

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055669.D
 Acq On : 20 May 2019 13:14
 Operator : JC/SP
 Sample : K2922-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

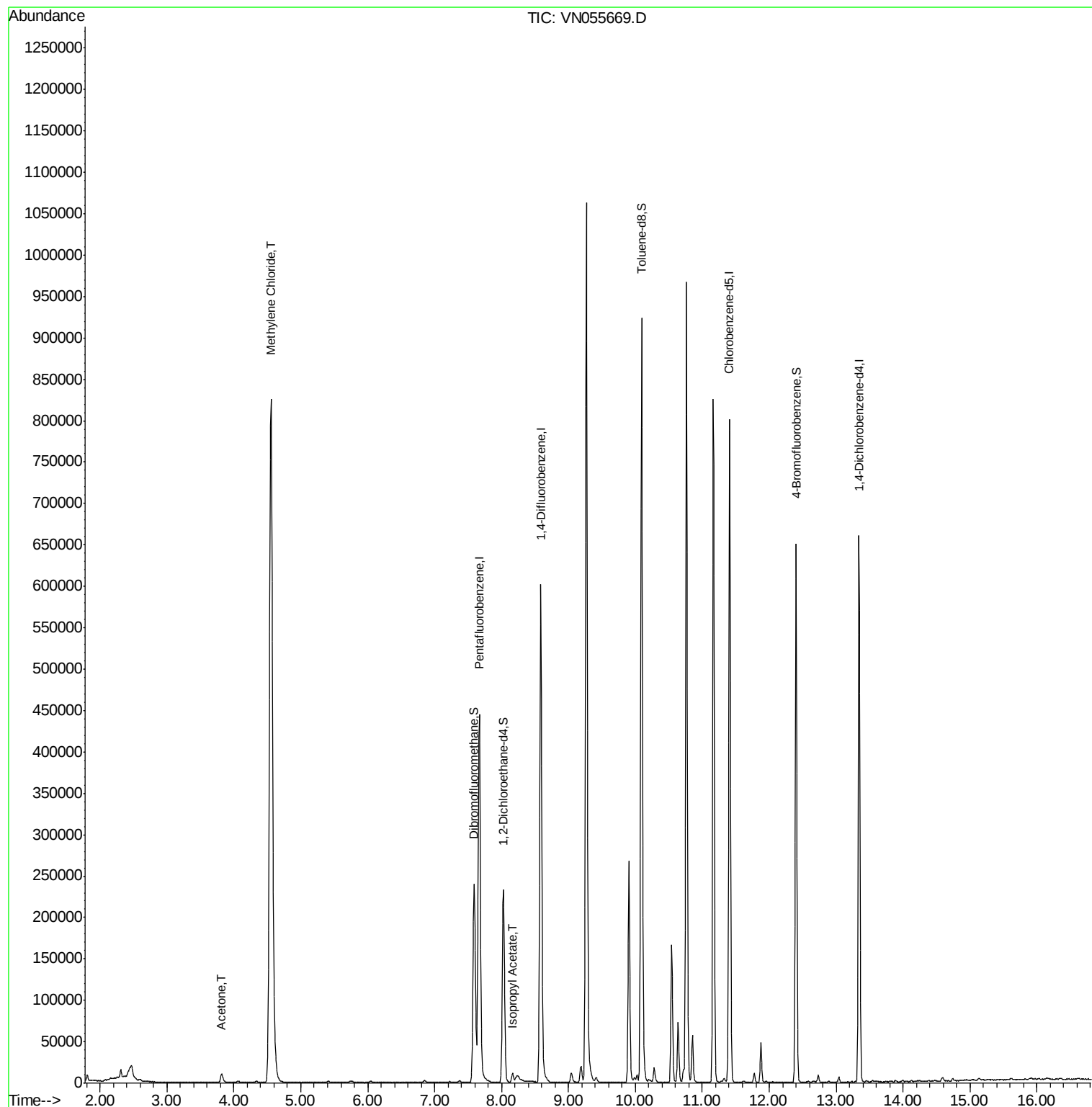
Quant Time: May 21 04:55:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	433410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	613507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	198609	41.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.60%	
35) Dibromofluoromethane	7.59	113	186020	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.09	98	707214	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.40	95	226348	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
Target Compounds						
16) Acetone	3.82	43	17765	9.163	ug/l	99
20) Methylene Chloride	4.55	84	720806	162.901	ug/l	97
43) Isopropyl Acetate	8.16	43	13008	1.515	ug/l #	92

(#) = 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: VN055669.D

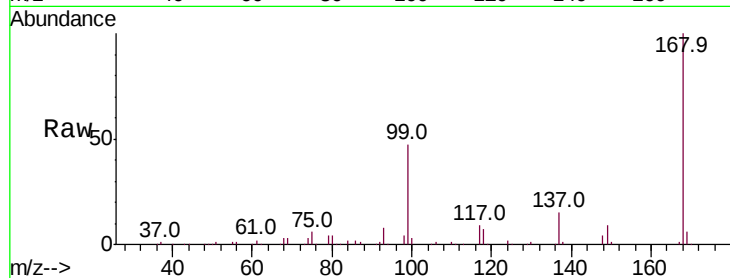
Acq: 20 May 2019 13:14

Tot Ion:168 Resp: 433410

Ion Ratio Lower Upper

168 100

99 46.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055669.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055669.D (-1740) (-)

7.67

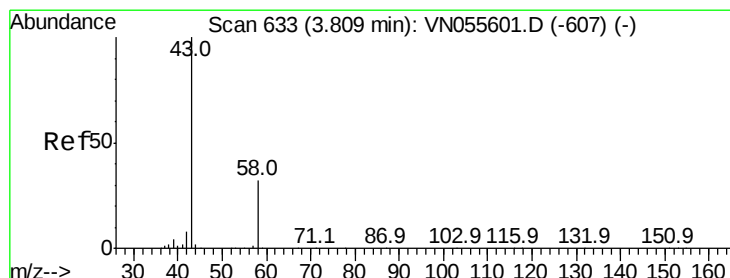
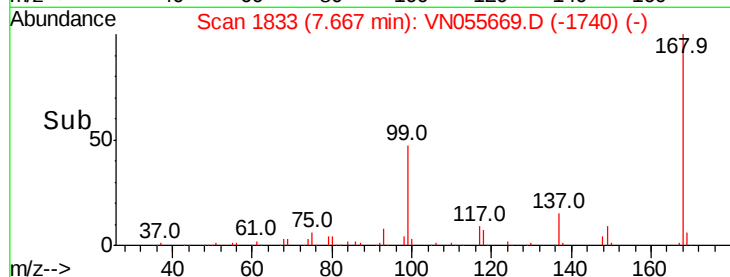
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 9.163 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055669.D

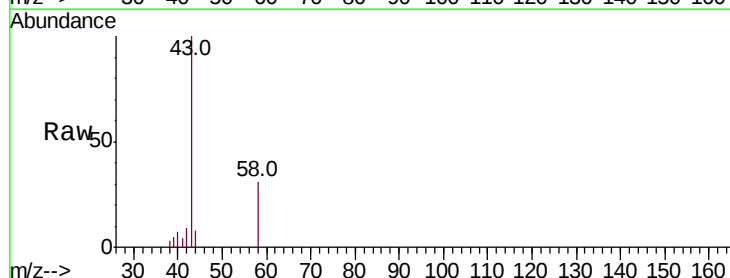
Acq: 20 May 2019 13:14

Tgt Ion: 43 Resp: 17765

Ion Ratio Lower Upper

43 100

58 31.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055669.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055669.D (-540) (-)

3.82

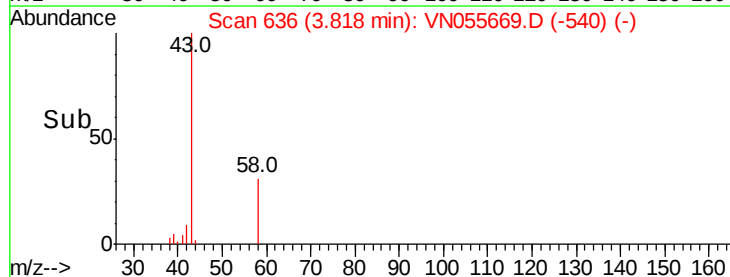
6000

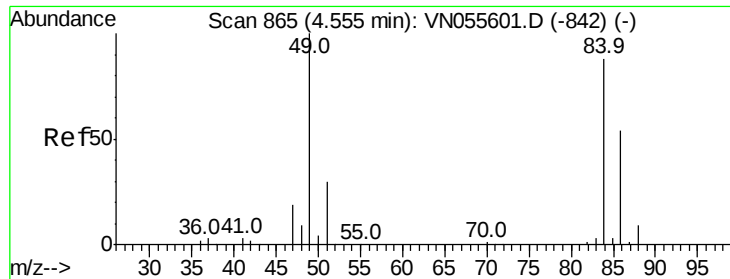
4000

2000

0

Time--> 3.70 3.80 3.90 4.00

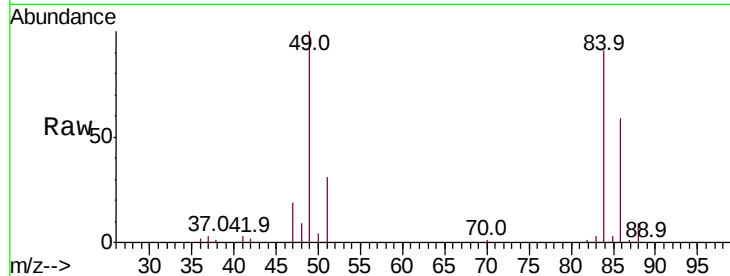




#20
Methylene Chloride
Concen: 162.901 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055669.D
Acq: 20 May 2019 13:14

Tot Ion: 84 Resp: 720806

Ion	Ratio	Lower	Upper
84	100		
49	109.4	91.0	136.4
51	34.2	27.5	41.3
86	64.5	49.4	74.0



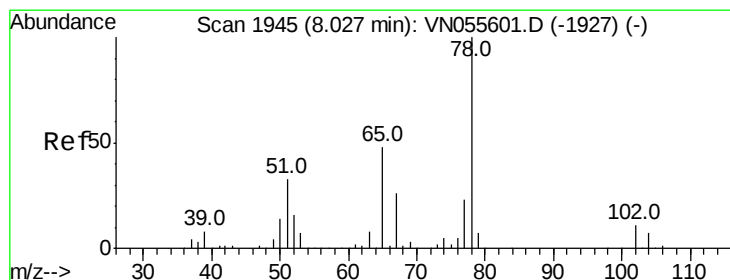
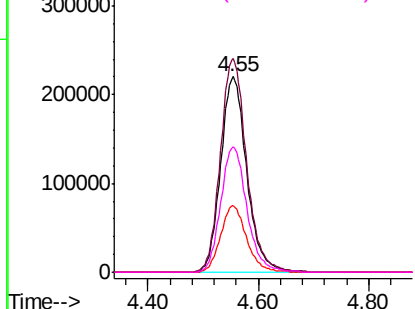
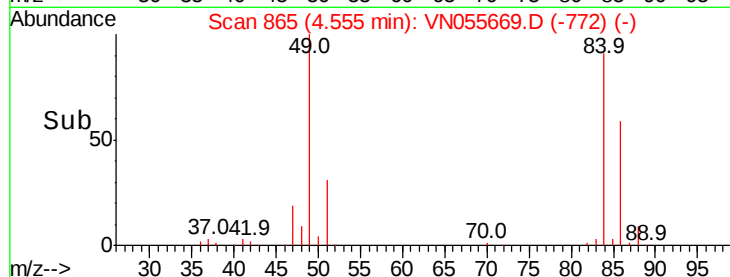
Abundance

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

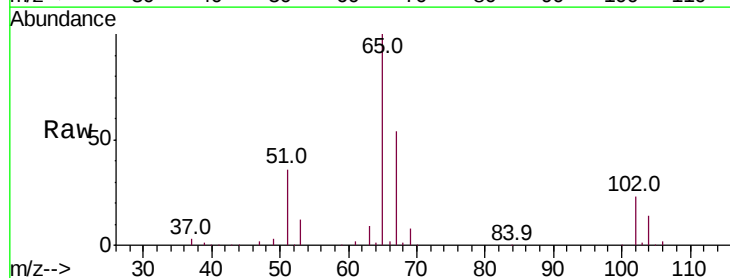
Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: 41.803 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055669.D
Acq: 20 May 2019 13:14

Tgt Ion: 65 Resp: 198609

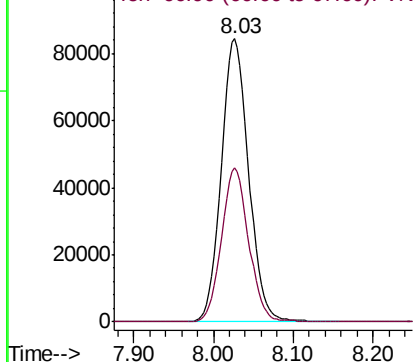
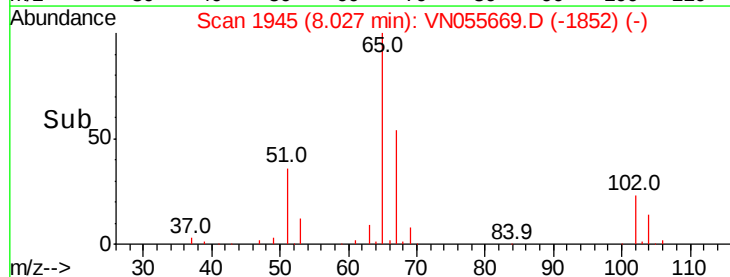
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.6

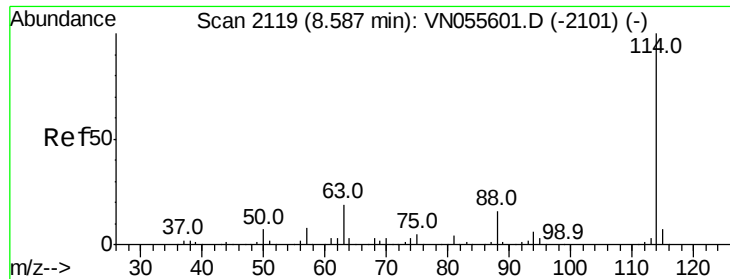


Abundance

Ion 64.90 (64.60 to 65.60): VNC

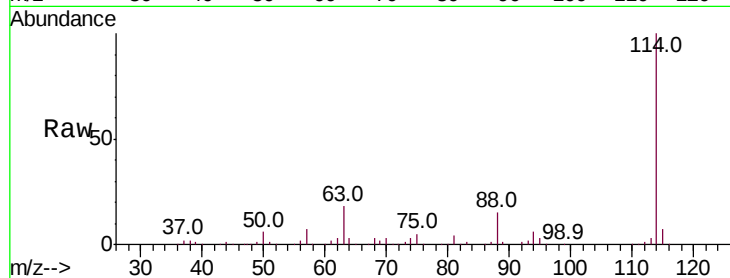
Ion 66.90 (66.60 to 67.60): VNC



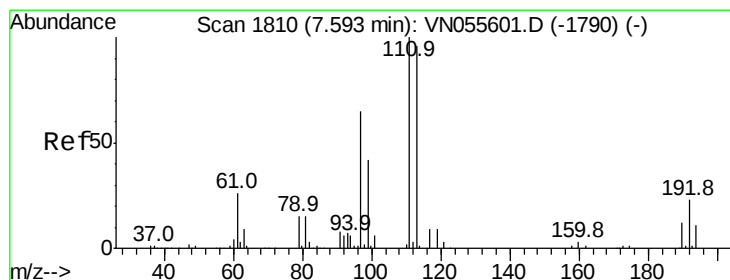
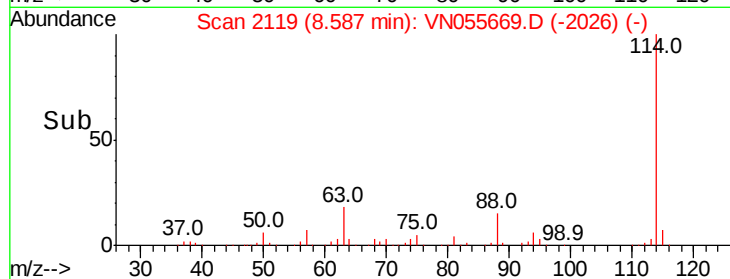
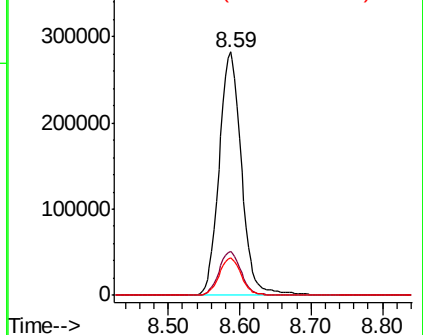


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055669.D
 Acq: 20 May 2019 13:14

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	38.2
88	15.2	0.0	31.0

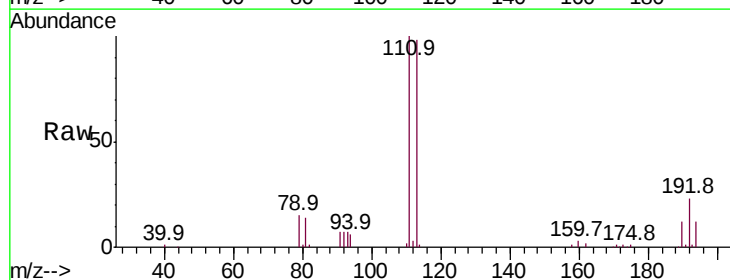


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

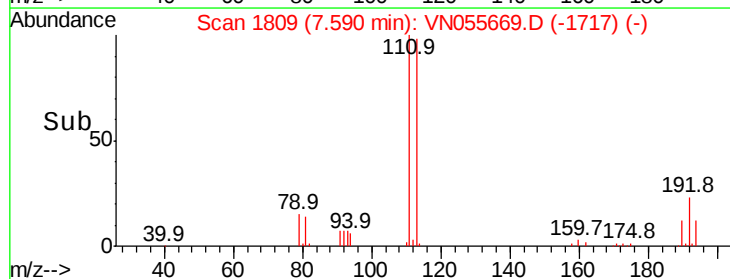
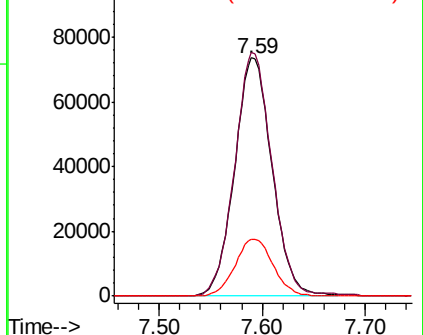


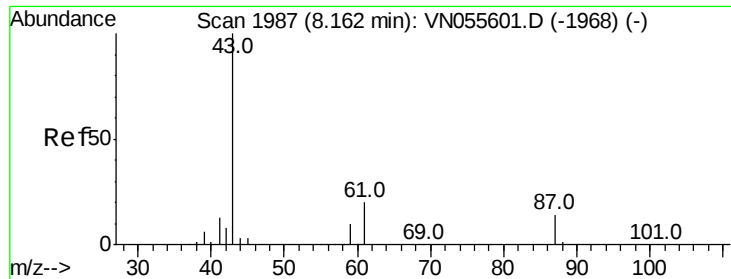
#35
 Dibromofluoromethane
 Concen: 47.731 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055669.D
 Acq: 20 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.5	123.7
192	24.3	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: 1.515 ug/l

RT: 8.16 min Scan# 1987

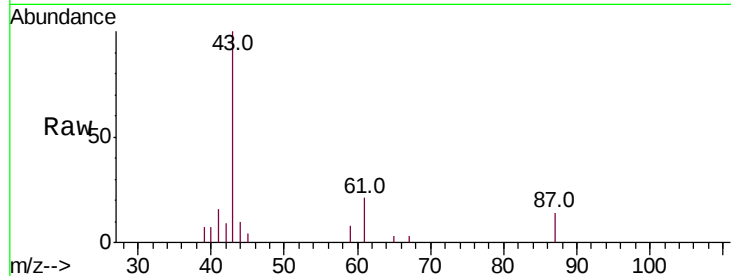
Delta R.T. -0.00 min

Lab File: VN055669.D

Acq: 20 May 2019 13:14

Tot Ion: 43 Resp: 13008

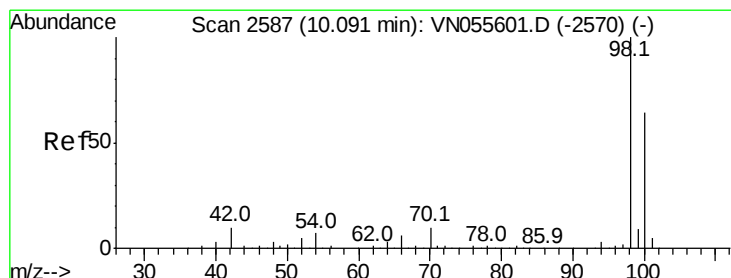
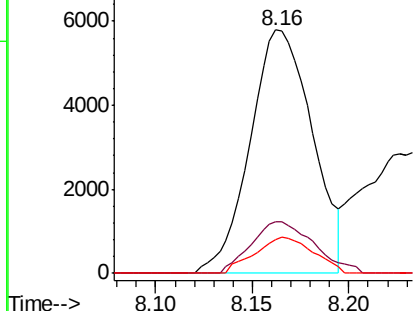
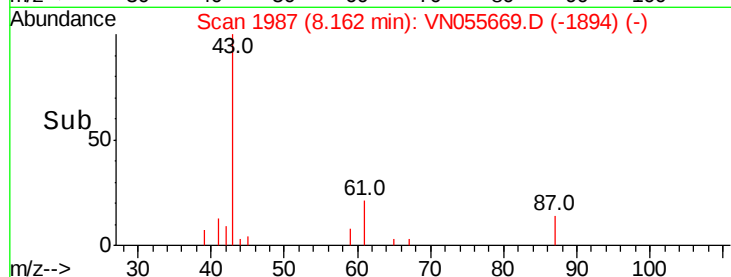
Ion	Ratio	Lower	Upper
43	100		
61	21.4	22.1	33.1#
87	14.0	11.8	17.6



Abundance Ion 43.00 (42.70 to 43.70): VN055669.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN055669.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN055669.D (-1894) (-)



#50

Toluene-d8

Concen: 47.992 ug/l

RT: 10.09 min Scan# 2587

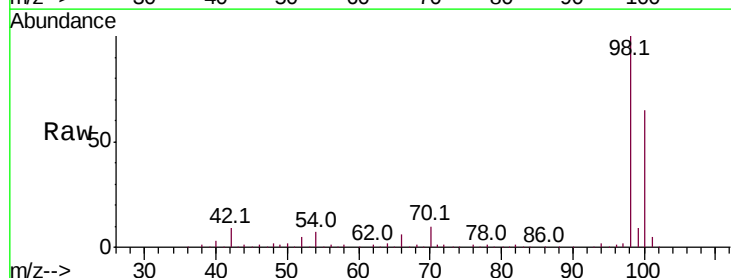
Delta R.T. -0.00 min

Lab File: VN055669.D

Acq: 20 May 2019 13:14

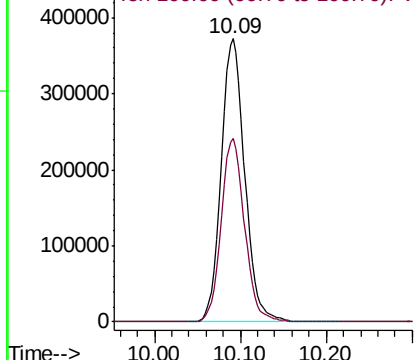
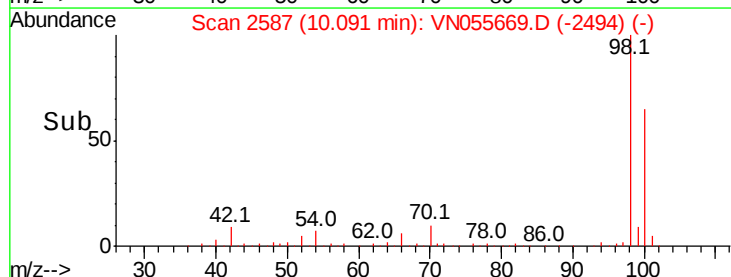
Tgt Ion: 98 Resp: 707214

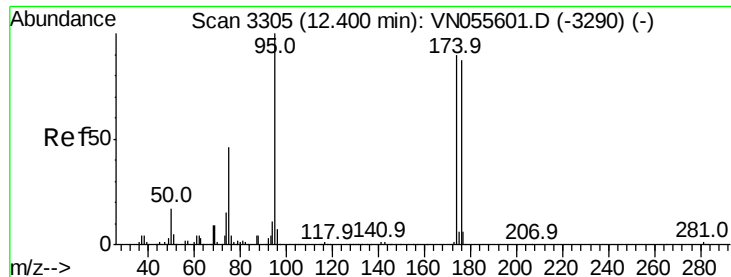
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055669.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055669.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 44.481 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055669.D

Acq: 20 May 2019 13:14

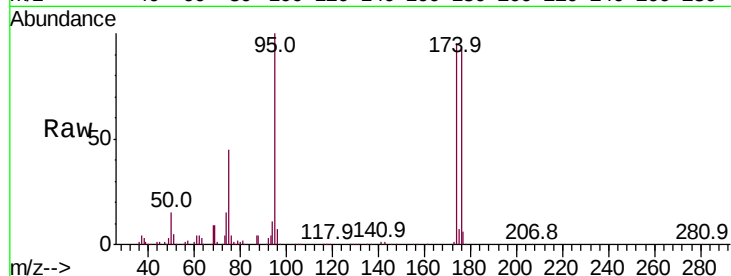
Tot Ion: 95 Resp: 226348

Ion Ratio Lower Upper

95 100

174 94.8 0.0 180.6

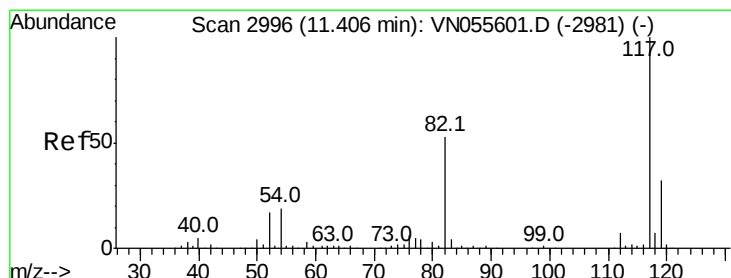
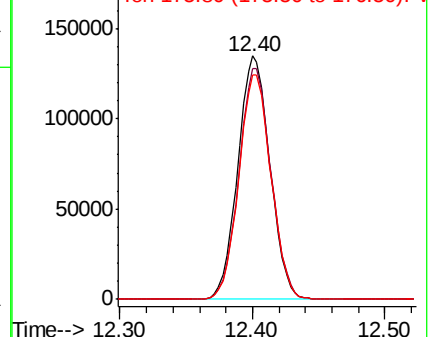
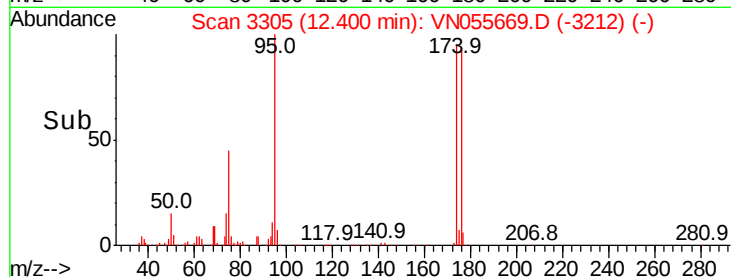
176 92.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055669.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055669.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055669.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055669.D

Acq: 20 May 2019 13:14

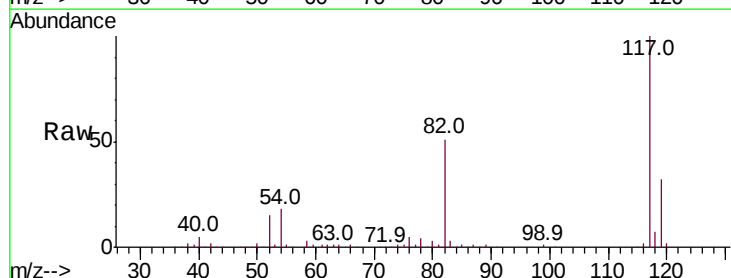
Tgt Ion: 117 Resp: 522949

Ion Ratio Lower Upper

117 100

82 51.3 42.3 63.5

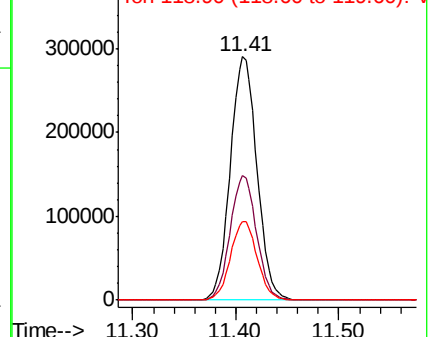
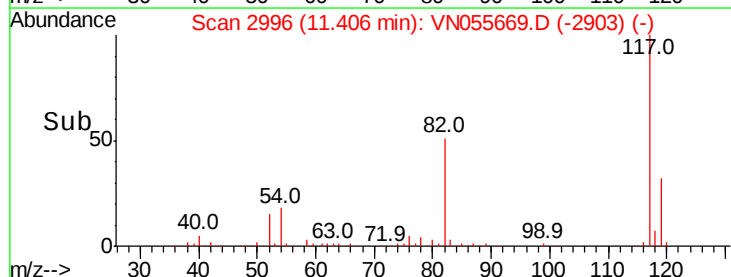
119 32.3 25.4 38.2

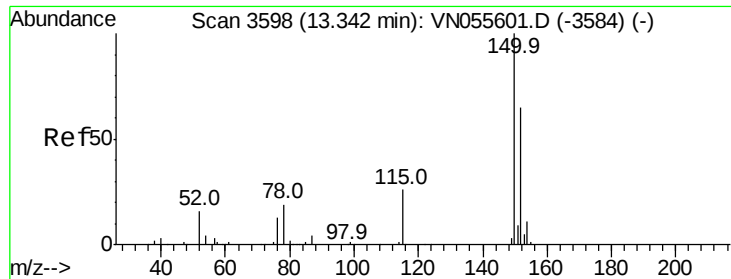


Abundance Ion 116.90 (116.60 to 117.60): VN055669.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055669.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055669.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: VN055669.D
 Acq: 20 May 2019 13:14

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.1	84.2
150	158.6	0.0	348.0

