

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055683.D
 Acq On : 20 May 2019 18:54
 Operator : JC/SP
 Sample : K2894-20
 Misc : 5.01µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 20 19:16:10 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	7.66	168	362618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	513374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	427171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176666	50.00	ug/l	0.00

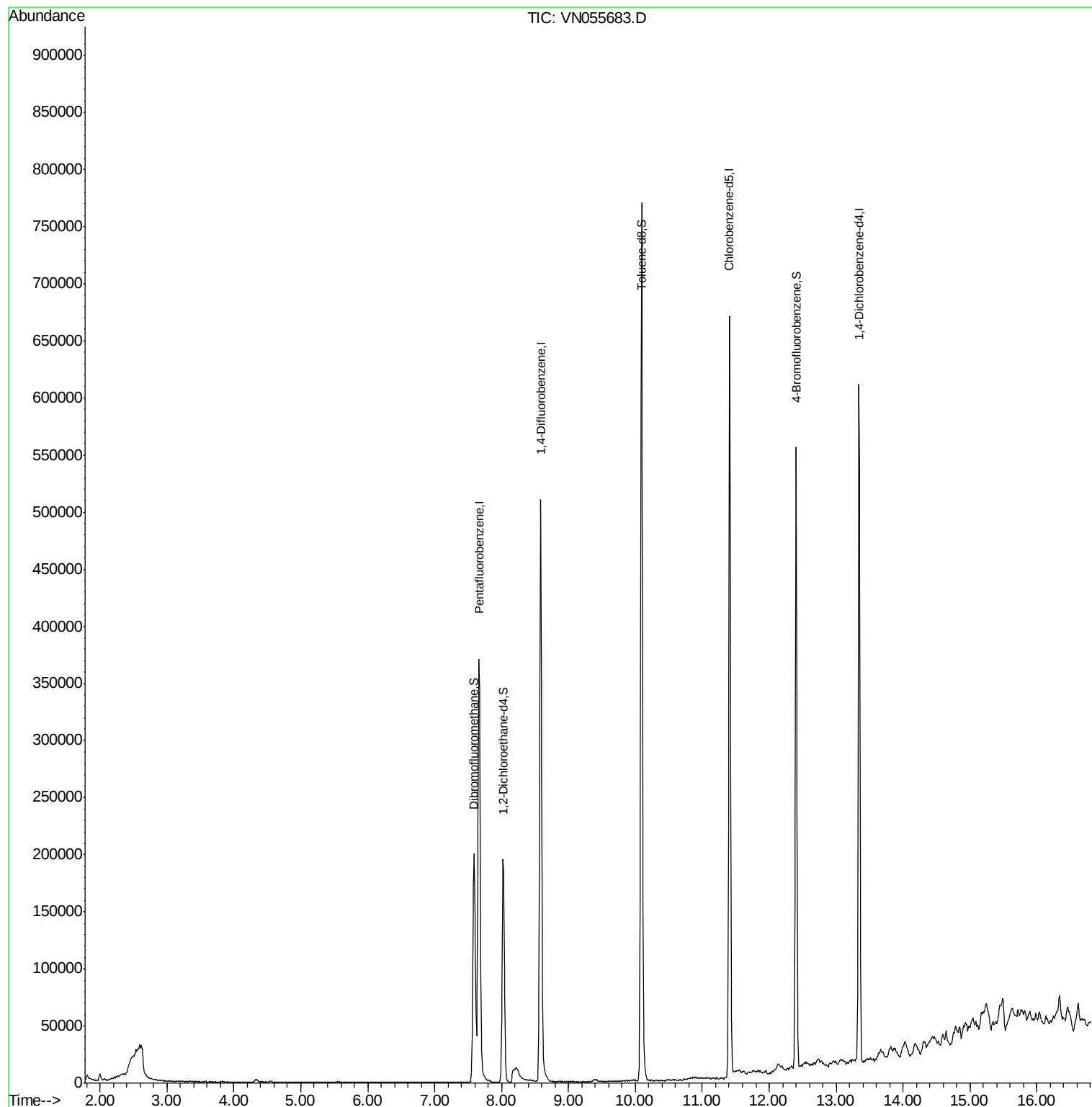
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	164496	41.38	ug/l	0.00
Spiked Amount						
			Recovery	=	82.76%	
35) Dibromofluoromethane	7.59	113	153648	47.11	ug/l	0.00
Spiked Amount						
			Recovery	=	94.22%	
50) Toluene-d8	10.09	98	591776	47.99	ug/l	0.00
Spiked Amount						
			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.40	95	184972	43.44	ug/l	0.00
Spiked Amount						
			Recovery	=	86.88%	

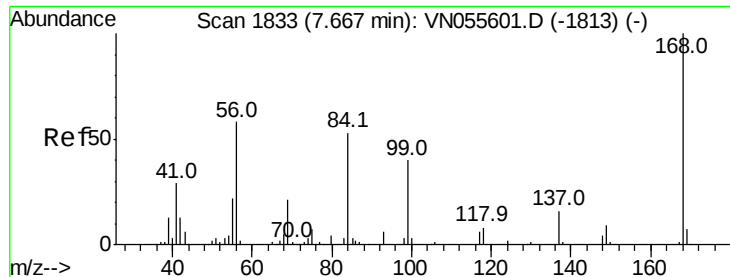
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055683.D

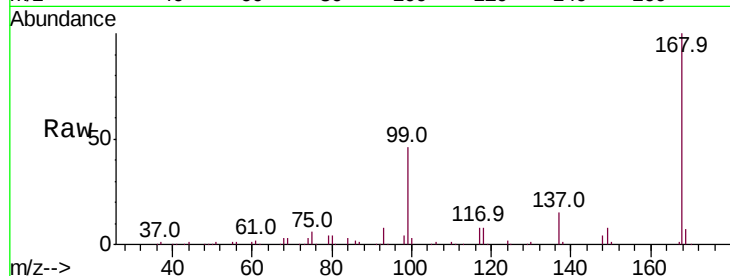
Acq: 20 May 2019 18:54

Tot Ion:168 Resp: 362618

Ion Ratio Lower Upper

168 100

99 46.5 40.2 60.2



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

Ion 98.90 (98.60 to 99.60): VN055683.D (-1740) (-)

7.66

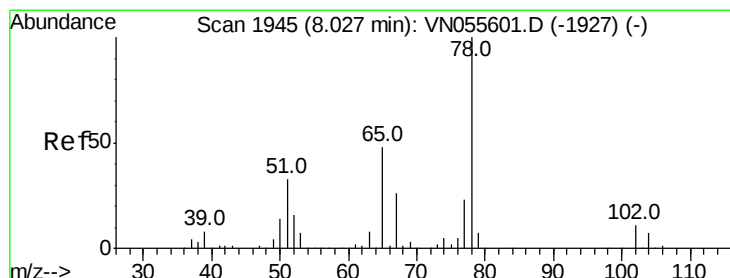
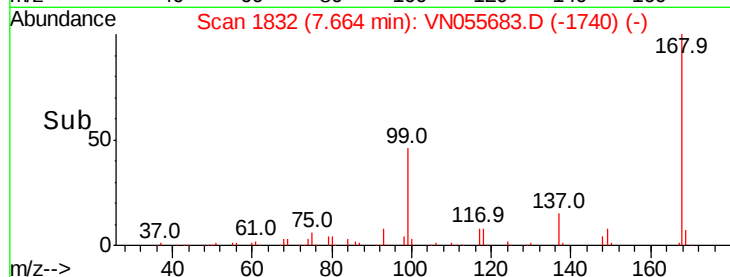
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 41.382 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055683.D

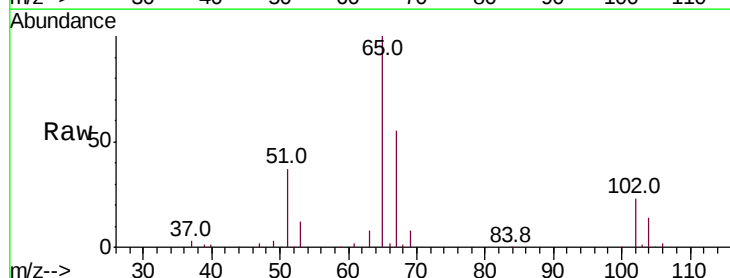
Acq: 20 May 2019 18:54

Tgt Ion: 65 Resp: 164496

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055601.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055683.D (-1852) (-)

8.02

80000

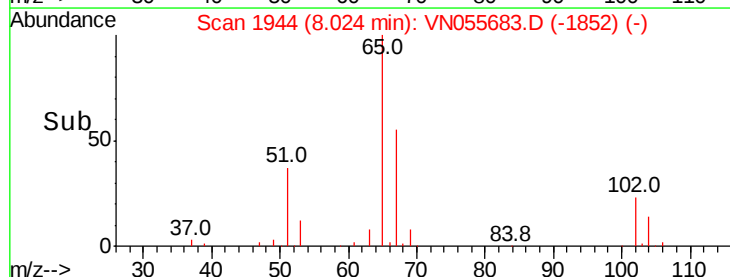
60000

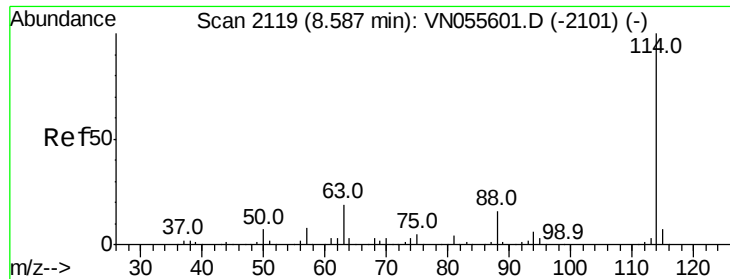
40000

20000

0

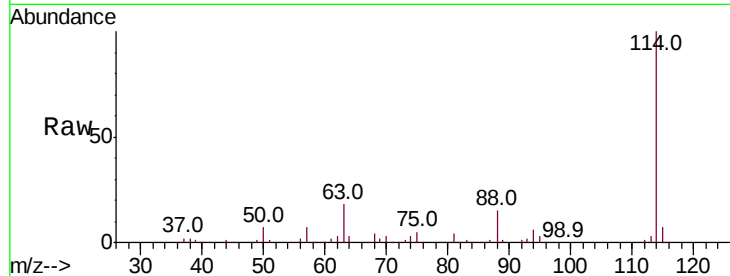
Time--> 7.90 8.00 8.10



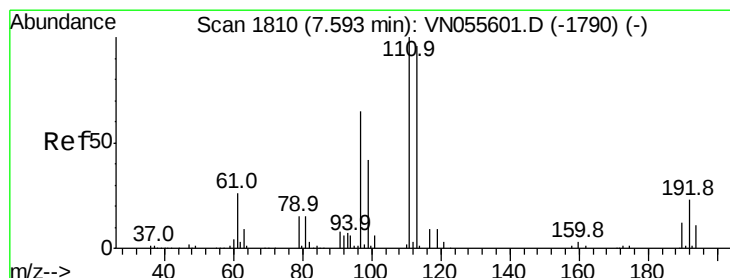
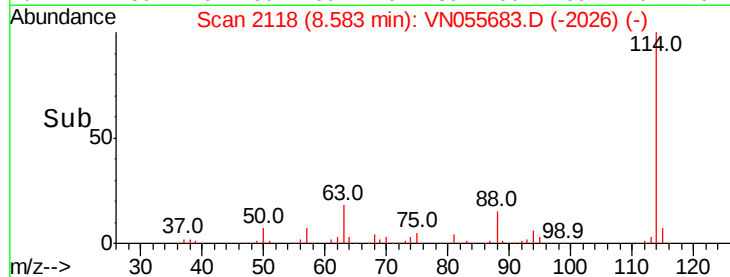
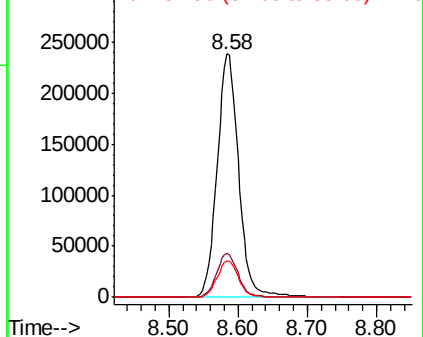


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055683.D
 Acq: 20 May 2019 18:54

Tot Ion:114 Resp: 513374
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.2
 88 15.0 0.0 31.0

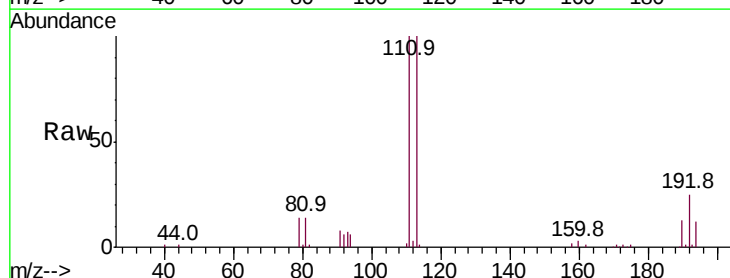


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

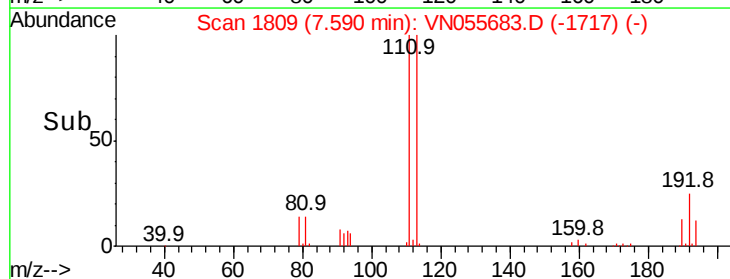
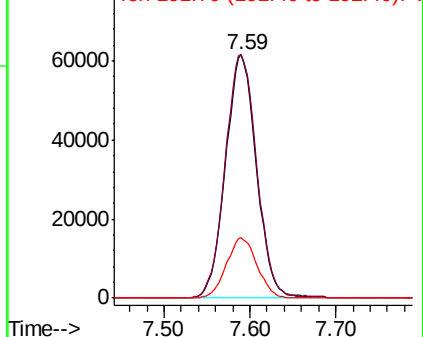


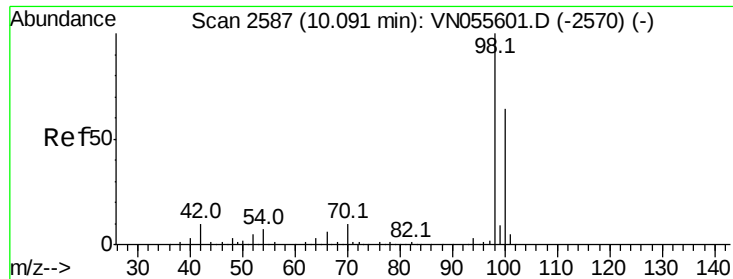
#35
 Dibromofluoromethane
 Concen: 47.114 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055683.D
 Acq: 20 May 2019 18:54

Tgt Ion:113 Resp: 153648
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.5 123.7
 192 24.6 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





#50

Toluene-d8

Concen: 47.991 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055683.D

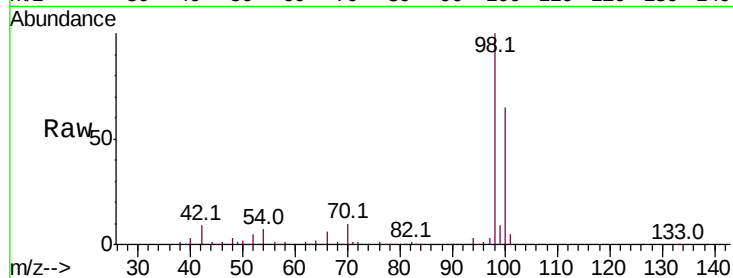
Acq: 20 May 2019 18:54

Tot Ion: 98 Resp: 591776

Ion Ratio Lower Upper

98 100

100 64.7 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) (-)

10.09

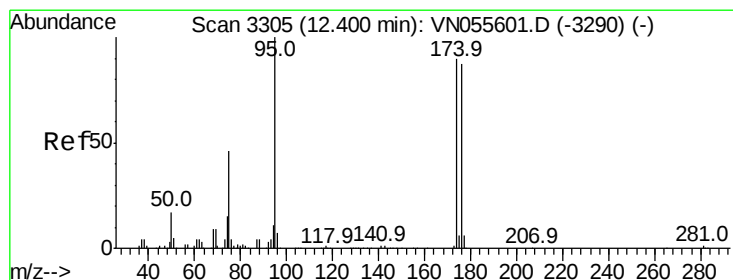
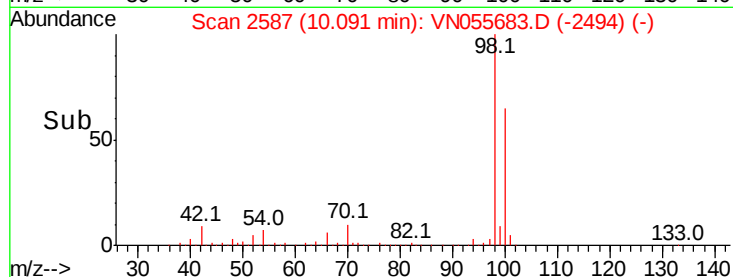
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.440 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055683.D

Acq: 20 May 2019 18:54

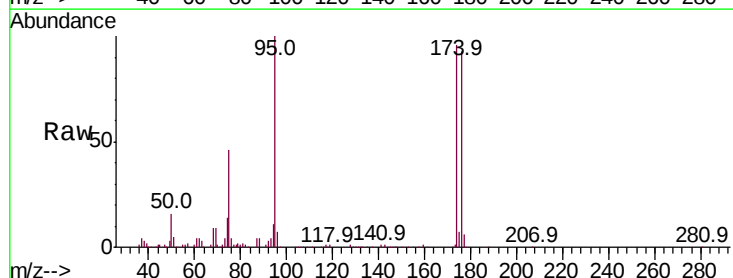
Tgt Ion: 95 Resp: 184972

Ion Ratio Lower Upper

95 100

174 96.9 0.0 180.6

176 94.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055601.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN055601.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN055601.D (-3290) (-)

12.40

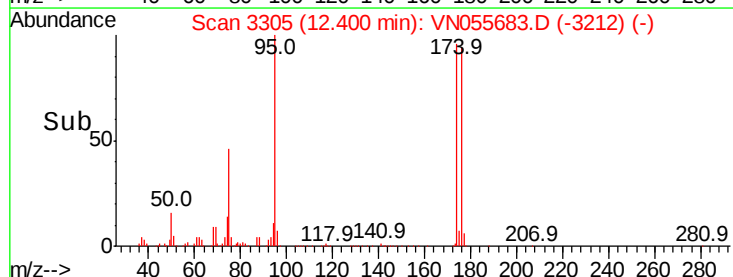
150000

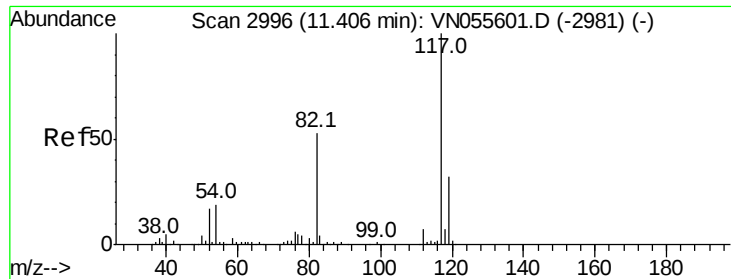
100000

50000

0

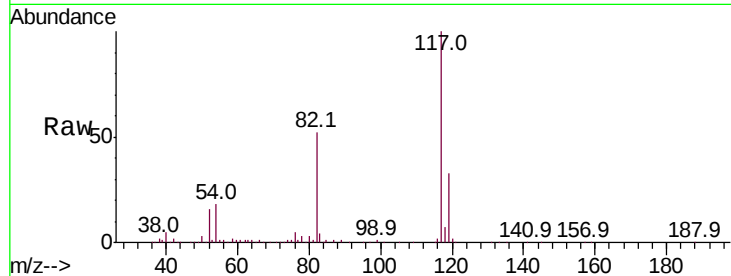
Time-->



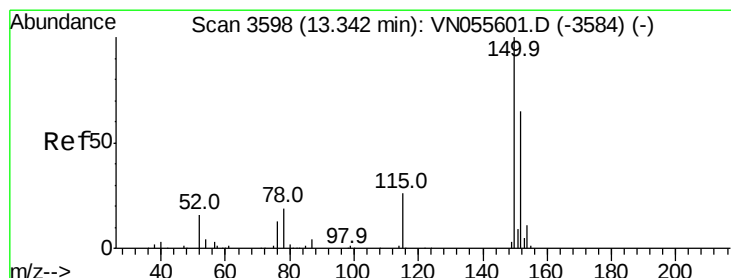
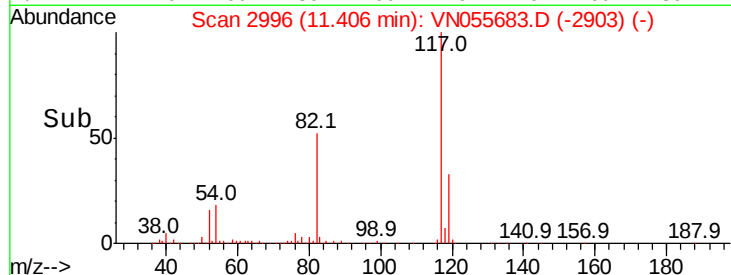
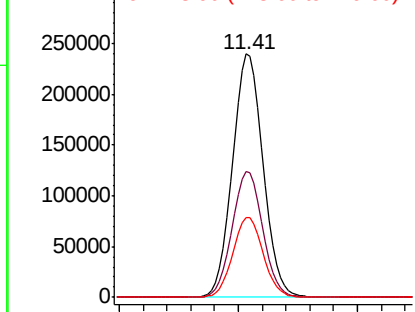


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055683.D
Acq: 20 May 2019 18:54

Tot Ion:117 Resp: 427171
Ion Ratio Lower Upper
117 100
82 51.8 42.3 63.5
119 32.8 25.4 38.2

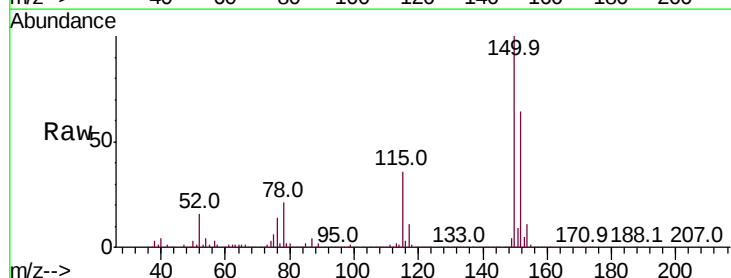


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055683.D
Acq: 20 May 2019 18:54

Tgt Ion:152 Resp: 176666
Ion Ratio Lower Upper
152 100
115 54.8 28.1 84.2
150 155.0 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

