

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052019\
 Data File : VN055661.D
 Acq On : 20 May 2019 9:35
 Operator : JC/SP
 Sample : VN0520MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 20 11:00:04 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	398148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	560640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	460963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157737	50.00	ug/l	0.00

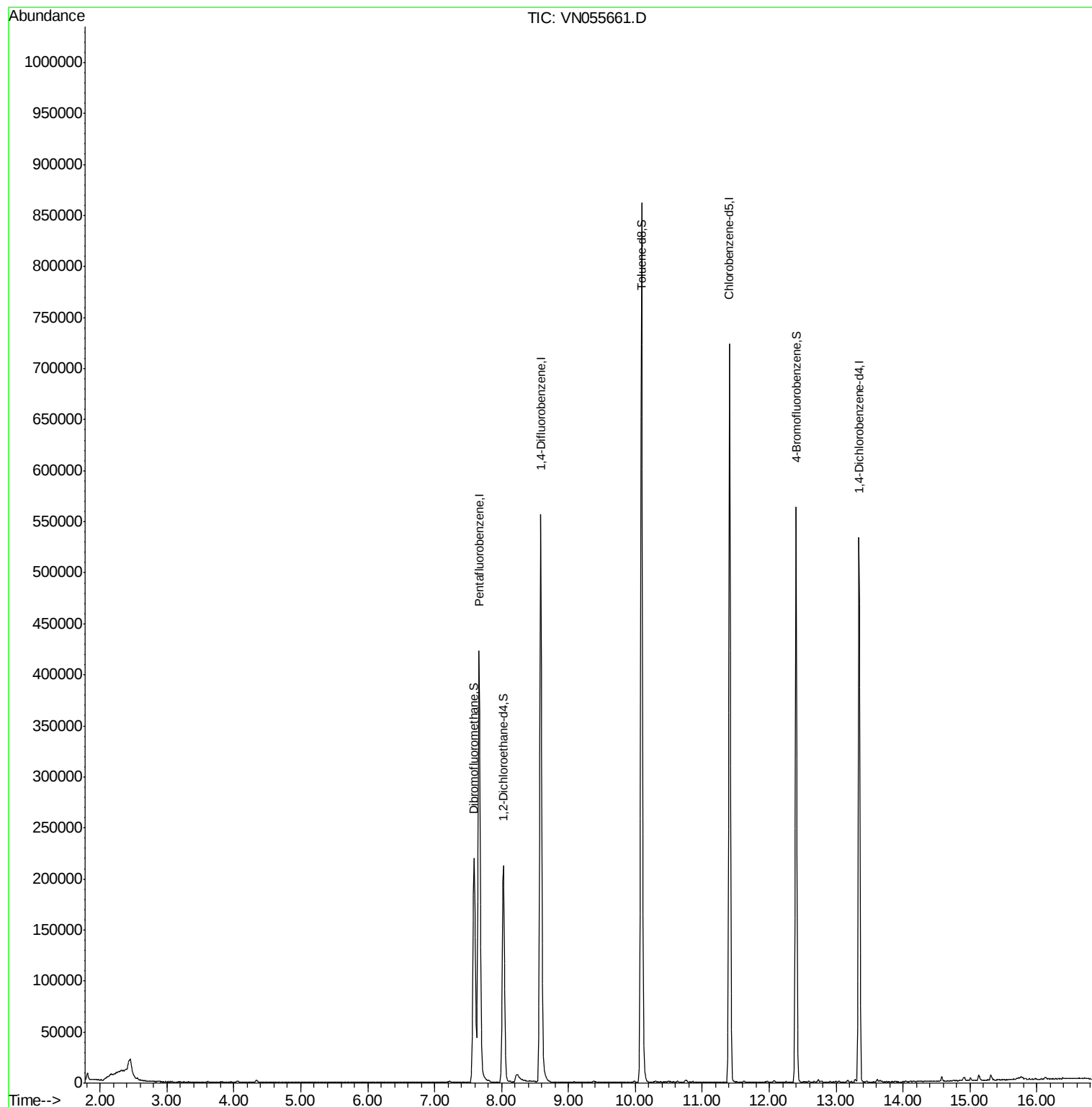
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	181585	41.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.20%	
35) Dibromofluoromethane	7.59	113	172897	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.09	98	647166	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	12.40	95	195162	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	

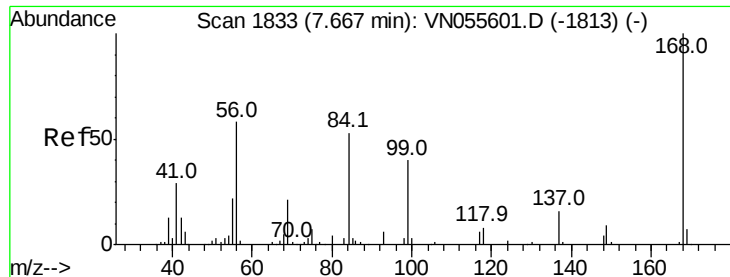
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055661.D

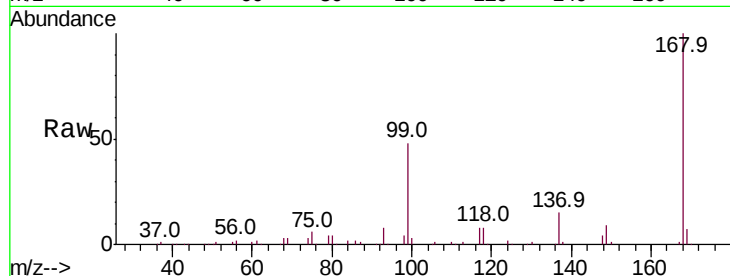
Acq: 20 May 2019 9:35

Tot Ion:168 Resp: 398148

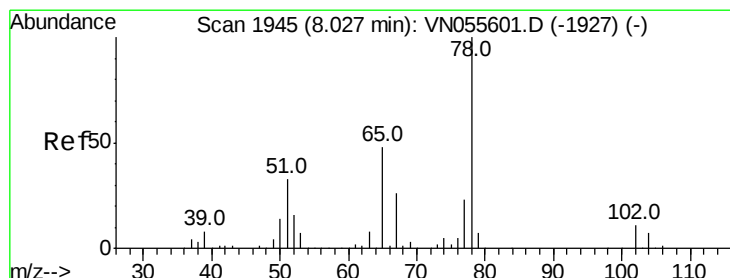
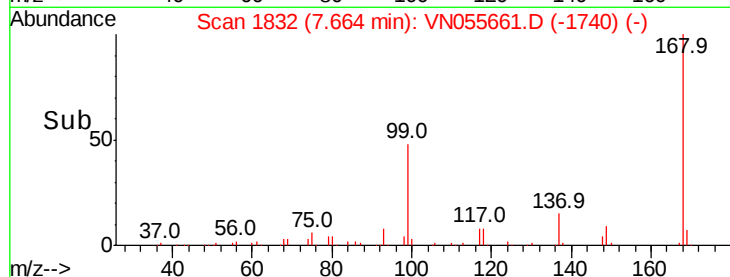
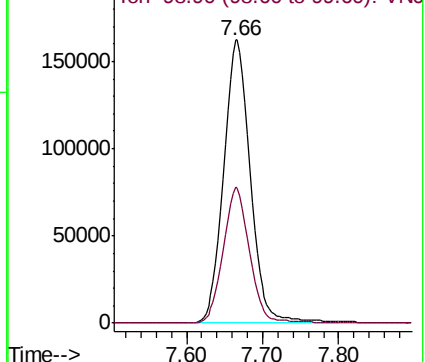
Ion Ratio Lower Upper

168 100

99 48.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055661.D (-1813) (-)



#33

1,2-Dichloroethane-d4

Concen: 41.605 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055661.D

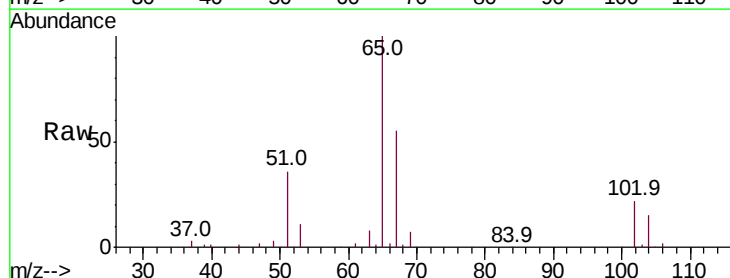
Acq: 20 May 2019 9:35

Tgt Ion: 65 Resp: 181585

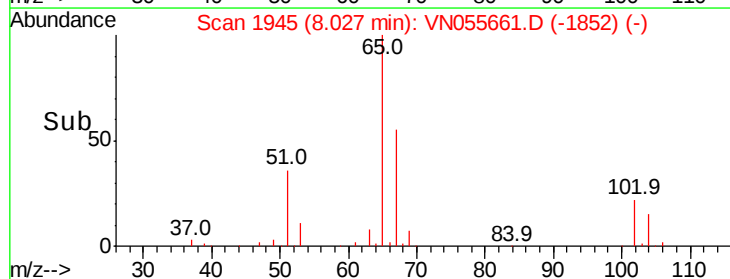
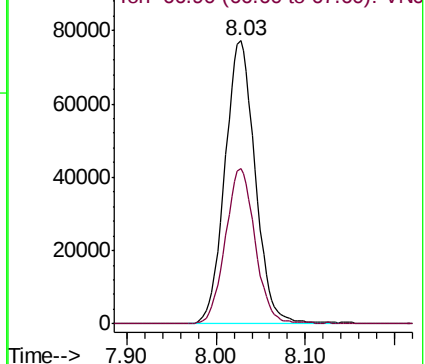
Ion Ratio Lower Upper

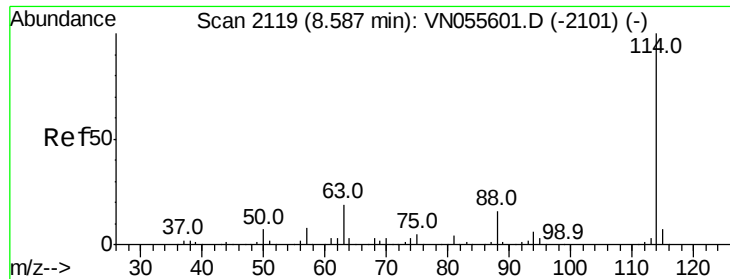
65 100

67 54.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055661.D (-1927) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055661.D

Acq: 20 May 2019 9:35

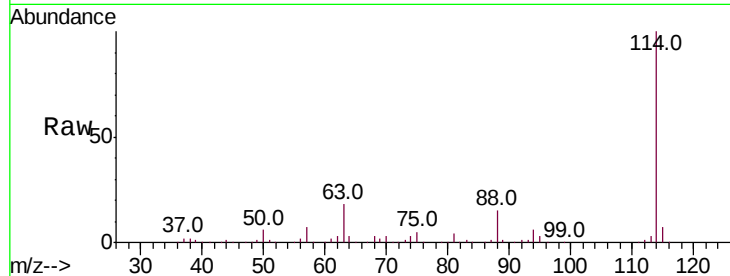
Tot Ion:114 Resp: 560640

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.2

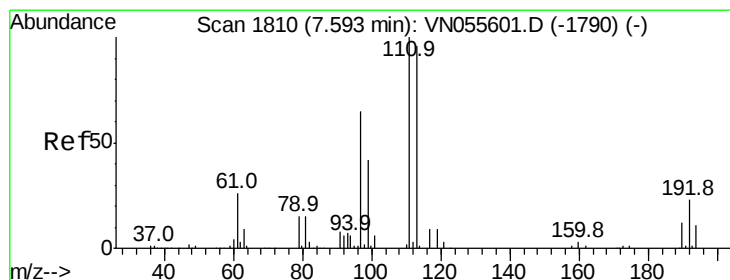
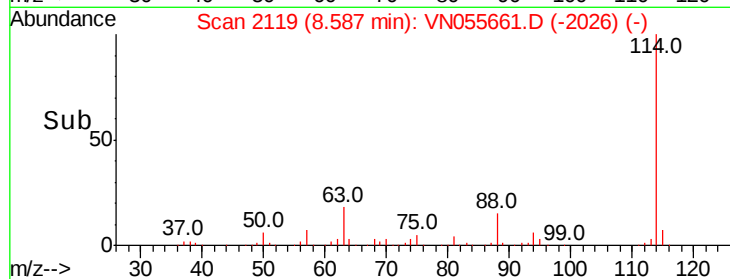
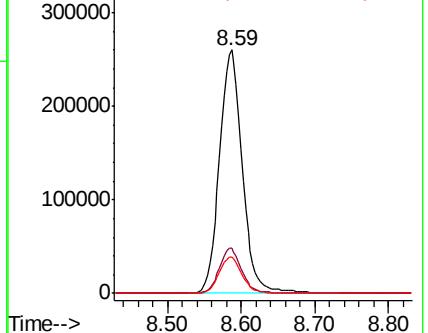
88 15.0 0.0 31.0



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: 48.547 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055661.D

Acq: 20 May 2019 9:35

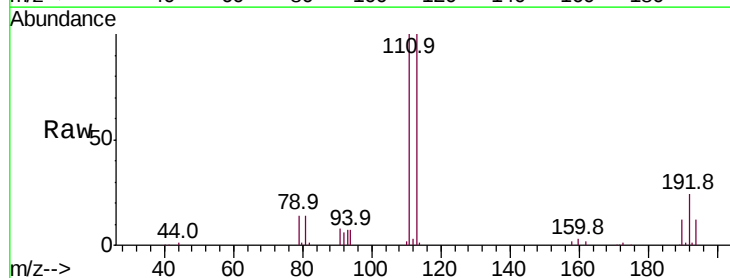
Tgt Ion:113 Resp: 172897

Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

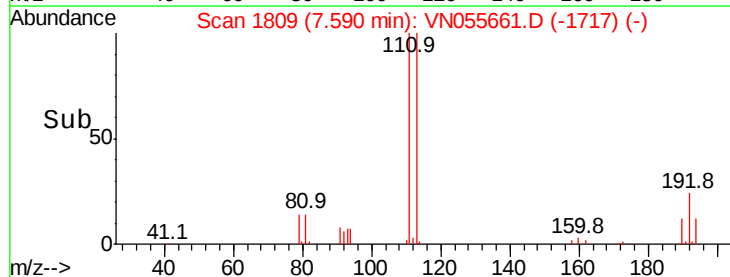
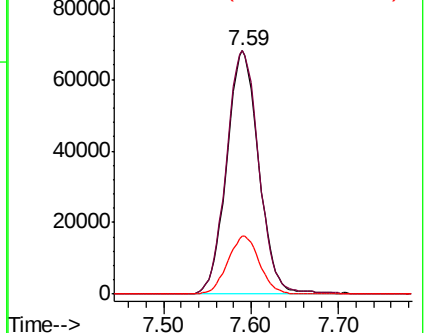
192 23.7 18.7 28.1

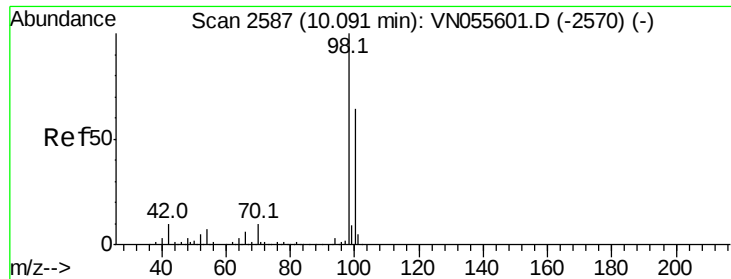


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

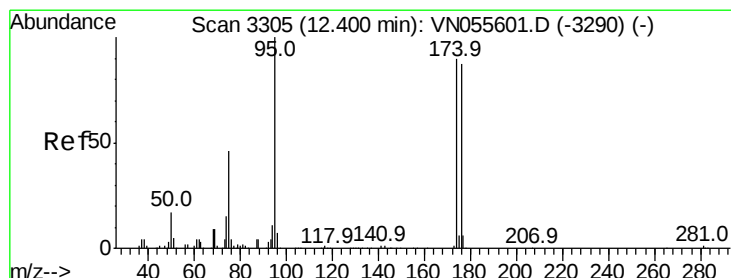
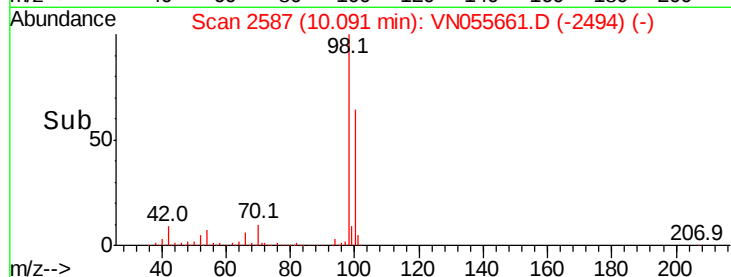
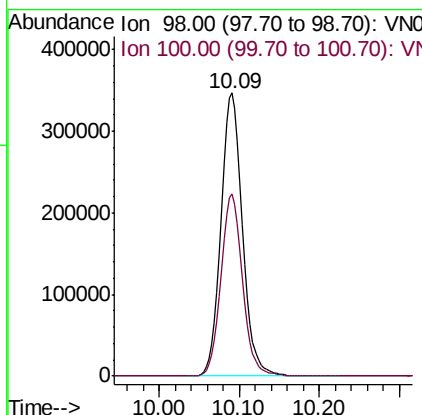
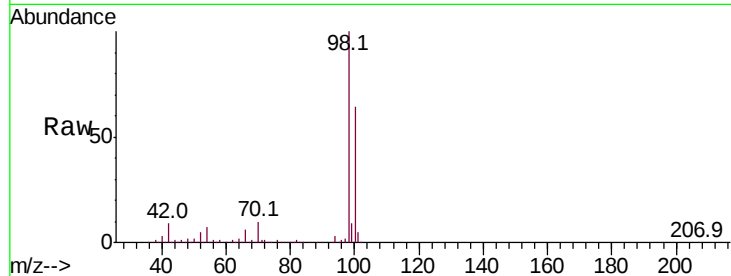
Ion 191.70 (191.40 to 192.40): V





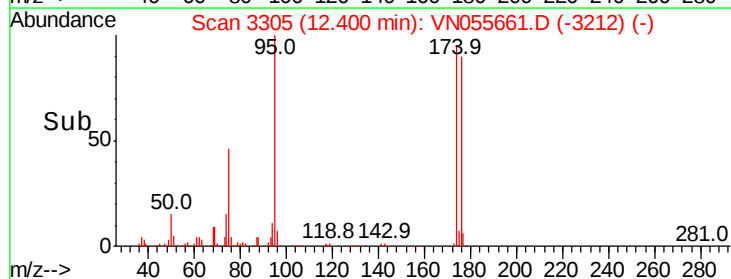
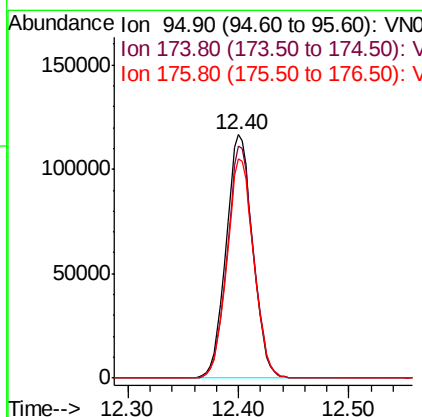
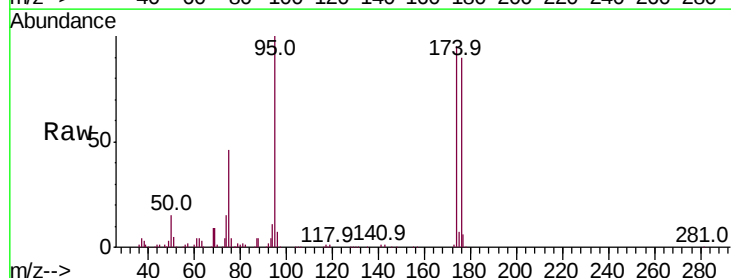
#50
Toluene-d8
Concen: 48.058 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055661.D
Acq: 20 May 2019 9:35

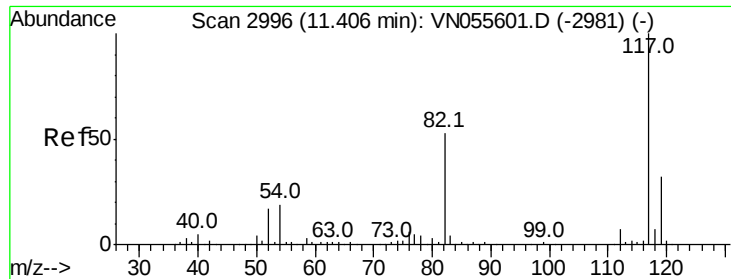
Tot Ion: 98 Resp: 647166
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.969 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055661.D
Acq: 20 May 2019 9:35

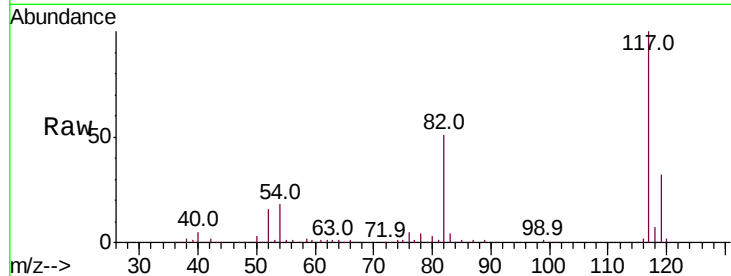
Tgt Ion: 95 Resp: 195162
Ion Ratio Lower Upper
95 100
174 94.0 0.0 180.6
176 90.4 0.0 177.4



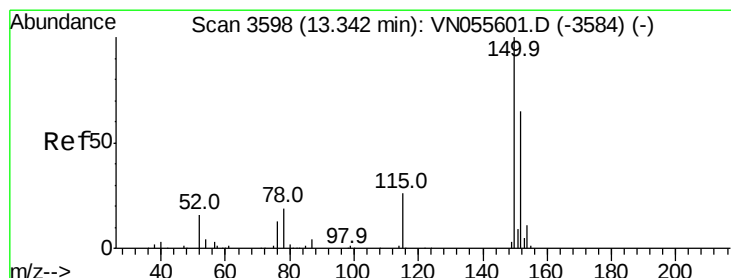
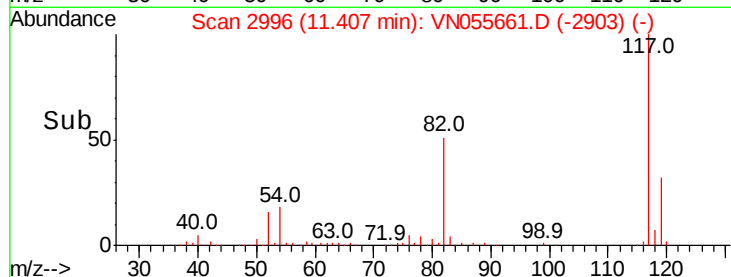
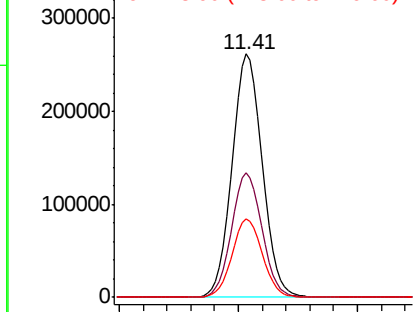


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055661.D
Acq: 20 May 2019 9:35

Tot Ion:117 Resp: 460963
Ion Ratio Lower Upper
117 100
82 51.0 42.3 63.5
119 32.2 25.4 38.2

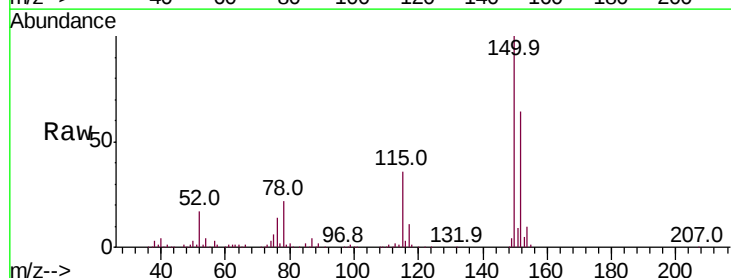


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055661.D
Acq: 20 May 2019 9:35

Tgt Ion:152 Resp: 157737
Ion Ratio Lower Upper
152 100
115 55.7 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

