

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055680.D
 Acq On : 20 May 2019 17:41
 Operator : JC/SP
 Sample : K2894-04
 Misc : 5.09µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 20 18:02:22 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	359073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	508205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	419498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176247	50.00	ug/l	0.00

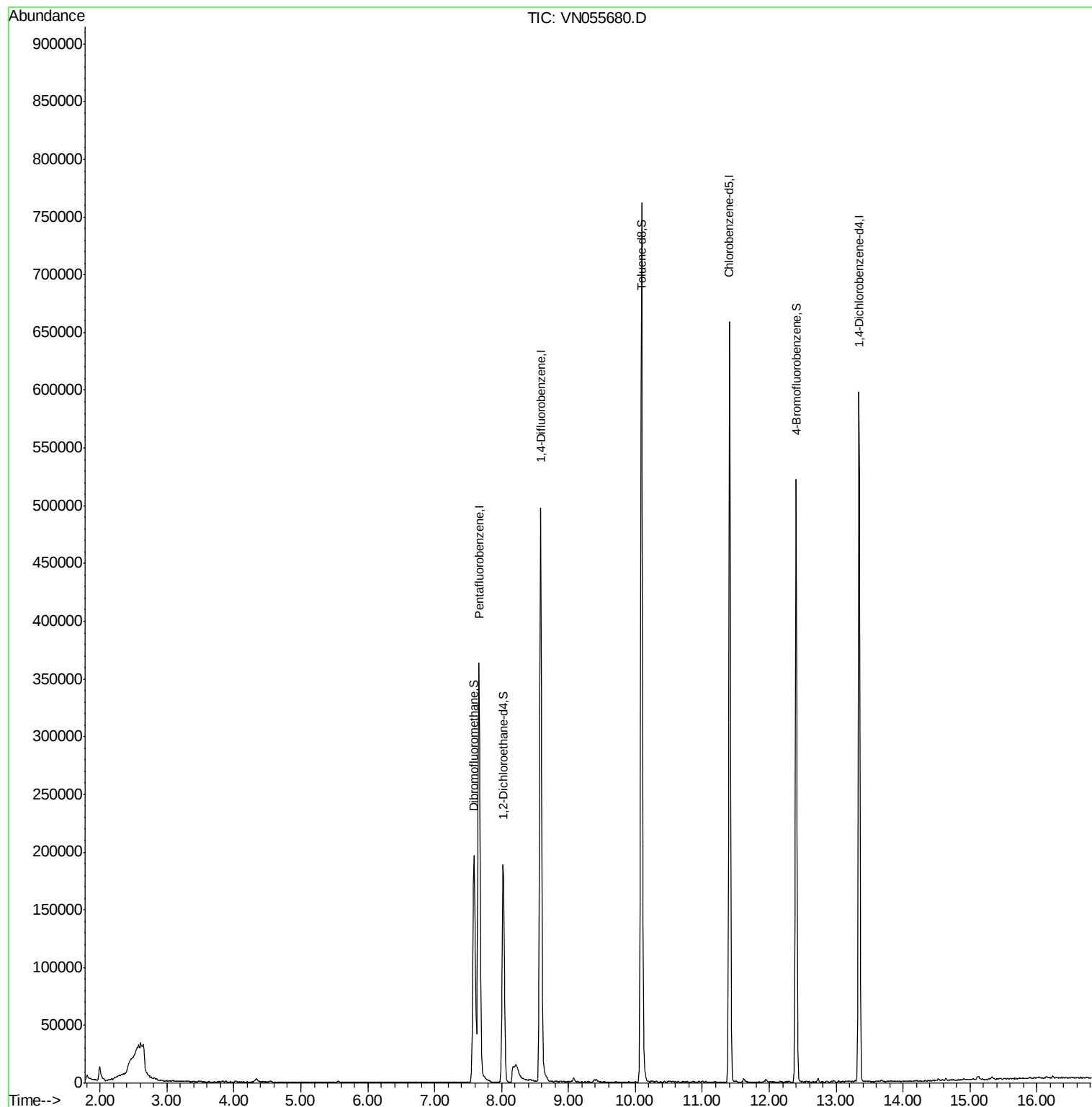
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	162016	41.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.32%	
35) Dibromofluoromethane	7.59	113	151553	46.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.88%	
50) Toluene-d8	10.09	98	577622	47.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.40	95	181377	43.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.06%	

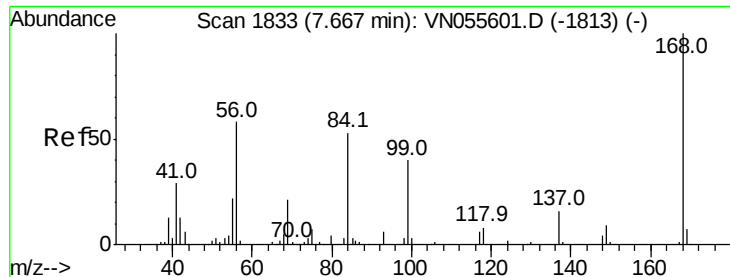
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055680.D

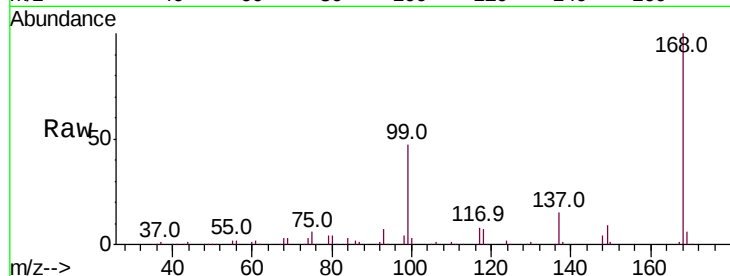
Acq: 20 May 2019 17:41

Tot Ion:168 Resp: 359073

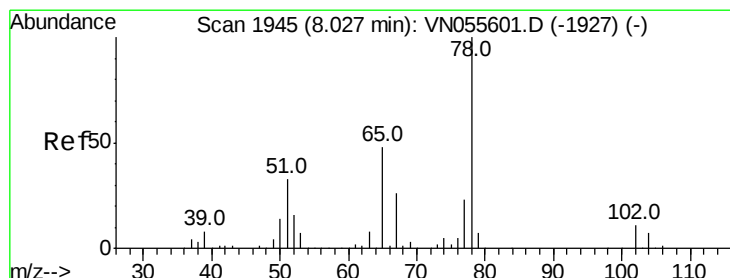
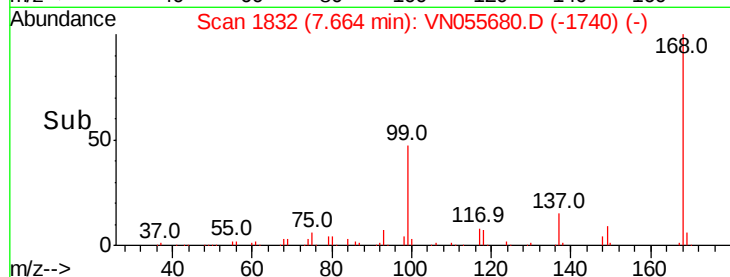
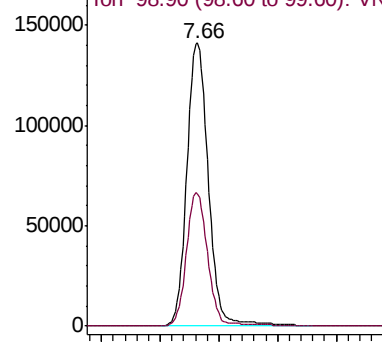
Ion Ratio Lower Upper

168 100

99 46.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055680.D (-1740) (-)



#33

1,2-Dichloroethane-d4

Concen: 41.161 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055680.D

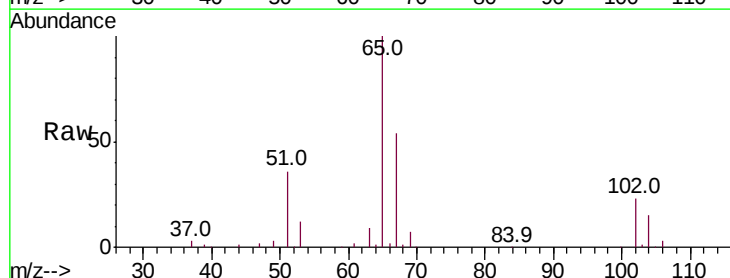
Acq: 20 May 2019 17:41

Tgt Ion: 65 Resp: 162016

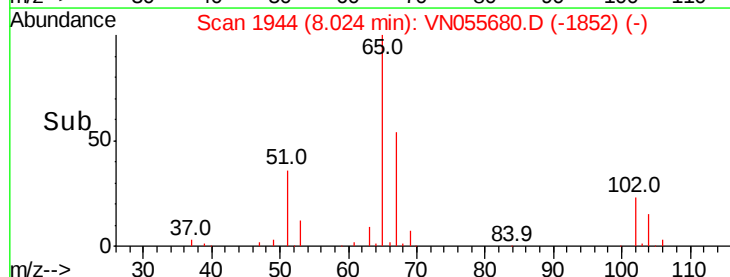
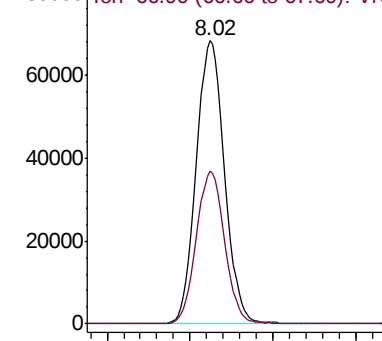
Ion Ratio Lower Upper

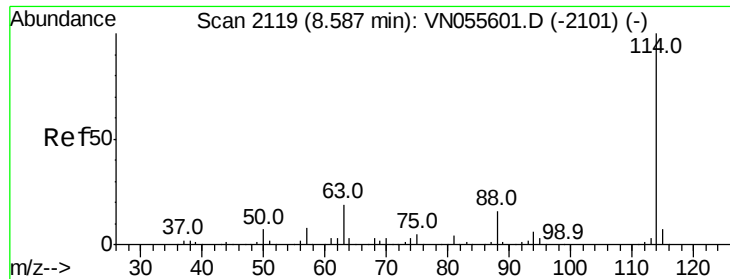
65 100

67 53.9 0.0 108.6



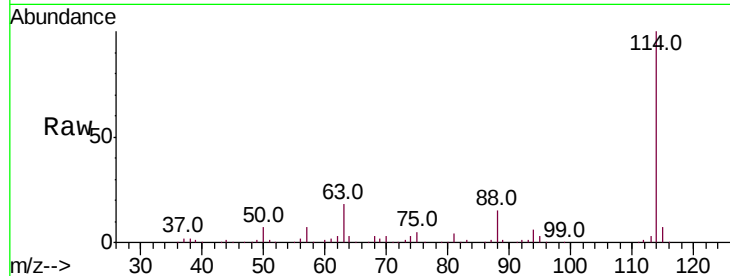
Abundance Ion 64.90 (64.60 to 65.60): VN055680.D (-1852) (-)



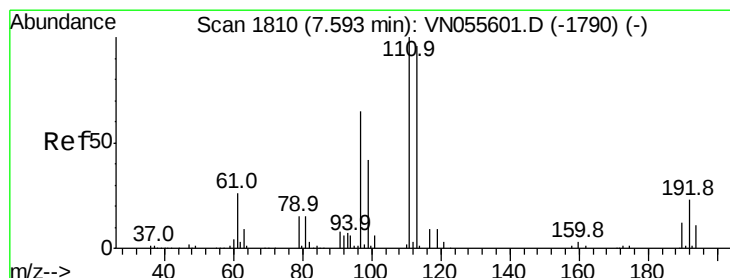
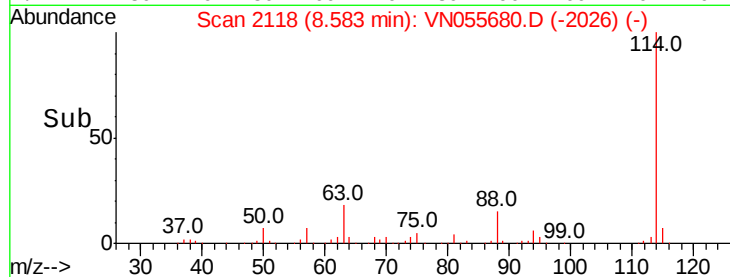
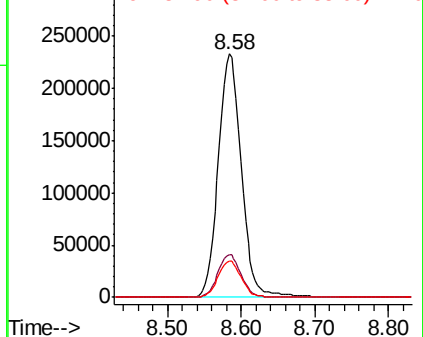


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055680.D
 Acq: 20 May 2019 17:41

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	38.2
88	14.9	0.0	31.0

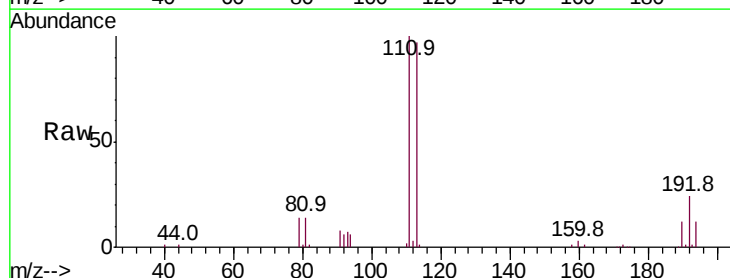


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

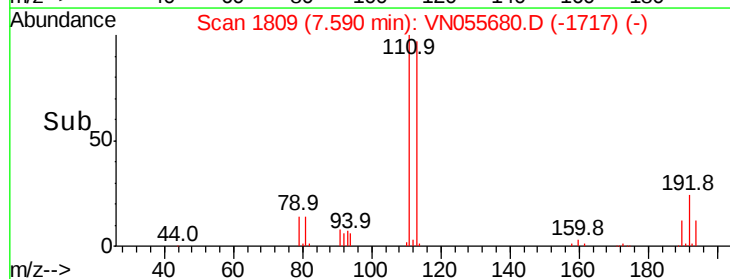
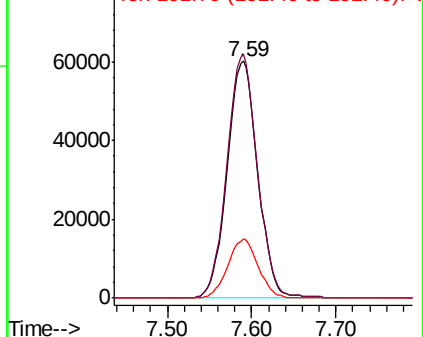


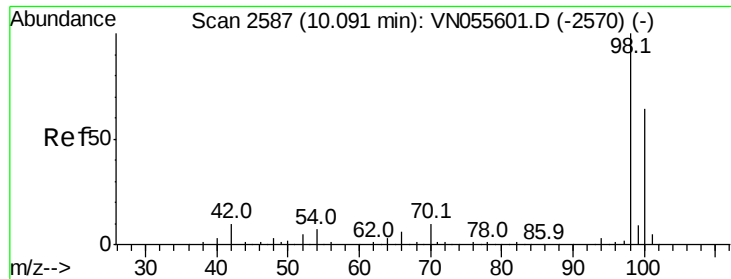
#35
 Dibromofluoromethane
 Concen: 46.944 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055680.D
 Acq: 20 May 2019 17:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.5	123.7
192	24.6	18.7	28.1



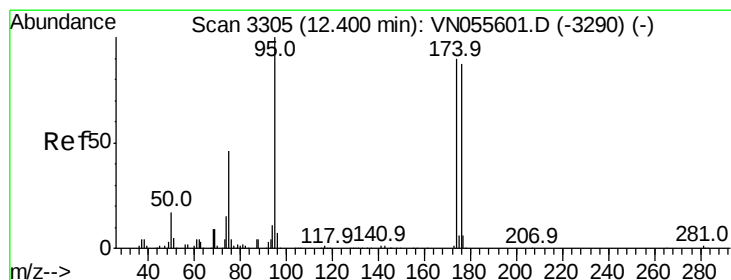
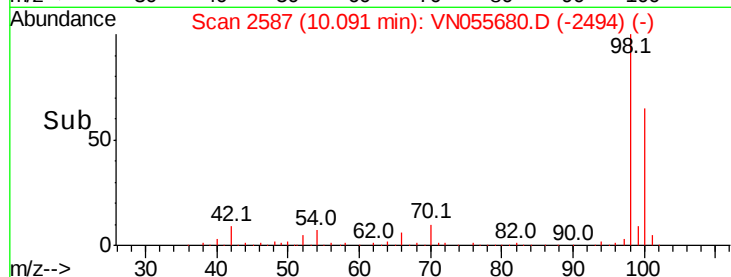
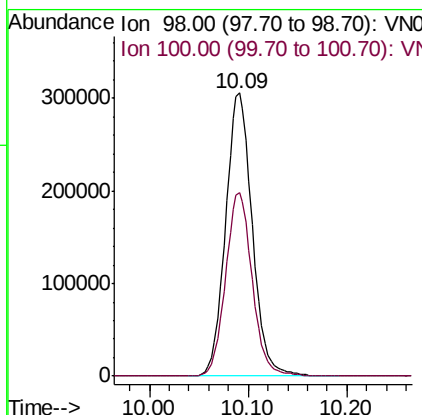
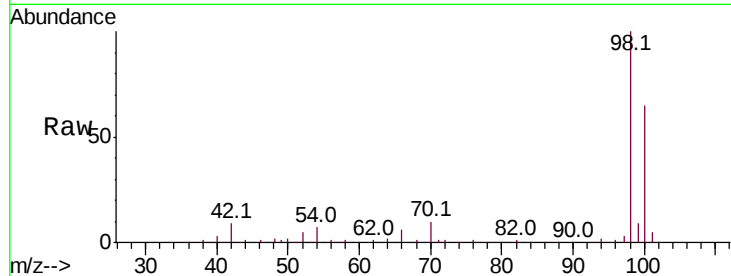
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





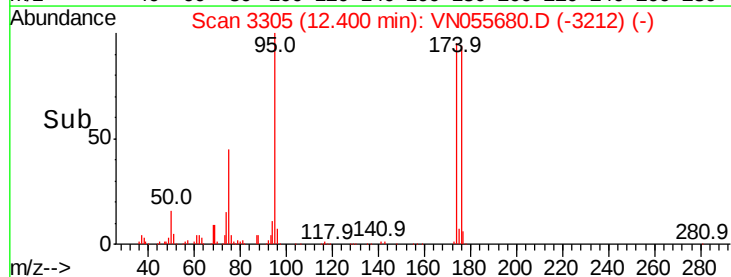
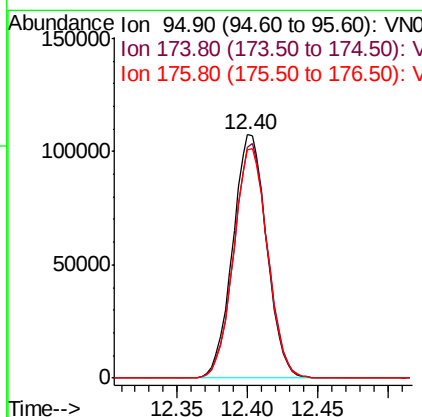
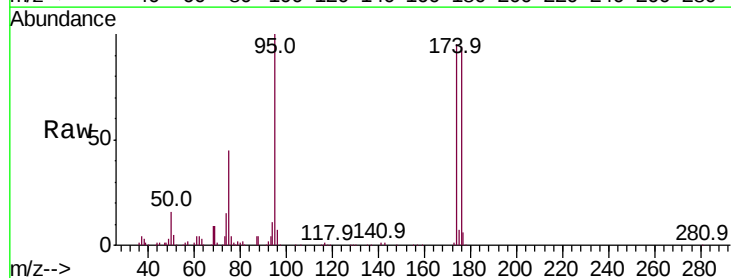
#50
Toluene-d8
Concen: 47.320 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055680.D
Acq: 20 May 2019 17:41

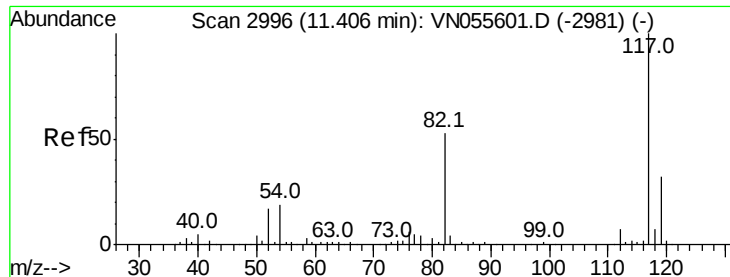
Tot Ion: 98 Resp: 577622
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.029 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055680.D
Acq: 20 May 2019 17:41

Tgt Ion: 95 Resp: 181377
Ion Ratio Lower Upper
95 100
174 95.6 0.0 180.6
176 94.1 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: VN055680.D

Acq: 20 May 2019 17:41

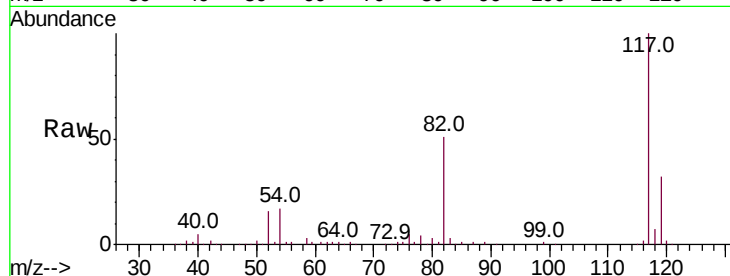
Tot Ion:117 Resp: 419498

Ion Ratio Lower Upper

117 100

82 51.2 42.3 63.5

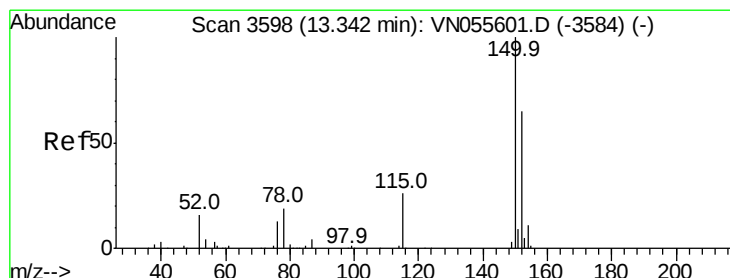
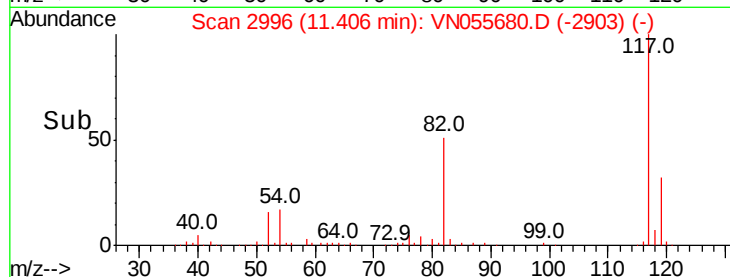
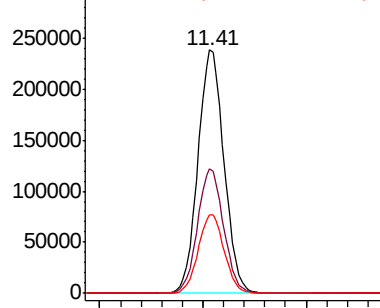
119 32.4 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN055680.D

Acq: 20 May 2019 17:41

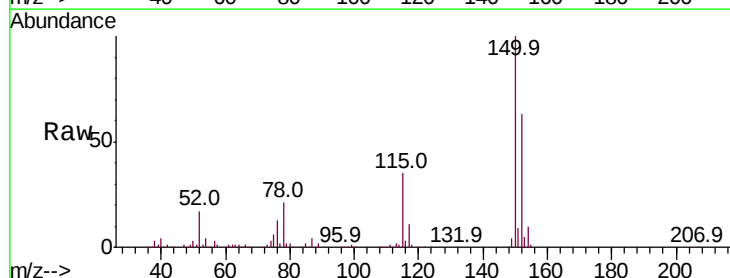
Tgt Ion:152 Resp: 176247

Ion Ratio Lower Upper

152 100

115 54.6 28.1 84.2

150 157.9 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

