

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055662.D
 Acq On : 20 May 2019 10:00
 Operator : JC/SP
 Sample : VN0520WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 20 11:01:40 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	424785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	606085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	514349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184676	50.00	ug/l	0.00

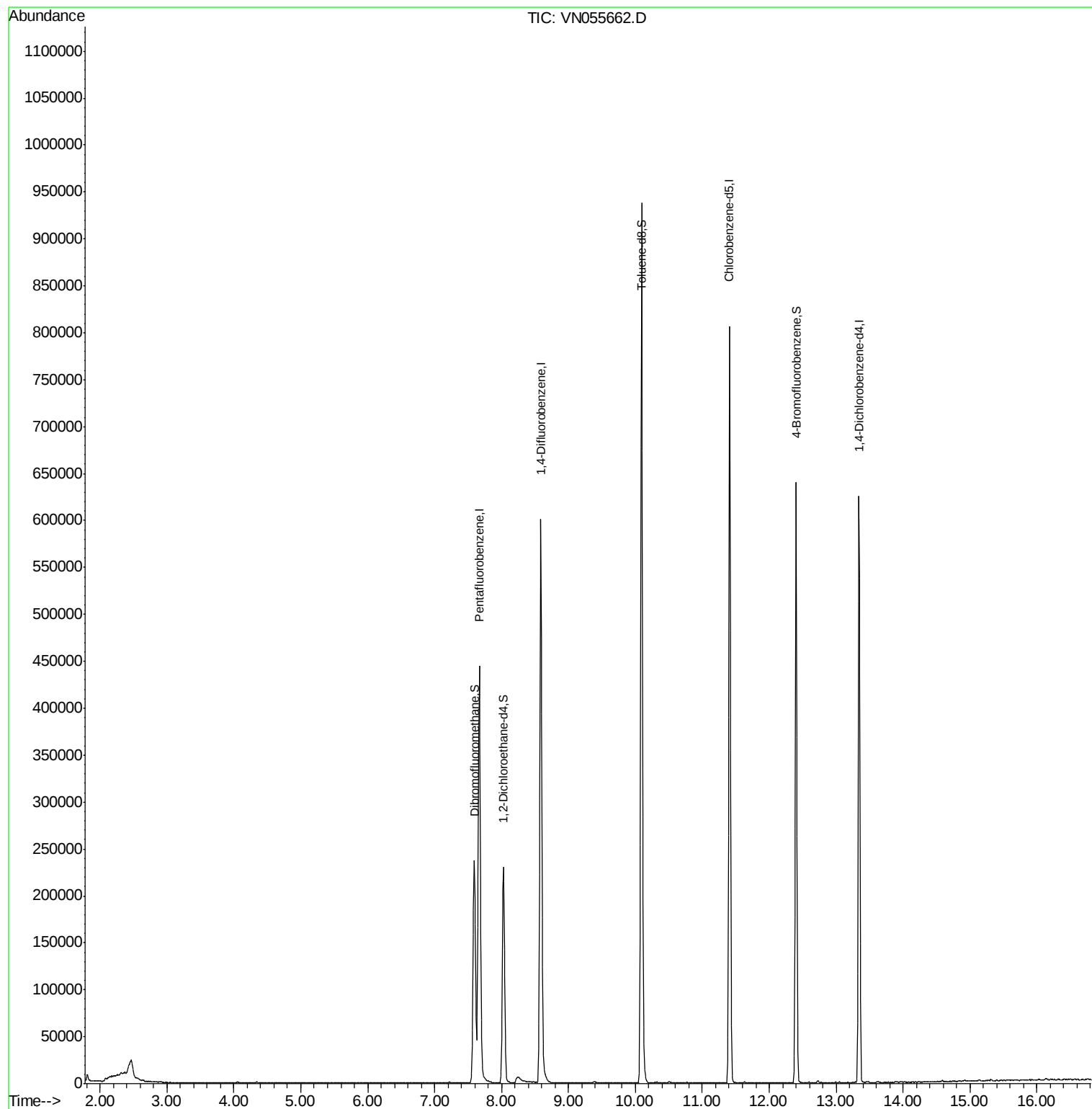
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	196216	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	
35) Dibromofluoromethane	7.59	113	186180	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.09	98	700028	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	12.40	95	219468	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	

Target Compounds	Qvalue

(#) = 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: VN055662.D

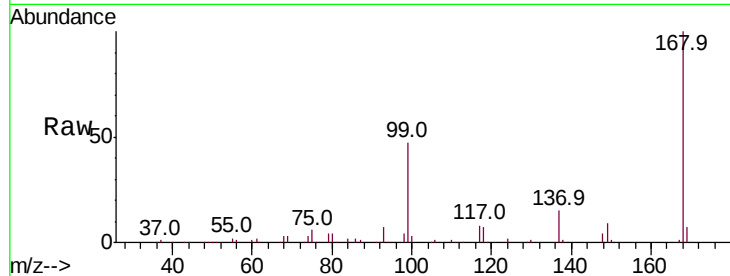
Acq: 20 May 2019 10:00

Tot Ion:168 Resp: 424785

Ion Ratio Lower Upper

168 100

99 46.9 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

150000

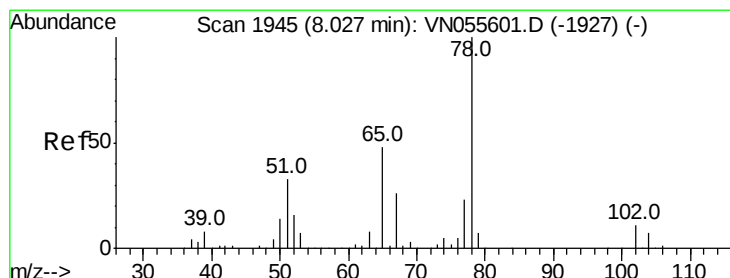
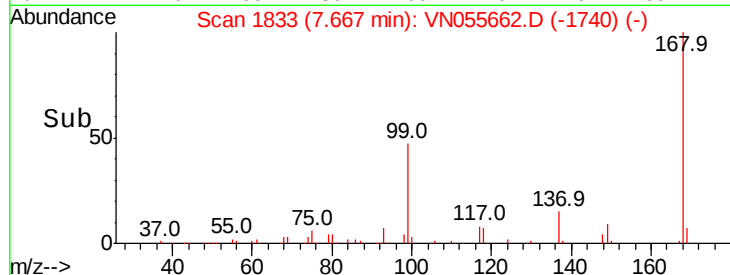
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.138 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055662.D

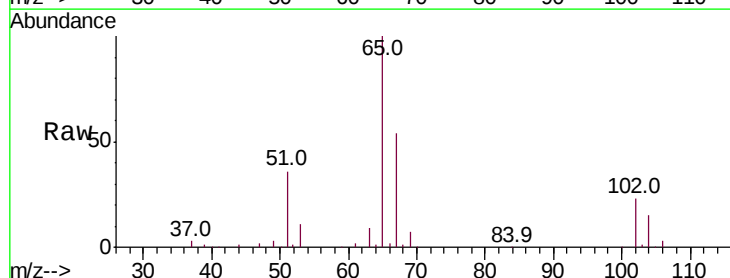
Acq: 20 May 2019 10:00

Tgt Ion: 65 Resp: 196216

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.6



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

Ion 66.90 (66.60 to 67.60): VN055601.D (-1927) (-)

8.03

80000

60000

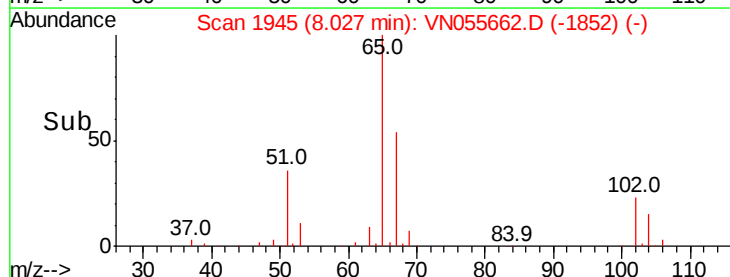
40000

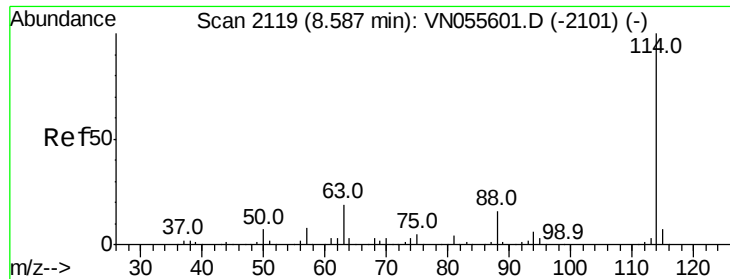
20000

0

7.90 8.00 8.10 8.20

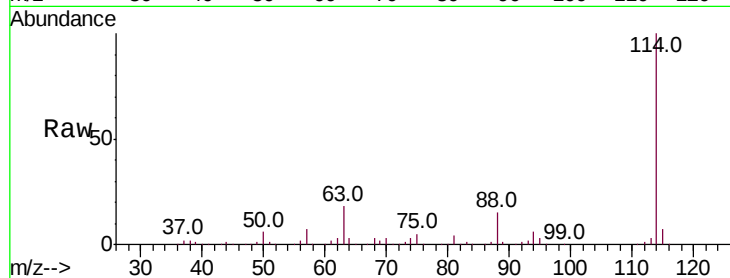
Time-->



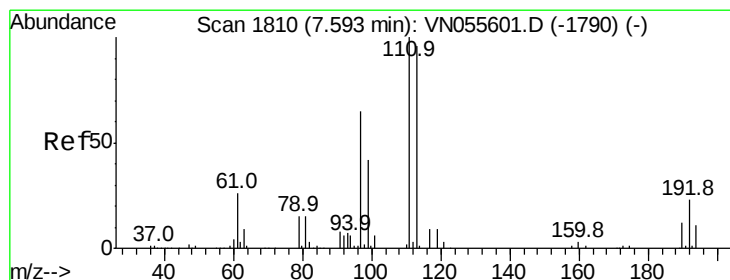
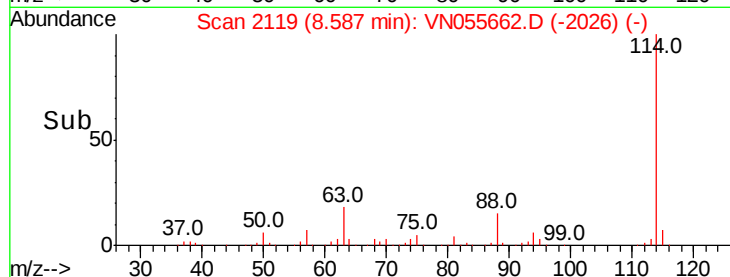
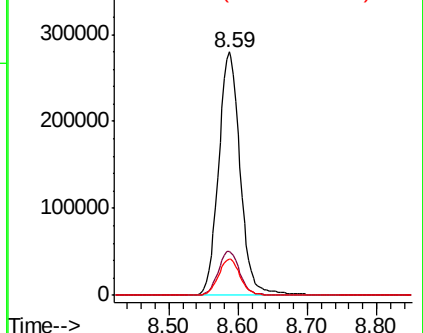


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055662.D
 Acq: 20 May 2019 10:00

Tot Ion:	114	Resp:	606085
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.2
88	15.1	0.0	31.0

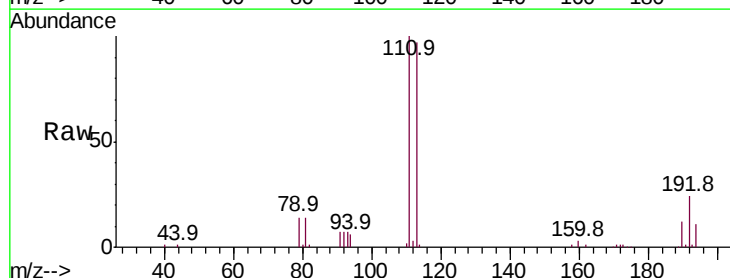


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

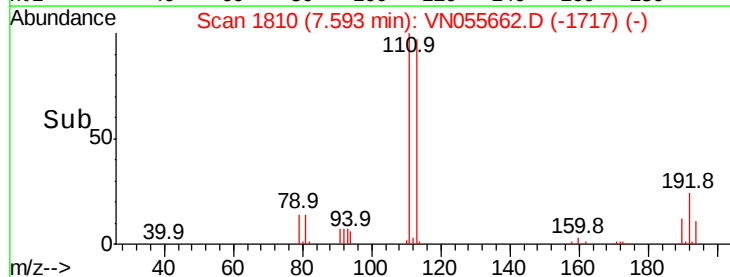
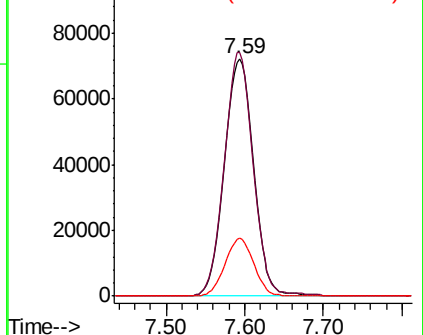


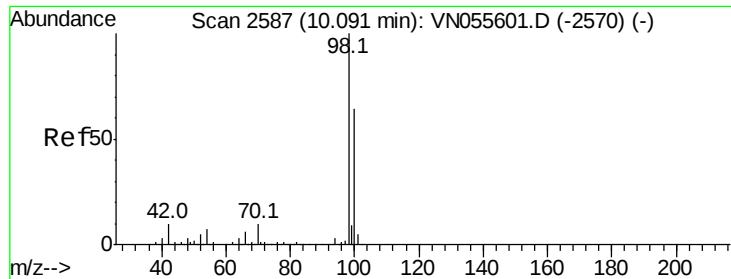
#35
 Dibromofluoromethane
 Concen: 48.357 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055662.D
 Acq: 20 May 2019 10:00

Tgt Ion:	113	Resp:	186180
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.5	123.7
192	23.8	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: 48.086 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055662.D

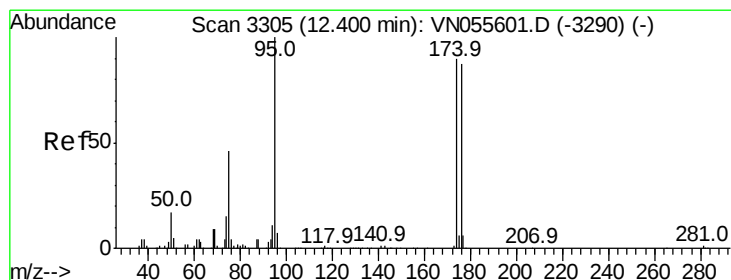
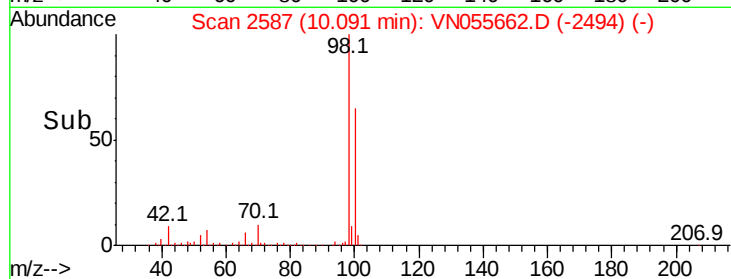
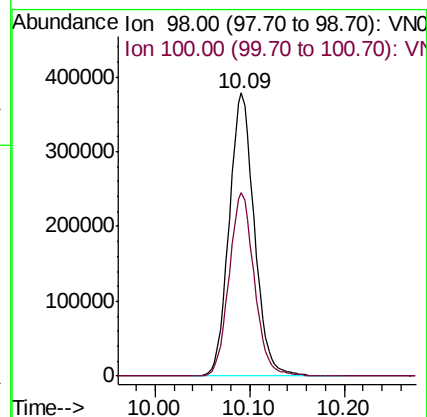
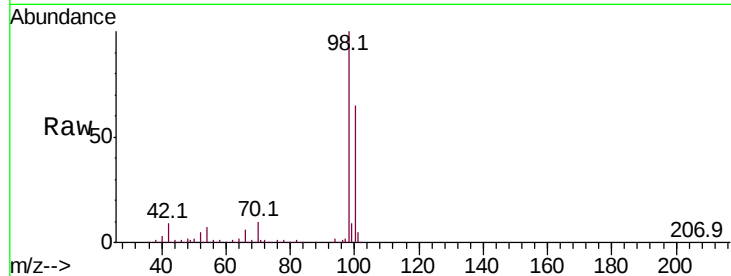
Acq: 20 May 2019 10:00

Tot Ion: 98 Resp: 700028

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.658 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055662.D

Acq: 20 May 2019 10:00

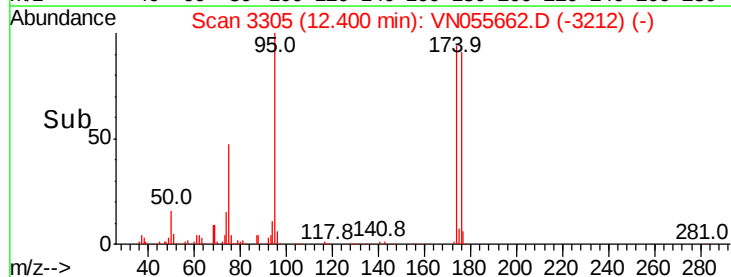
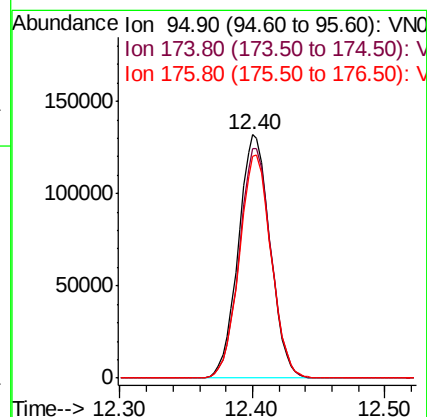
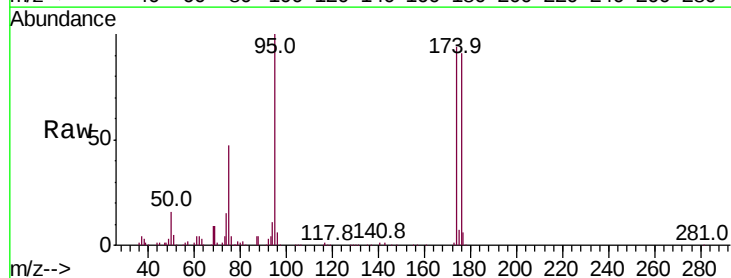
Tgt Ion: 95 Resp: 219468

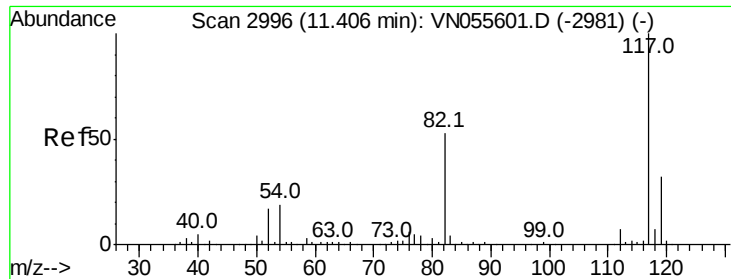
Ion Ratio Lower Upper

95 100

174 94.4 0.0 180.6

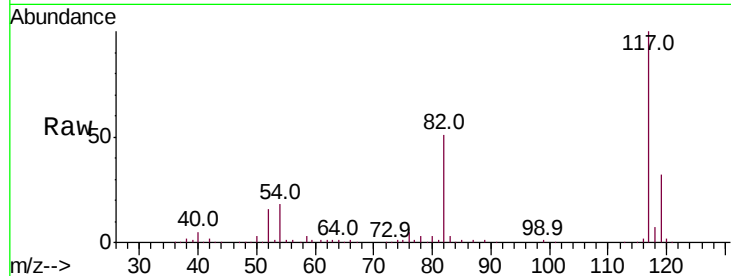
176 91.7 0.0 177.4



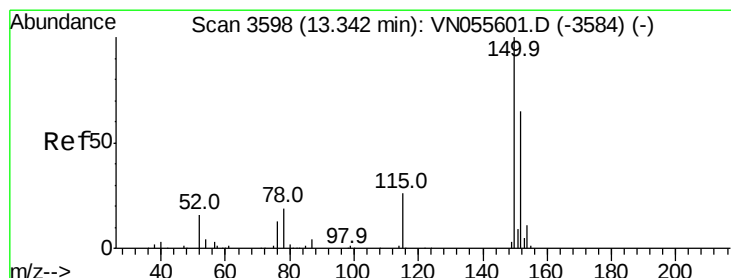
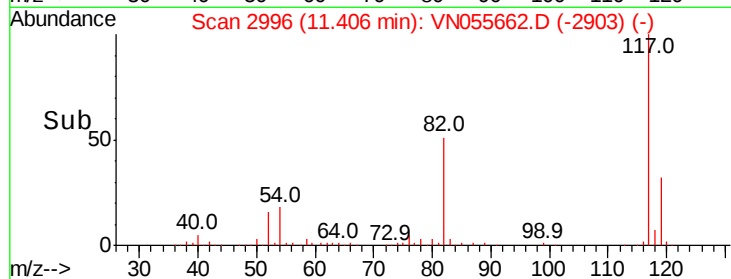
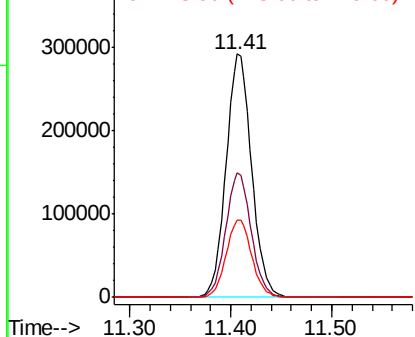


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055662.D
Acq: 20 May 2019 10:00

Tot Ion:117 Resp: 514349
Ion Ratio Lower Upper
117 100
82 51.1 42.3 63.5
119 31.9 25.4 38.2

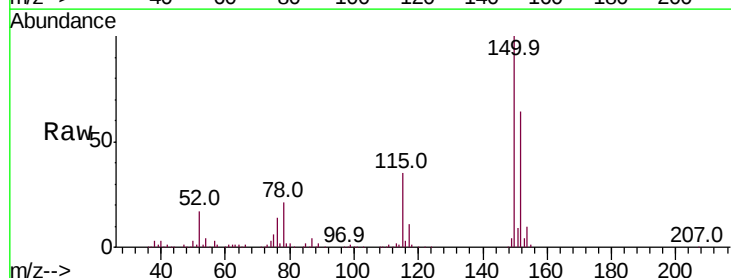


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055662.D
Acq: 20 May 2019 10:00

Tgt Ion:152 Resp: 184676
Ion Ratio Lower Upper
152 100
115 54.8 28.1 84.2
150 157.7 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

