.1

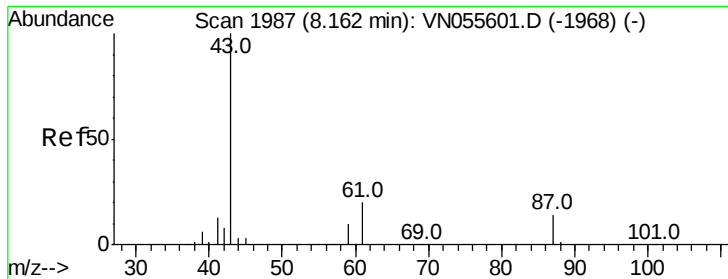


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.799 ug/l

RT: 8.17 min Scan# 1991

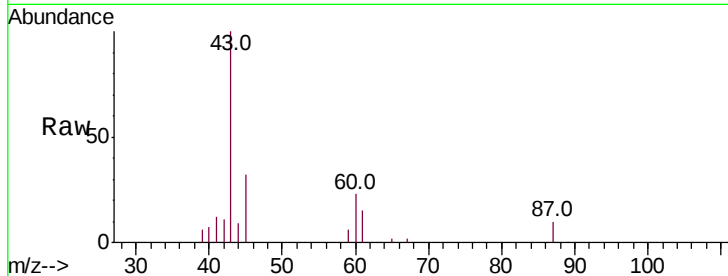
Delta R.T. 0.01 min

Lab File: VN055672.D

Acq: 20 May 2019 14:27

Tot Ion: 43 Resp: 15241

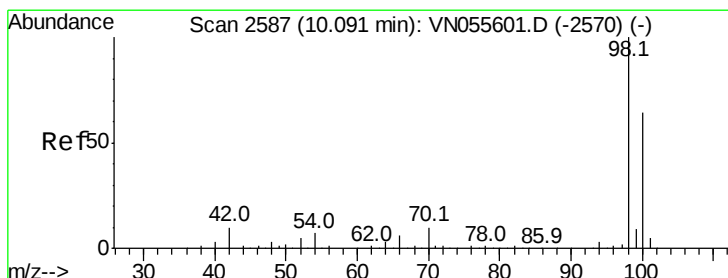
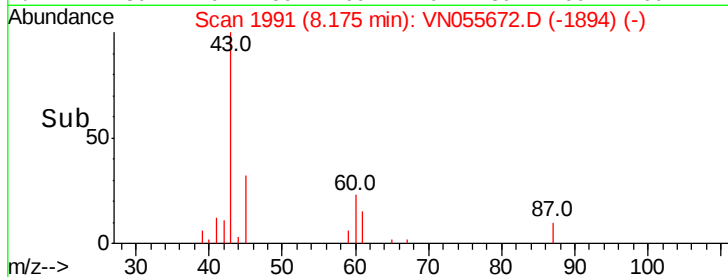
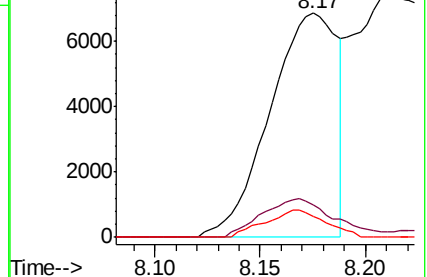
Ion	Ratio	Lower	Upper
43	100		
61	18.6	22.1	33.1#
87	10.9	11.8	17.6#



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: 47.864 ug/l

RT: 10.09 min Scan# 2587

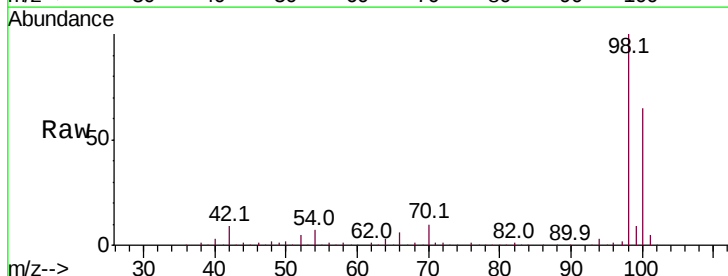
Delta R.T. -0.00 min

Lab File: VN055672.D

Acq: 20 May 2019 14:27

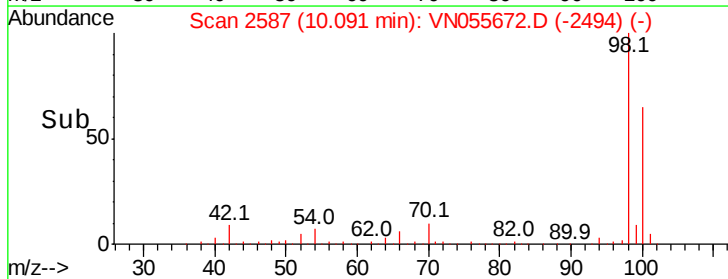
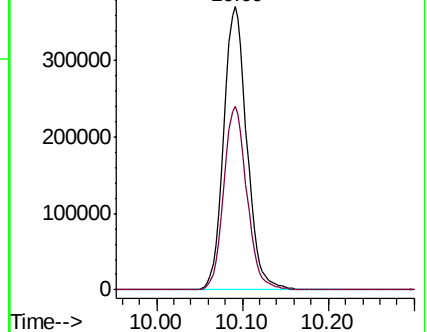
Tgt Ion: 98 Resp: 696169

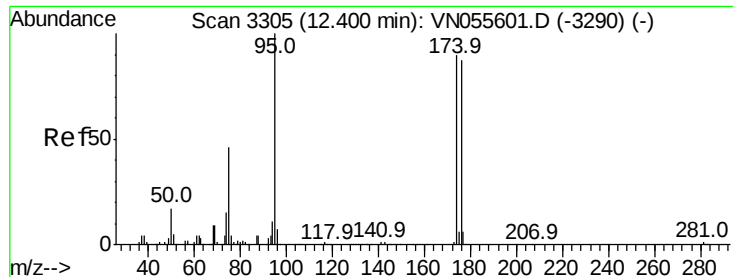
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9



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: 42.521 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055672.D

Acq: 20 May 2019 14:27

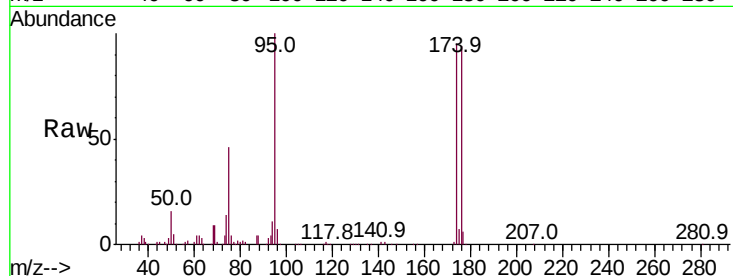
Tot Ion: 95 Resp: 213561

Ion Ratio Lower Upper

95 100

174 95.5 0.0 180.6

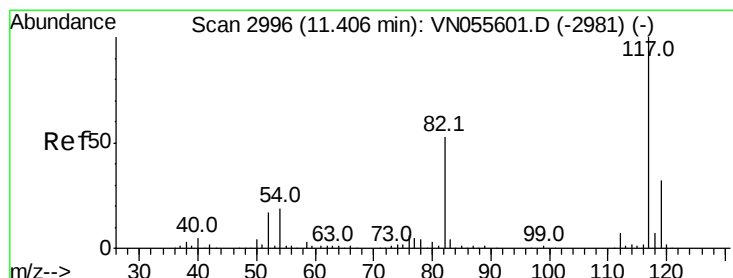
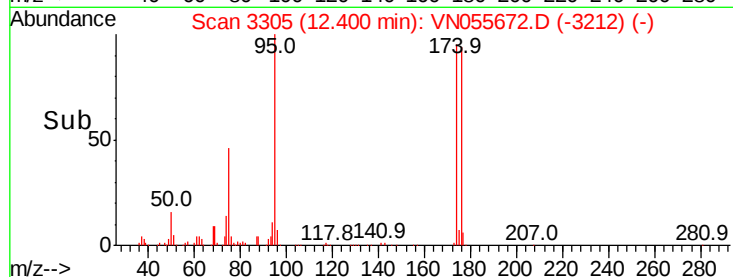
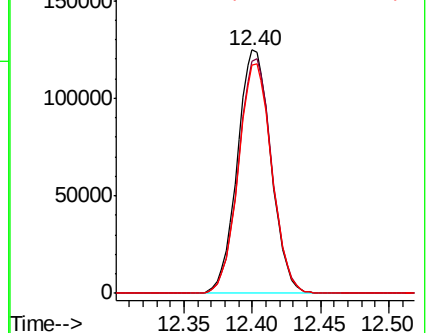
176 93.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055672.D

Acq: 20 May 2019 14:27

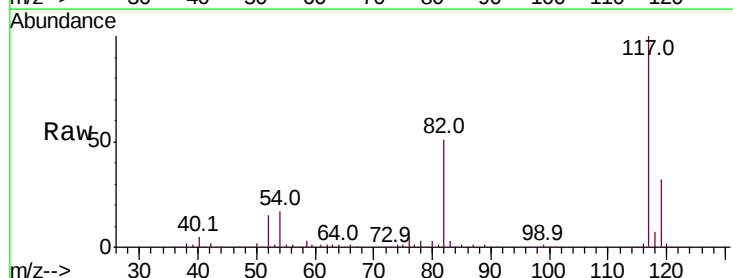
Tgt Ion: 117 Resp: 507083

Ion Ratio Lower Upper

117 100

82 50.8 42.3 63.5

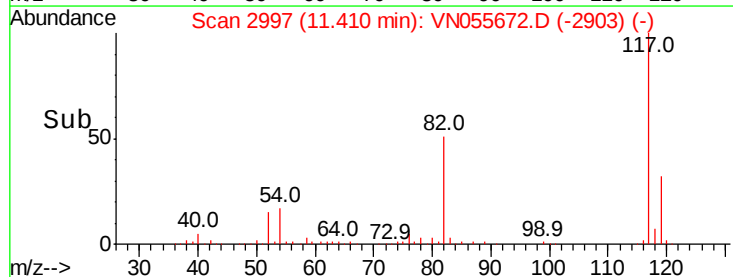
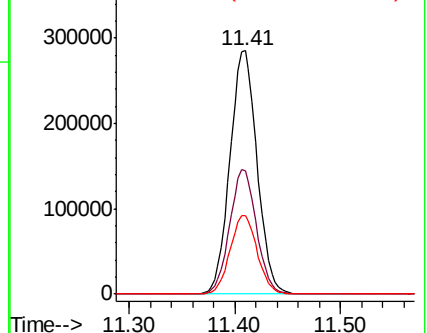
119 32.3 25.4 38.2

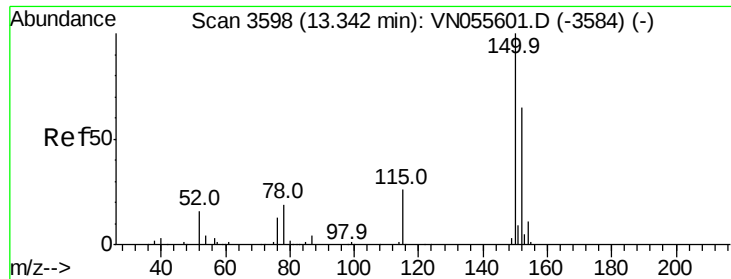


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

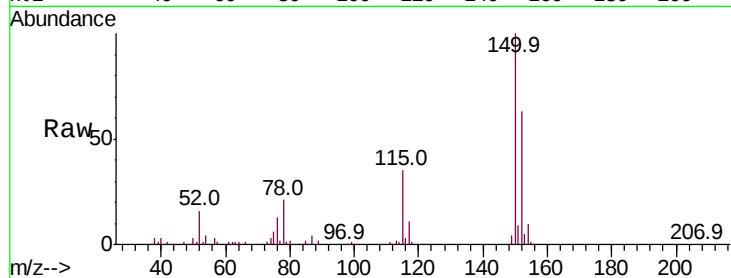




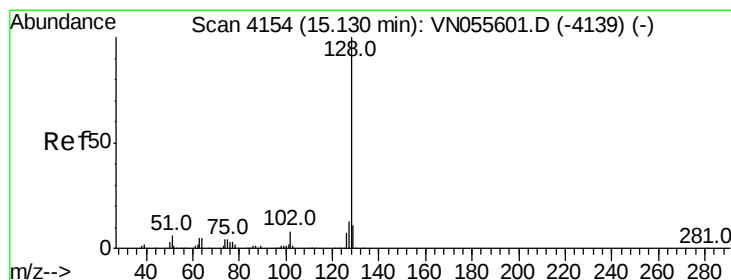
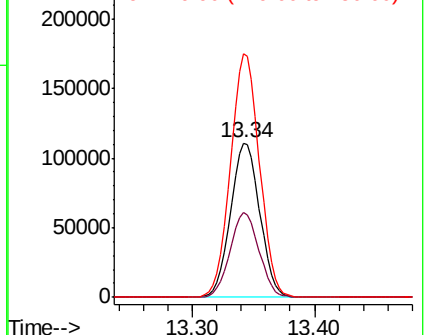
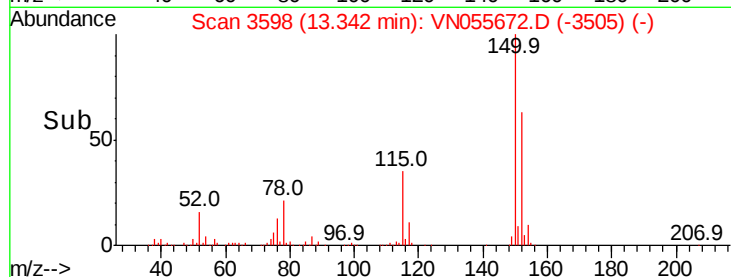
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055672.D
Acq: 20 May 2019 14:27

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.1	84.2
150	156.0	0.0	348.0



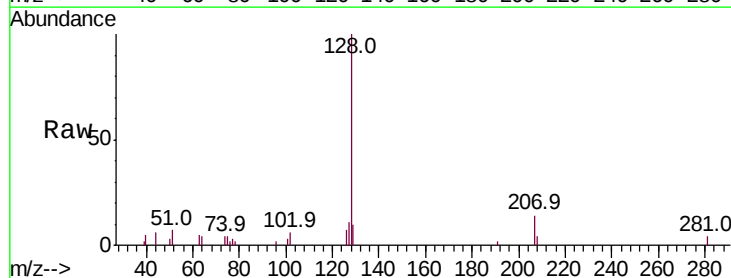
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 3.332 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055672.D
Acq: 20 May 2019 14:27

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	10.6	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

