

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055670.D
 Acq On : 20 May 2019 13:39
 Operator : JC/SP
 Sample : K2913-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

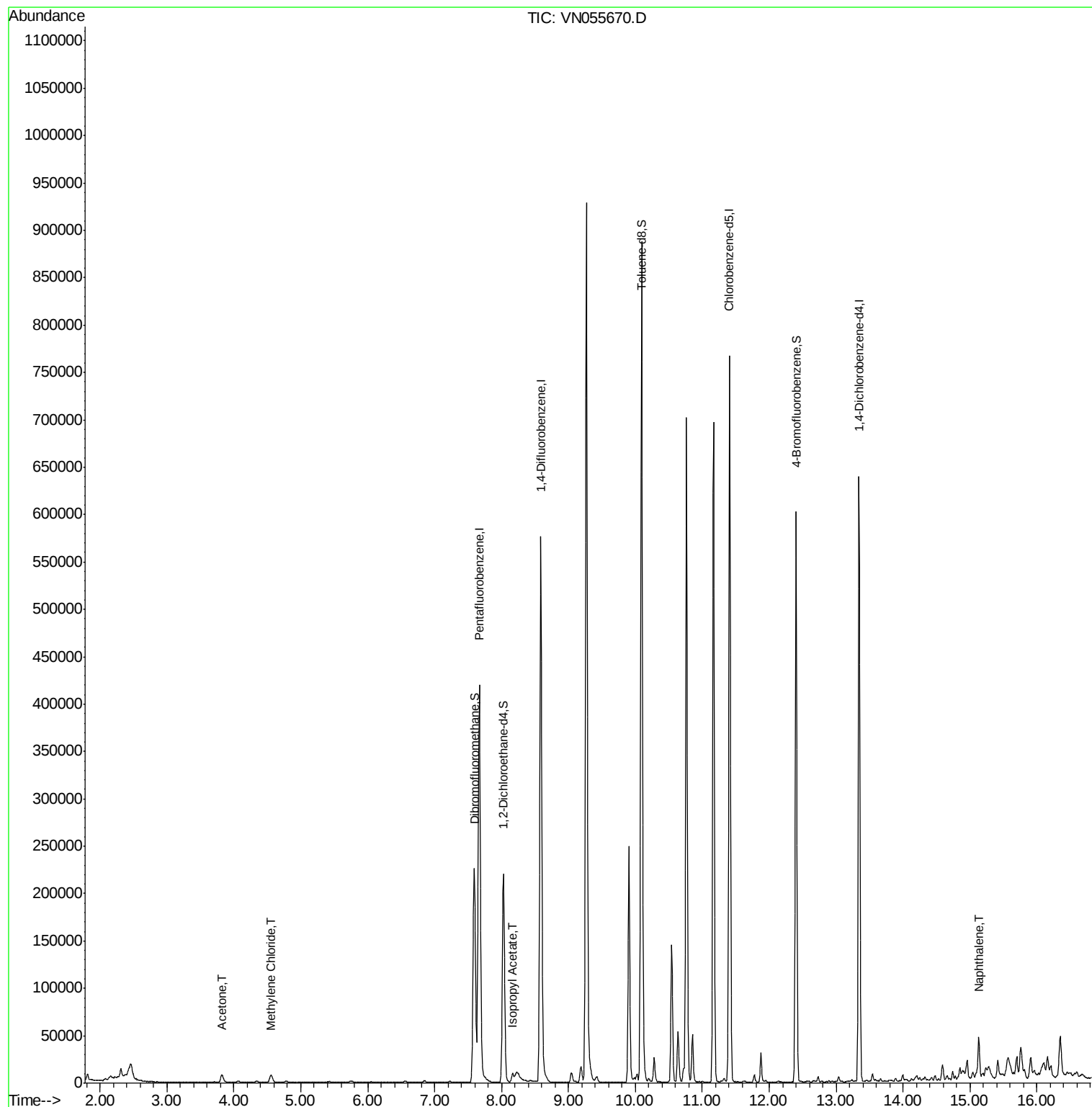
Quant Time: May 21 04:59:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

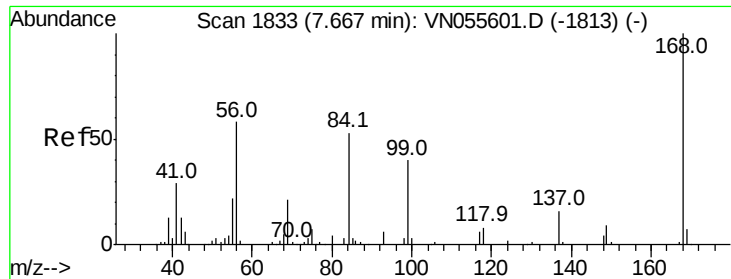
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	409412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	583676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	491246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	186880	41.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.28%	
35) Dibromofluoromethane	7.59	113	176855	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.09	98	669356	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.40	95	210351	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
Target Compounds						
16) Acetone	3.82	43	16977	9.269	ug/l	98
20) Methylene Chloride	4.55	84	6902	1.651	ug/l	92
43) Isopropyl Acetate	8.17	43	12917	1.581	ug/l #	92
95) Naphthalene	15.13	128	38927	5.598	ug/l #	95

(#) = 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: VN055670.D

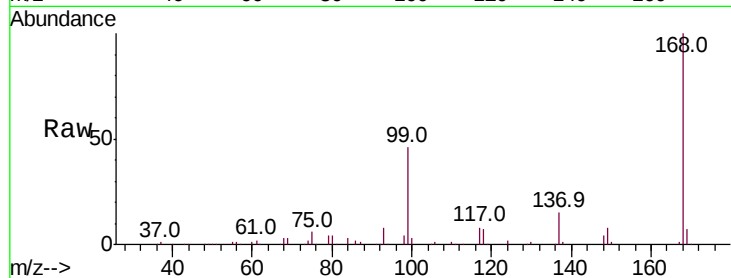
Acq: 20 May 2019 13:39

Tot Ion:168 Resp: 409412

Ion Ratio Lower Upper

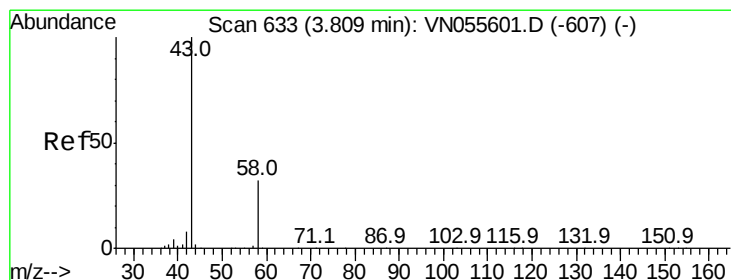
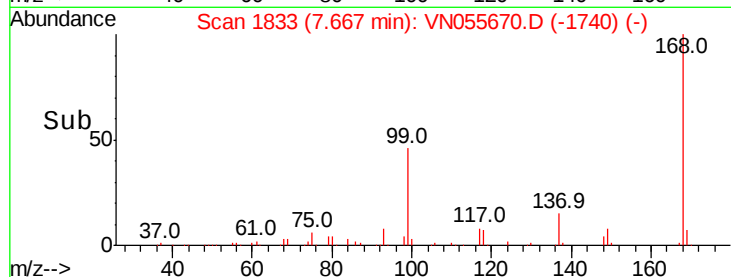
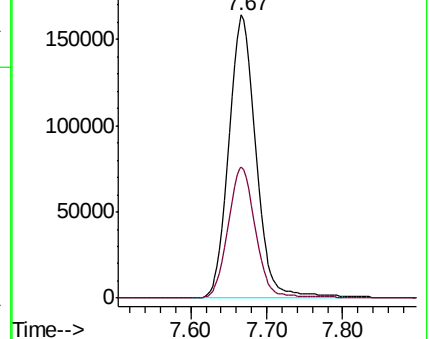
168 100

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): VN0



#16

Acetone

Concen: 9.269 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055670.D

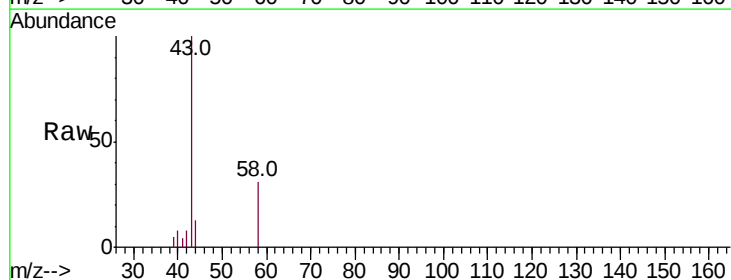
Acq: 20 May 2019 13:39

Tgt Ion: 43 Resp: 16977

Ion Ratio Lower Upper

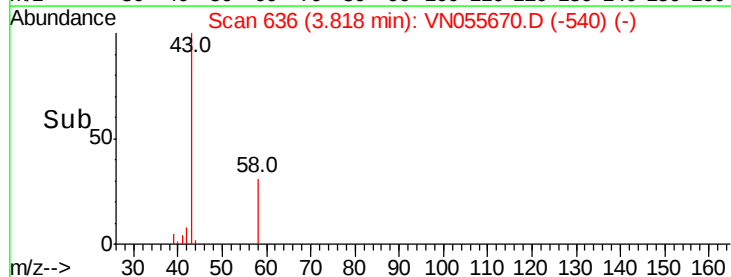
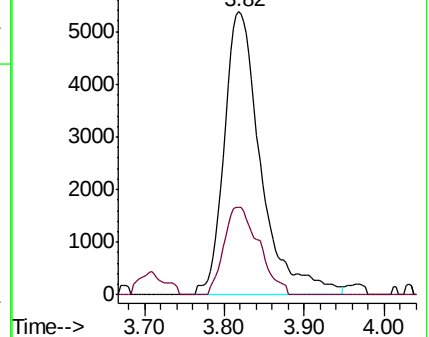
43 100

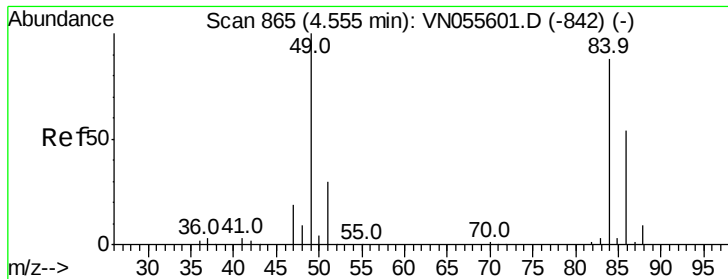
58 31.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 1.651 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055670.D

Acq: 20 May 2019 13:39

Tot Ion: 84 Resp: 6902

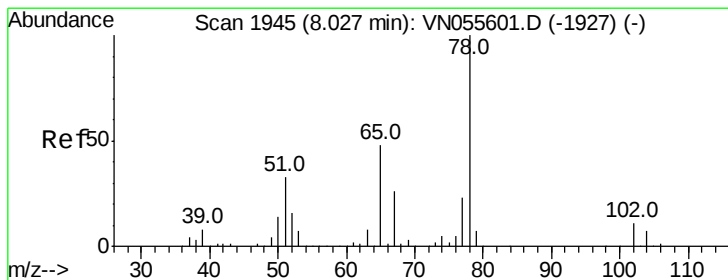
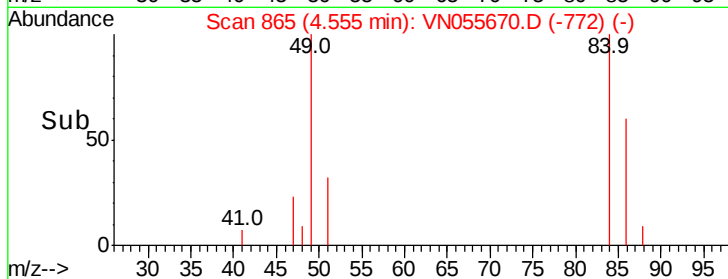
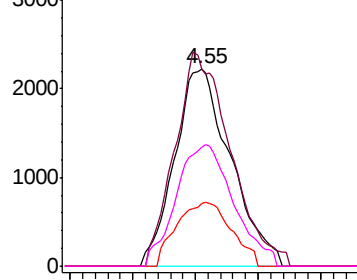
Ion	Ratio	Lower	Upper
84	100		
49	100.2	91.0	136.4
51	31.8	27.5	41.3
86	60.3	49.4	74.0

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



#33

1,2-Dichloroethane-d4

Concen: 41.640 ug/l

RT: 8.03 min Scan# 1945

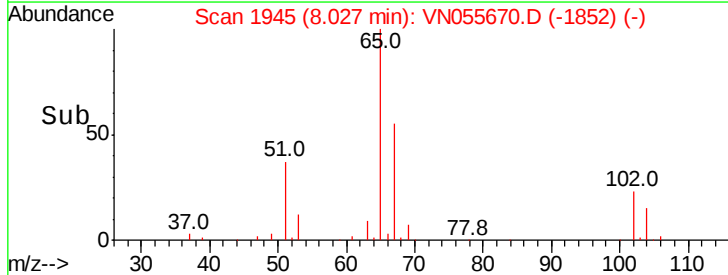
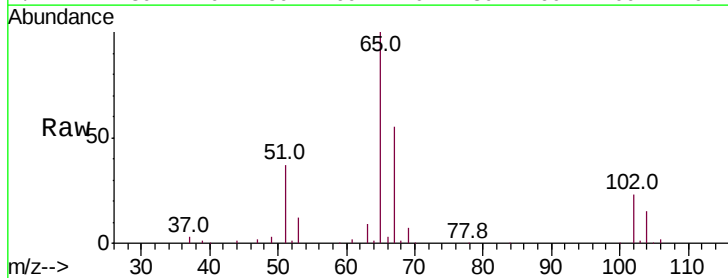
Delta R.T. 0.00 min

Lab File: VN055670.D

Acq: 20 May 2019 13:39

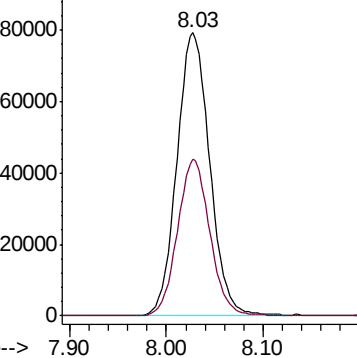
Tgt Ion: 65 Resp: 186880

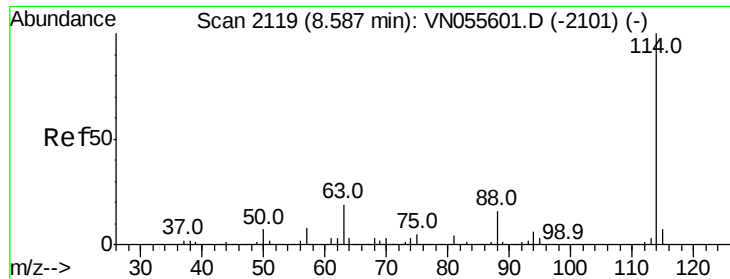
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055670.D

Acq: 20 May 2019 13:39

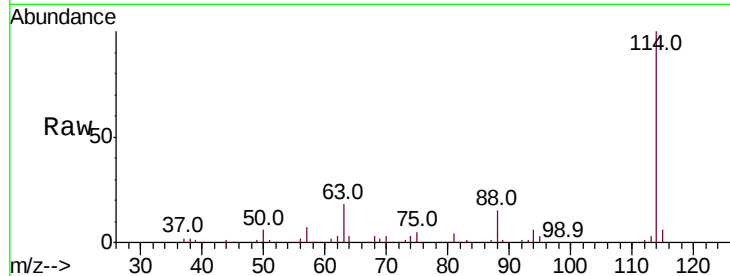
Tot Ion:114 Resp: 583676

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.2

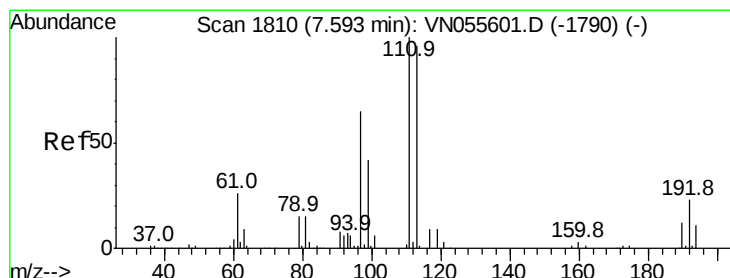
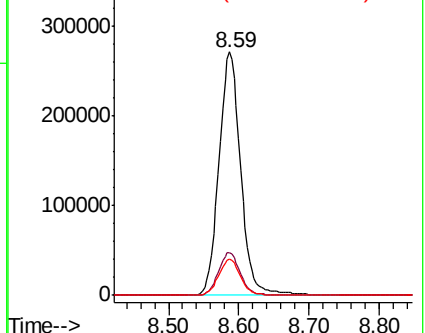
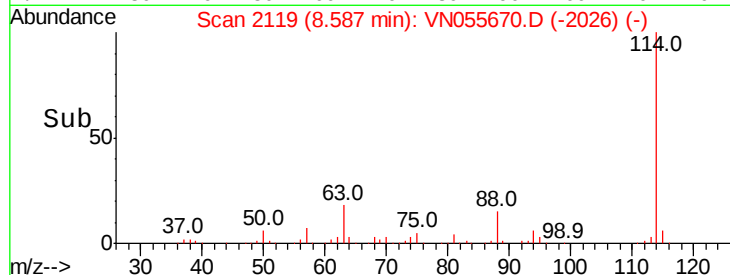
88 14.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.698 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055670.D

Acq: 20 May 2019 13:39

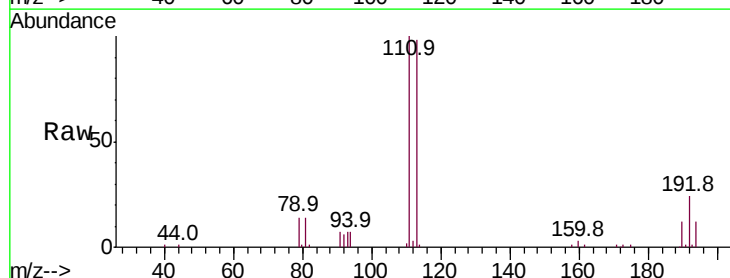
Tgt Ion:113 Resp: 176855

Ion Ratio Lower Upper

113 100

111 102.0 82.5 123.7

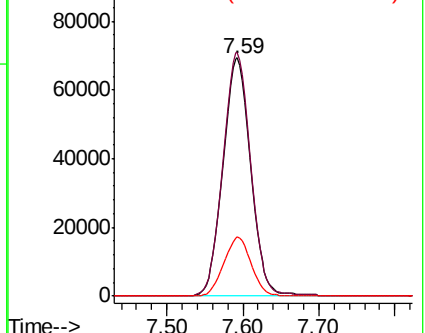
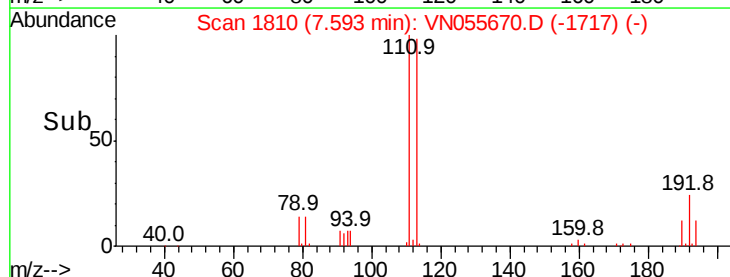
192 24.4 18.7 28.1

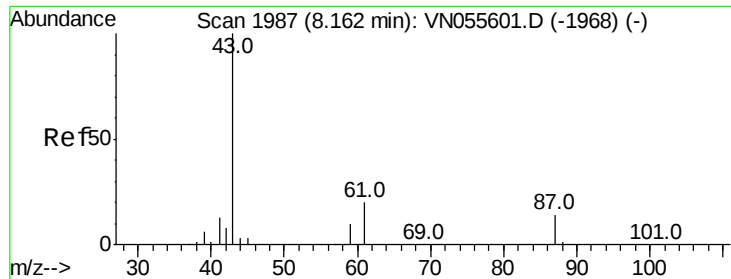


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.581 ug/l

RT: 8.17 min Scan# 1989

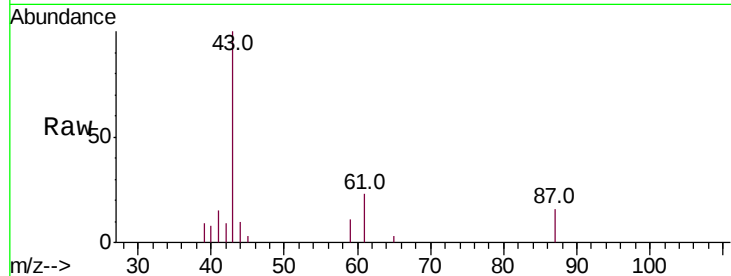
Delta R.T. 0.01 min

Lab File: VN055670.D

Acq: 20 May 2019 13:39

Tot Ion: 43 Resp: 12917

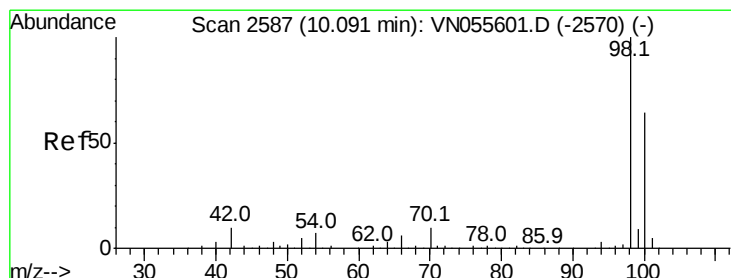
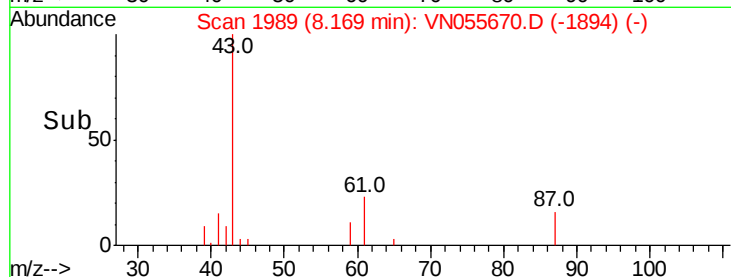
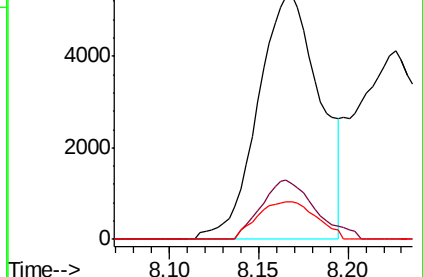
Ion	Ratio	Lower	Upper
43	100		
61	21.2	22.1	33.1#
87	14.6	11.8	17.6



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: 47.744 ug/l

RT: 10.09 min Scan# 2587

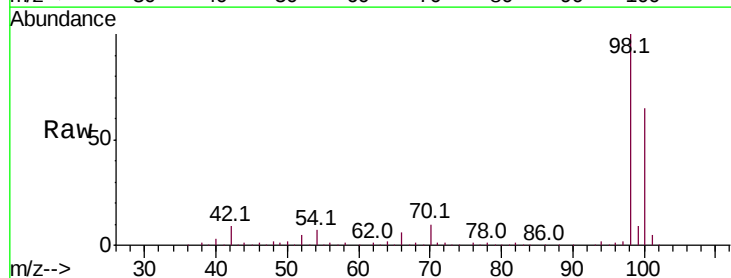
Delta R.T. 0.00 min

Lab File: VN055670.D

Acq: 20 May 2019 13:39

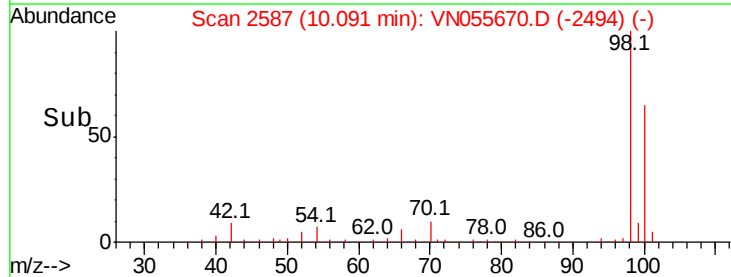
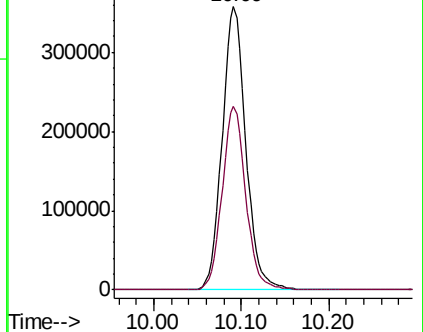
Tgt Ion: 98 Resp: 669356

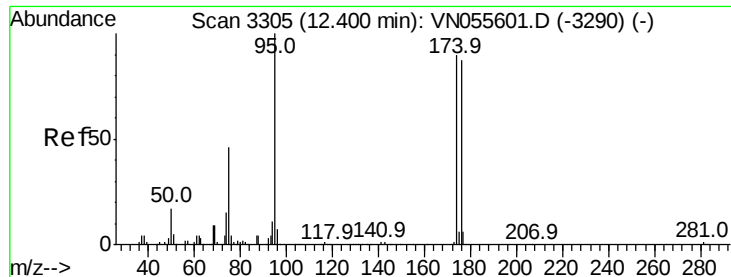
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9



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: 43.450 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055670.D

Acq: 20 May 2019 13:39

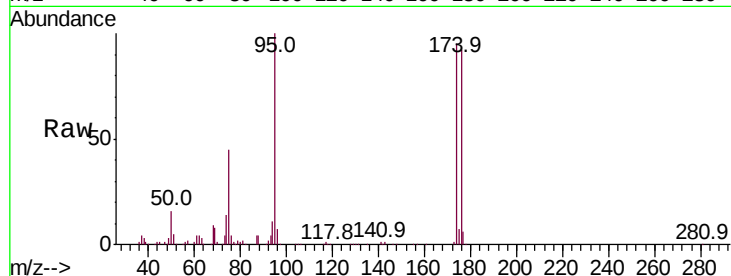
Tot Ion: 95 Resp: 210351

Ion Ratio Lower Upper

95 100

174 95.4 0.0 180.6

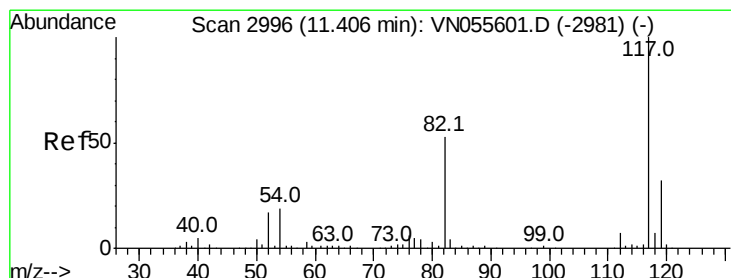
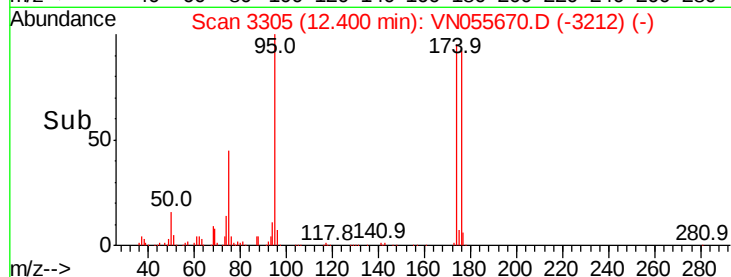
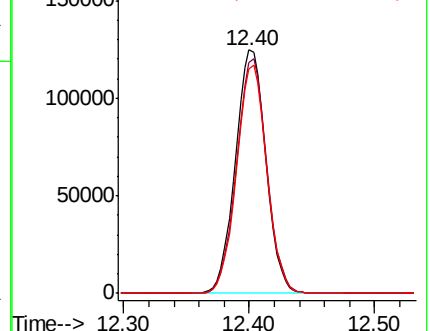
176 92.6 0.0 177.4



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# 2996

Delta R.T. 0.00 min

Lab File: VN055670.D

Acq: 20 May 2019 13:39

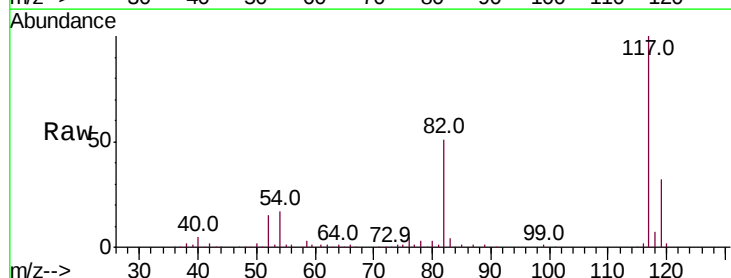
Tgt Ion: 117 Resp: 491246

Ion Ratio Lower Upper

117 100

82 50.5 42.3 63.5

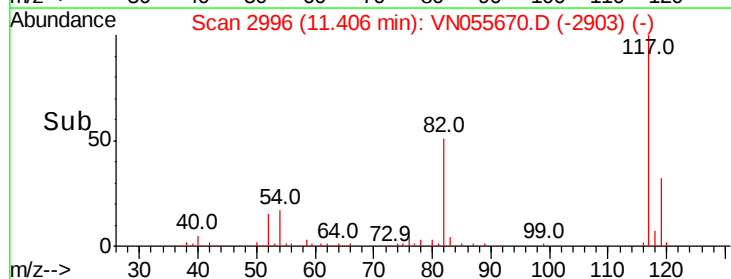
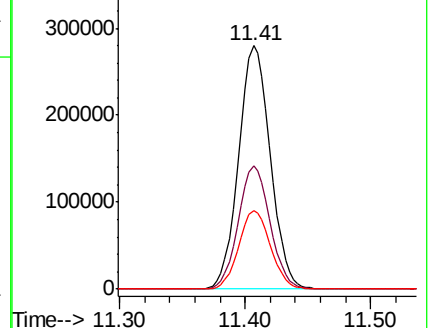
119 32.0 25.4 38.2

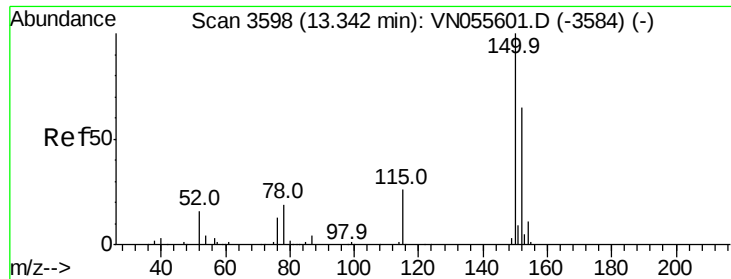


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

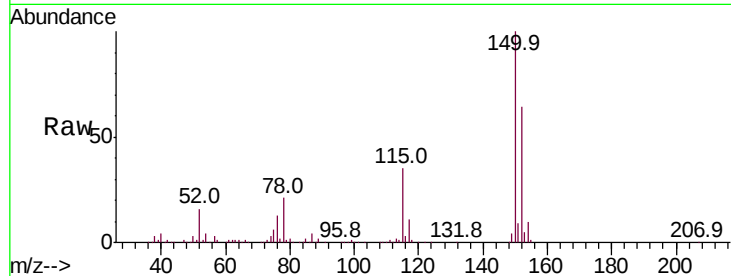




#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055670.D
Acq: 20 May 2019 13:39

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.1	84.2
150	156.2	0.0	348.0

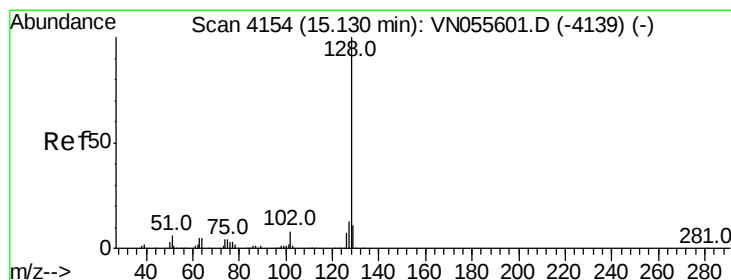
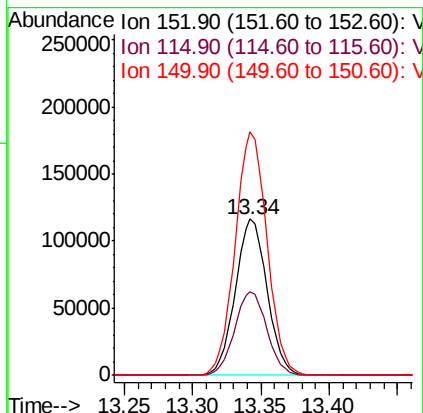
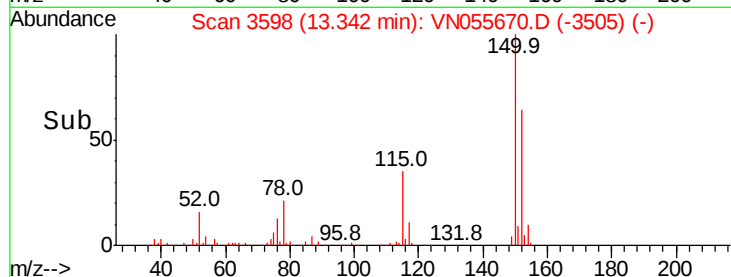


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

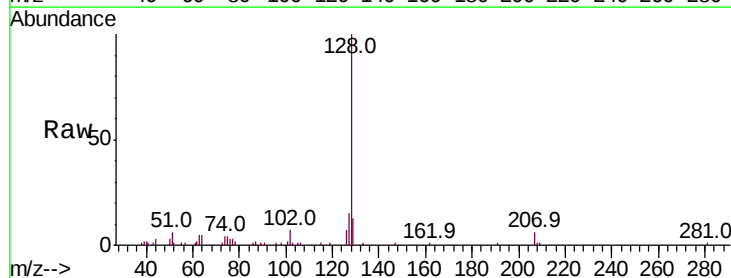
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 5.598 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055670.D
Acq: 20 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.4
129	13.2	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

