

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055691.D
 Acq On : 21 May 2019 00:20
 Operator : JC/SP
 Sample : K2953-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 21 05:39:25 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	457200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	611866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180996	50.00	ug/l	0.00

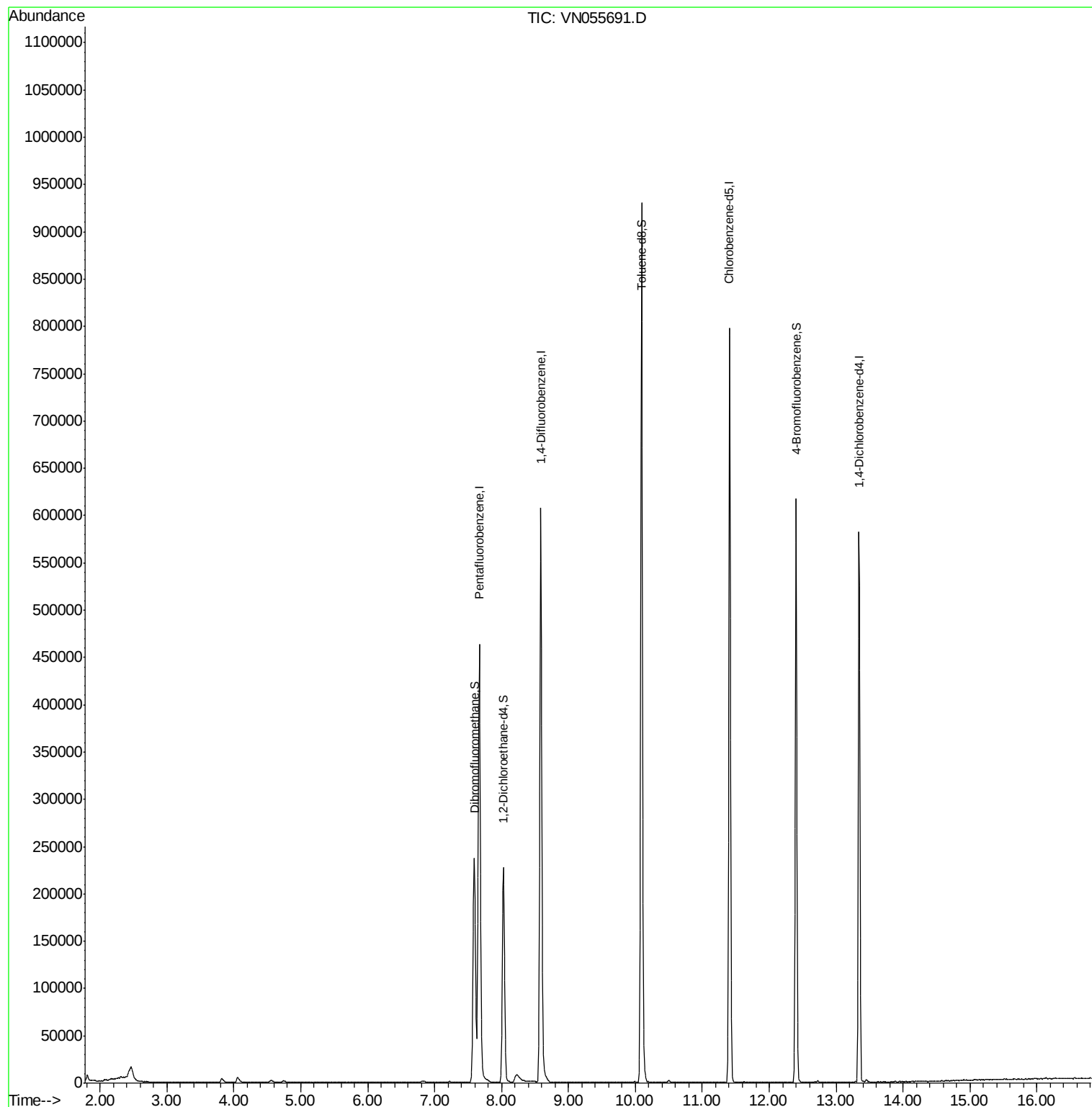
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191093	38.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.26%	
35) Dibromofluoromethane	7.59	113	185161	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	10.09	98	699502	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.40	95	213106	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	

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: VN055691.D

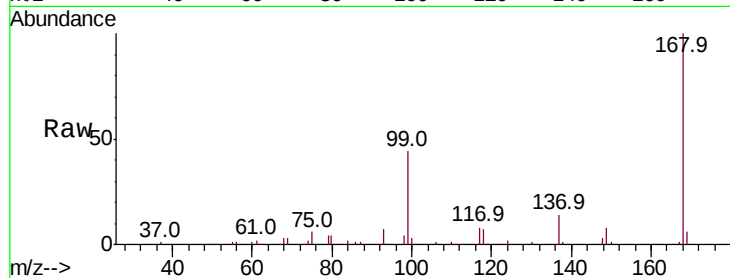
Acq: 21 May 2019 00:20

Tot Ion:168 Resp: 457200

Ion Ratio Lower Upper

168 100

99 43.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055691.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055691.D (-1813) (-)

7.67

200000

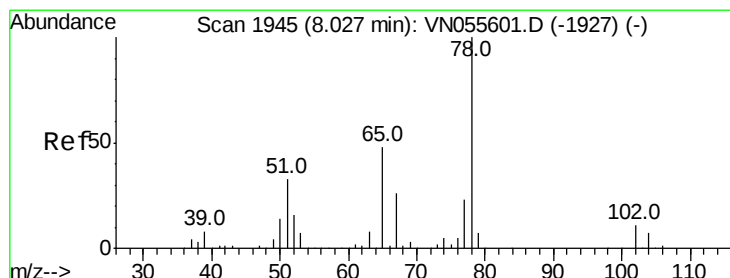
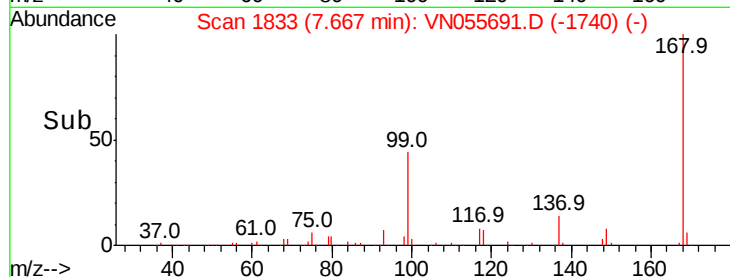
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 38.128 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055691.D

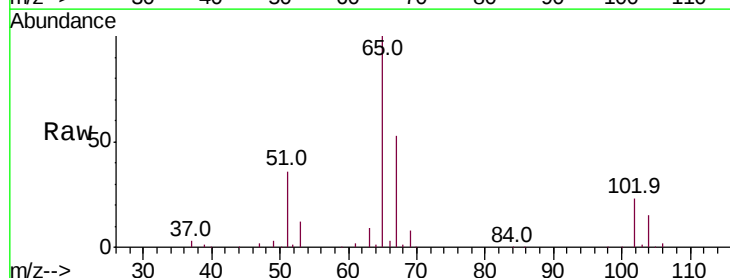
Acq: 21 May 2019 00:20

Tgt Ion: 65 Resp: 191093

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055691.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055691.D (-1852) (-)

8.03

80000

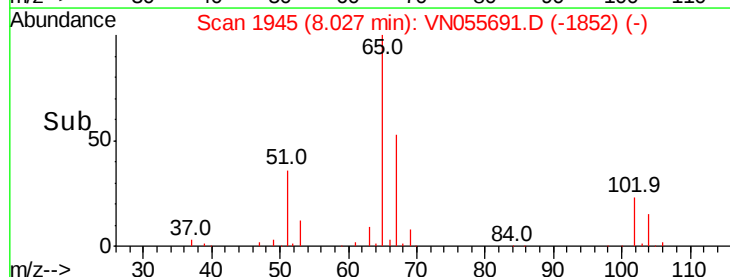
60000

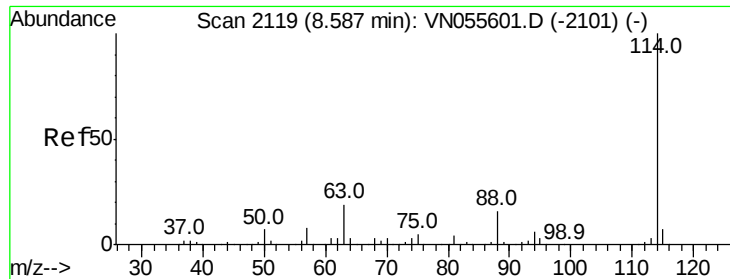
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055691.D

Acq: 21 May 2019 00:20

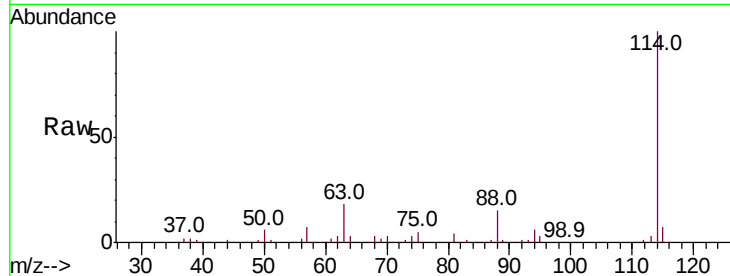
Tot Ion:114 Resp: 611866

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.2

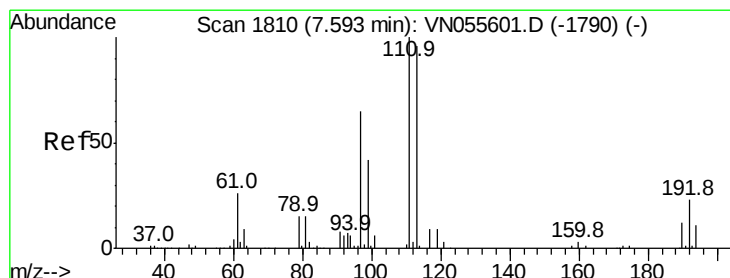
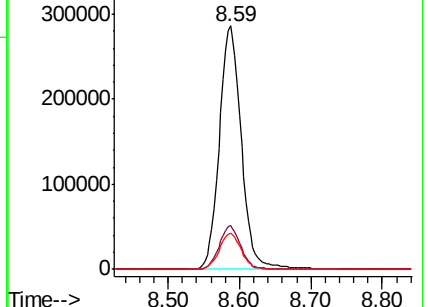
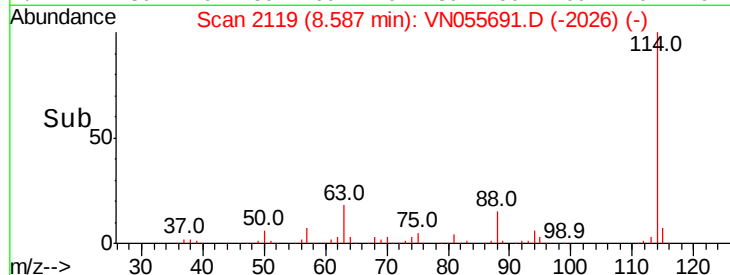
88 14.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.638 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055691.D

Acq: 21 May 2019 00:20

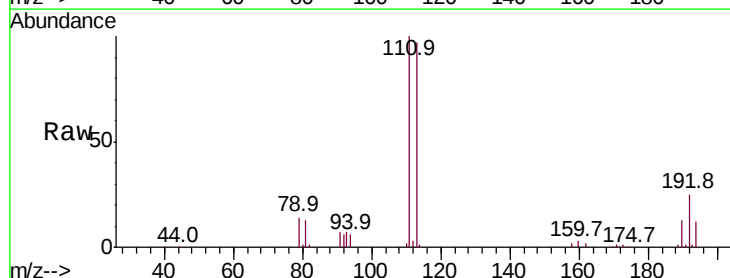
Tgt Ion:113 Resp: 185161

Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

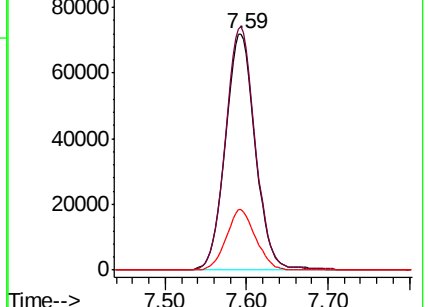
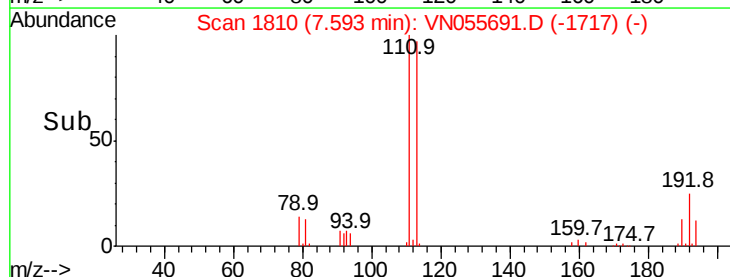
192 25.1 18.7 28.1

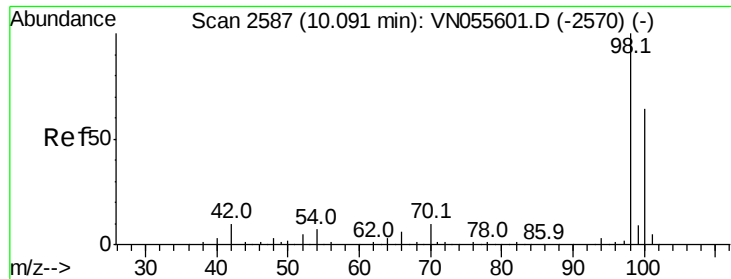


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

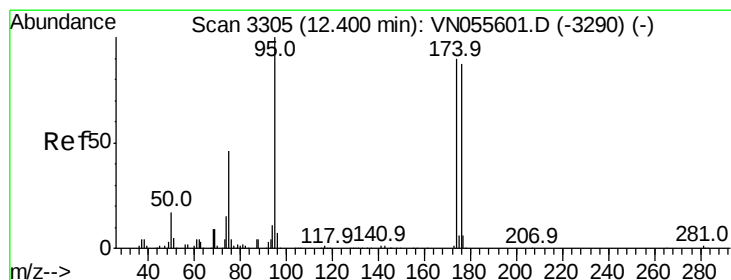
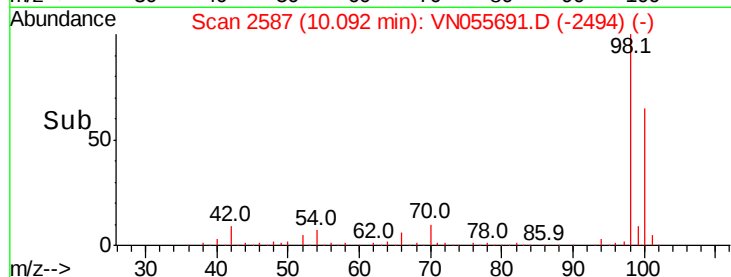
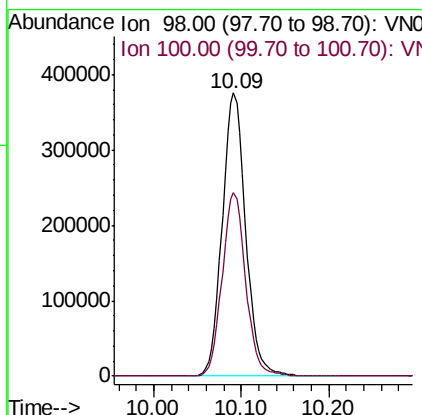
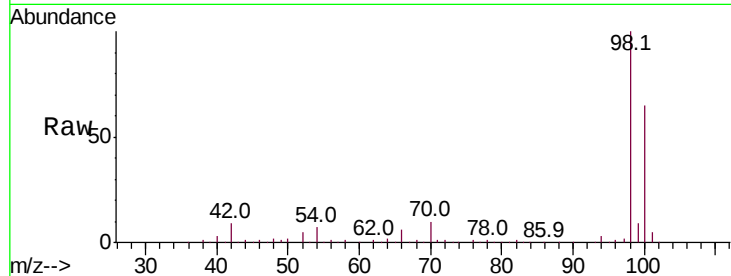
Ion 191.70 (191.40 to 192.40): V





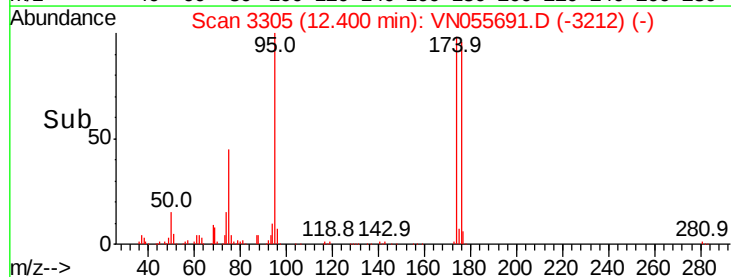
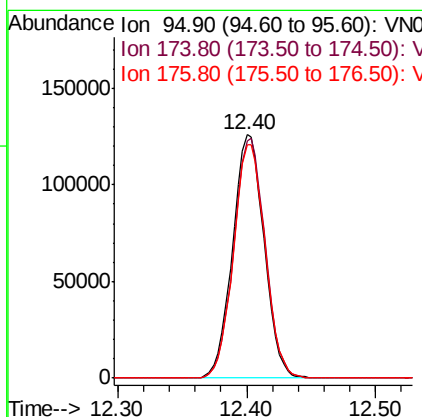
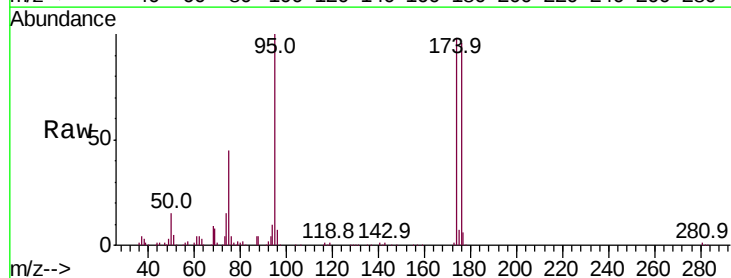
#50
Toluene-d8
Concen: 47.596 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055691.D
Acq: 21 May 2019 00:20

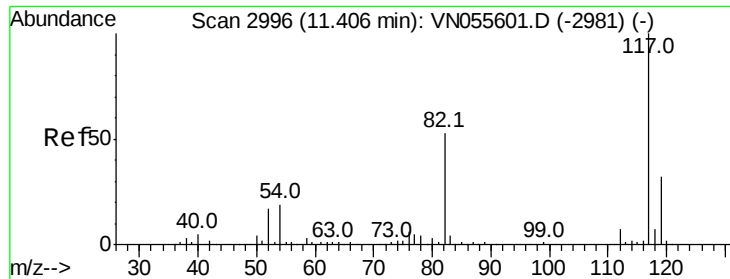
Tot Ion: 98 Resp: 699502
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.991 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055691.D
Acq: 21 May 2019 00:20

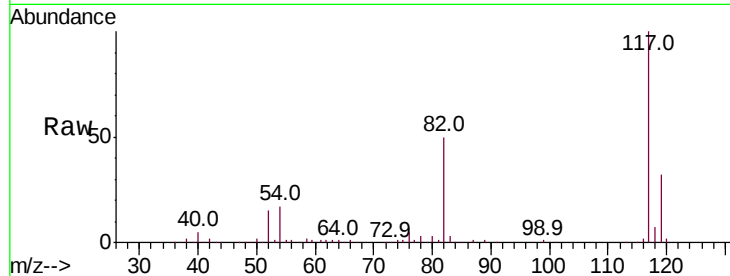
Tgt Ion: 95 Resp: 213106
Ion Ratio Lower Upper
95 100
174 98.4 0.0 180.6
176 96.5 0.0 177.4



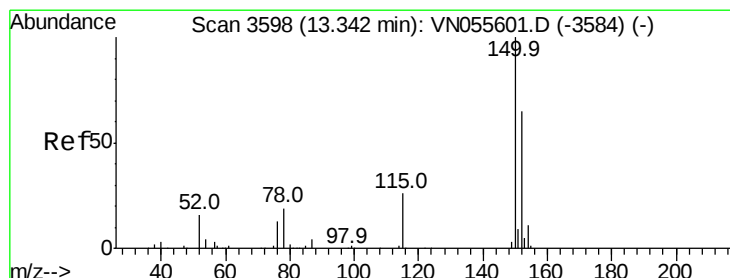
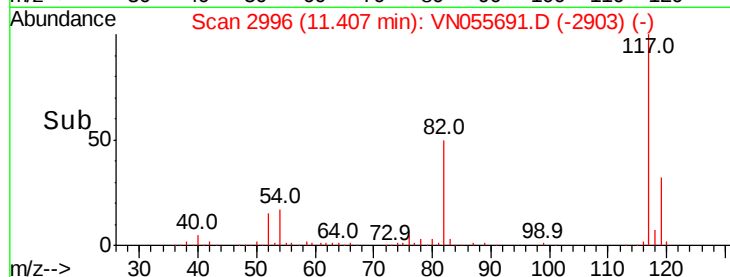
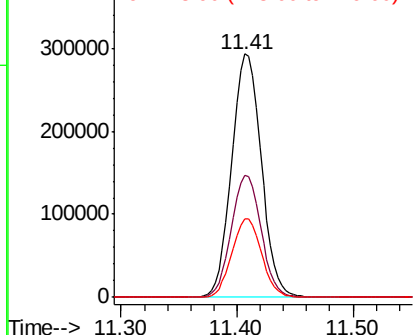


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055691.D
Acq: 21 May 2019 00:20

Tot Ion:117 Resp: 518842
Ion Ratio Lower Upper
117 100
82 50.1 42.3 63.5
119 32.2 25.4 38.2

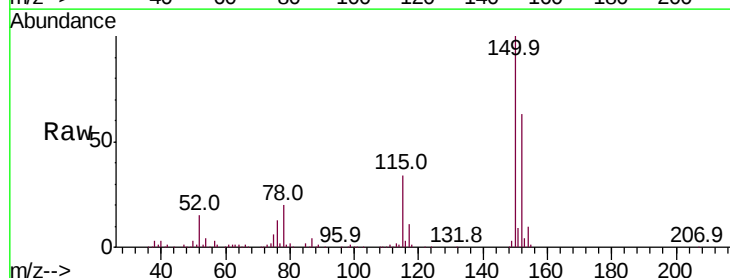


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055691.D
Acq: 21 May 2019 00:20

Tgt Ion:152 Resp: 180996
Ion Ratio Lower Upper
152 100
115 52.0 28.1 84.2
150 156.8 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

