

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055685.D
 Acq On : 20 May 2019 19:42
 Operator : JC/SP
 Sample : K2866-04
 Misc : 6.28g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 21 05:25:48 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	407841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	570681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193636	50.00	ug/l	0.00

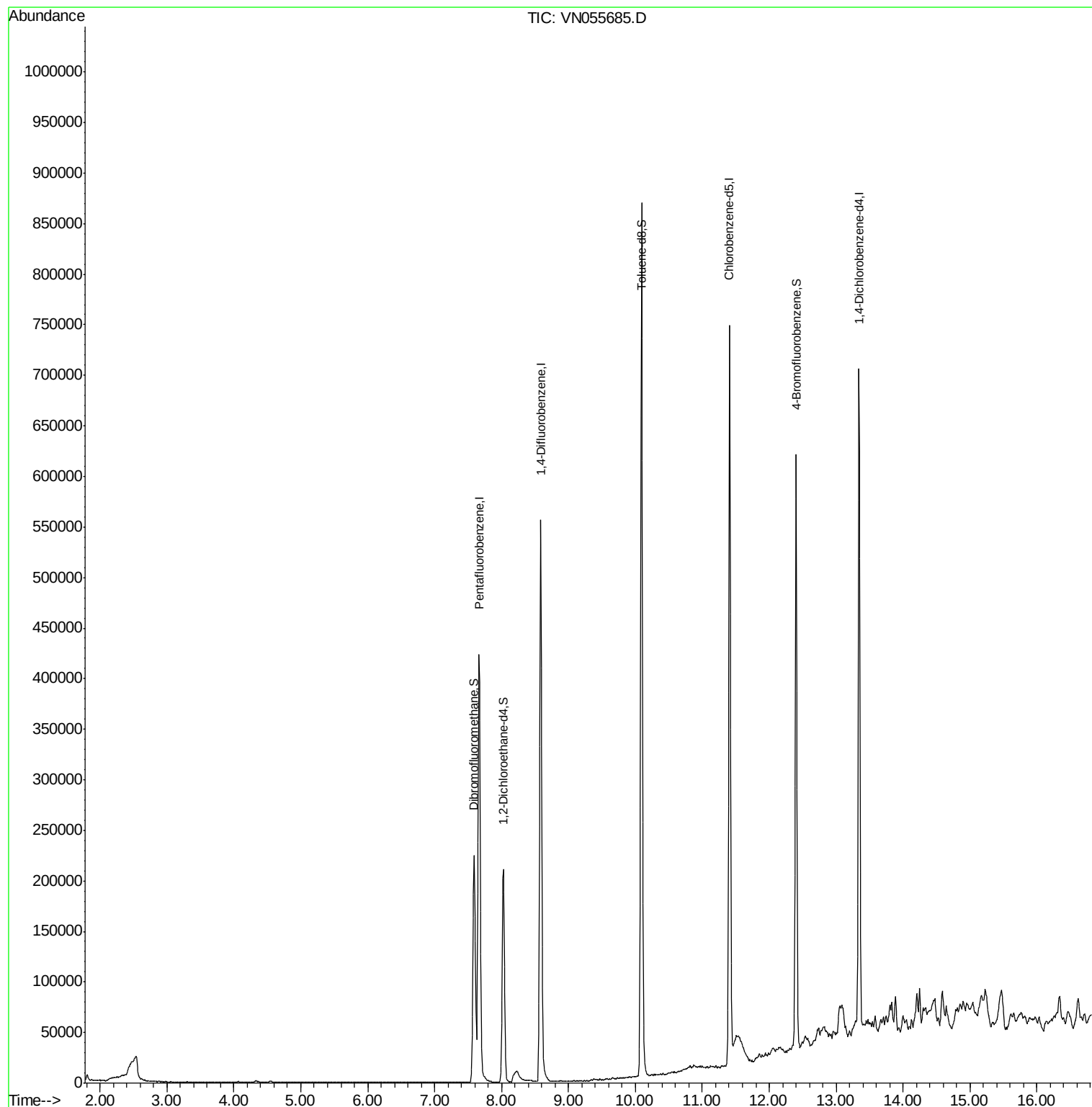
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	181905	40.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.38%	
35) Dibromofluoromethane	7.59	113	171396	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	10.09	98	655737	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	12.40	95	202131	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	

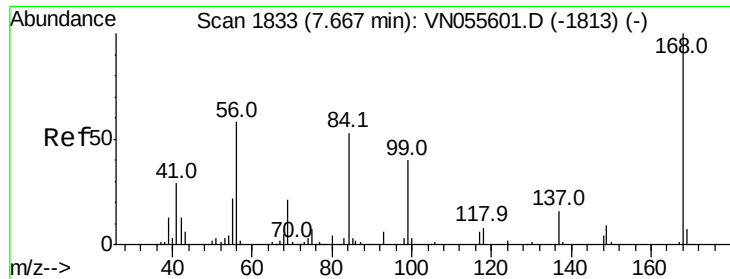
Target Compounds	Qvalue

(#) = 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: VN055685.D

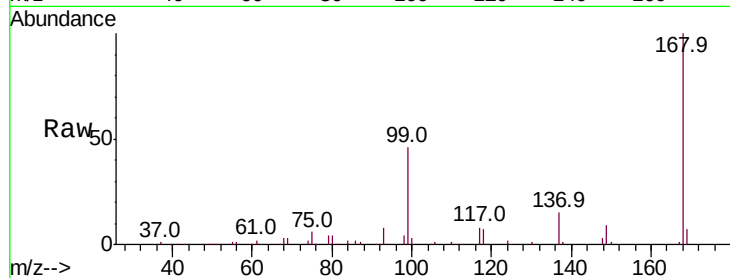
Acq: 20 May 2019 19:42

Tot Ion:168 Resp: 407841

Ion Ratio Lower Upper

168 100

99 45.9 40.2 60.2



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

Ion 98.90 (98.60 to 99.60): VN055685.D (-1740) (-)

7.66

150000

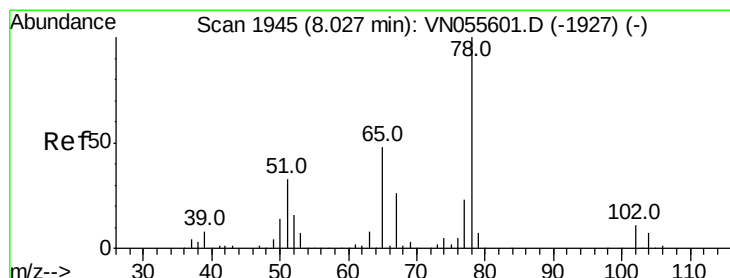
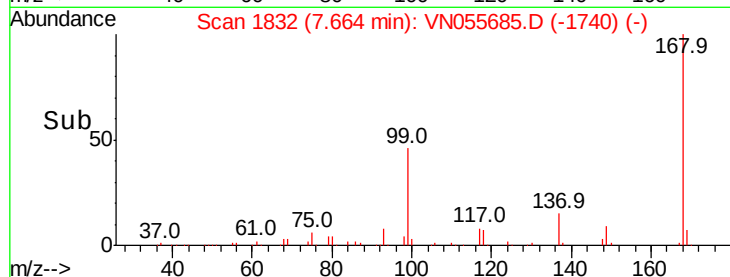
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 40.688 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055685.D

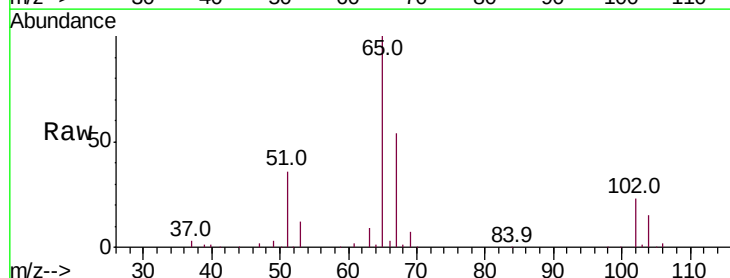
Acq: 20 May 2019 19:42

Tgt Ion: 65 Resp: 181905

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.6



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

Ion 66.90 (66.60 to 67.60): VN055685.D (-1852) (-)

8.03

80000

60000

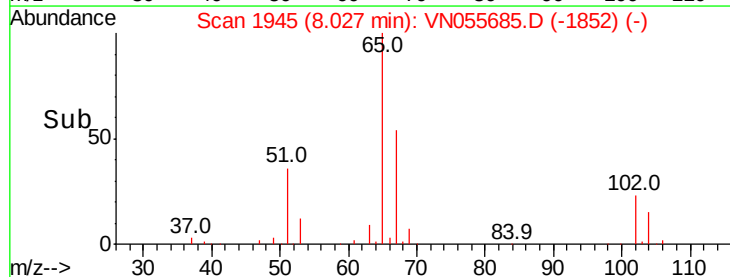
40000

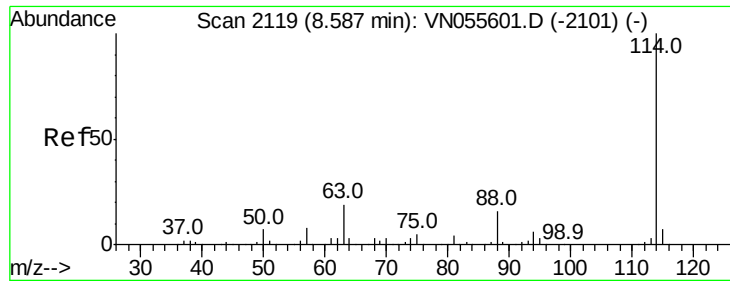
20000

0

Time-->

7.90 8.00 8.10

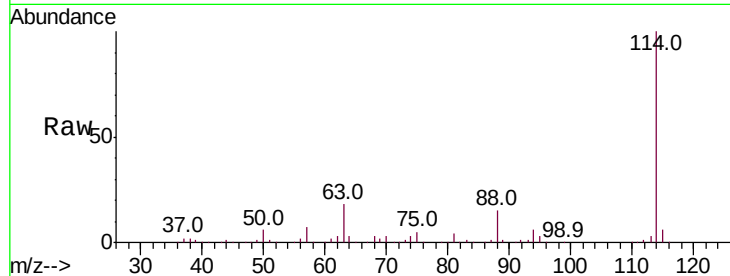




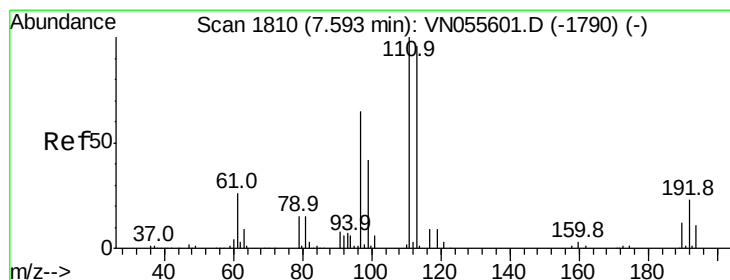
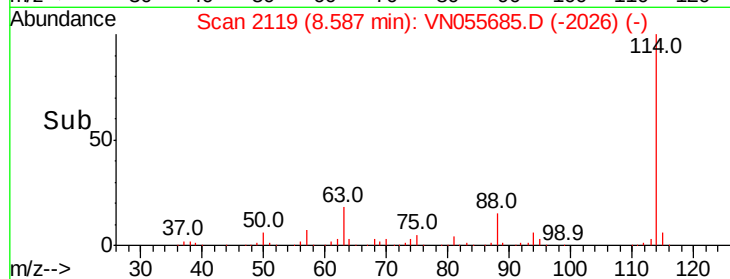
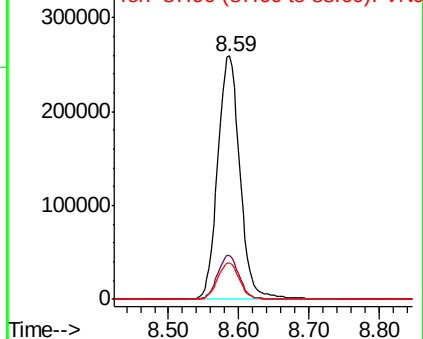
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055685.D
 Acq: 20 May 2019 19:42

Tot Ion:114 Resp: 570681

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.2
88	15.1	0.0	31.0



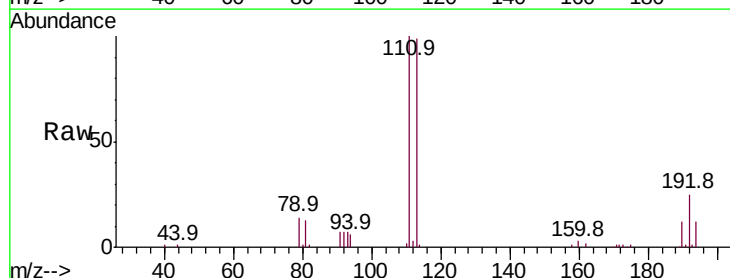
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



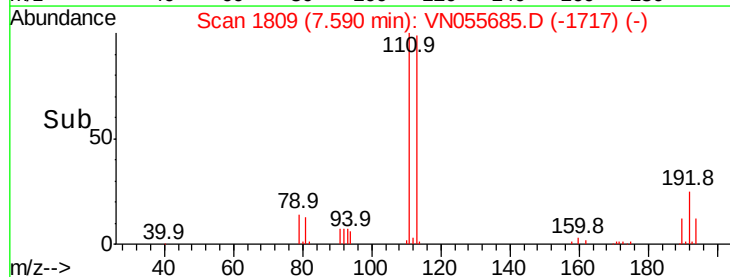
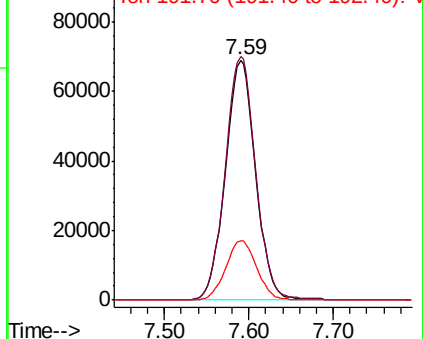
#35
 Dibromofluoromethane
 Concen: 47.279 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055685.D
 Acq: 20 May 2019 19:42

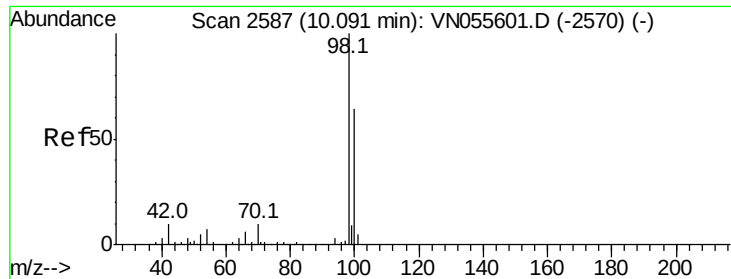
Tgt Ion:113 Resp: 171396

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.5	123.7
192	25.3	18.7	28.1



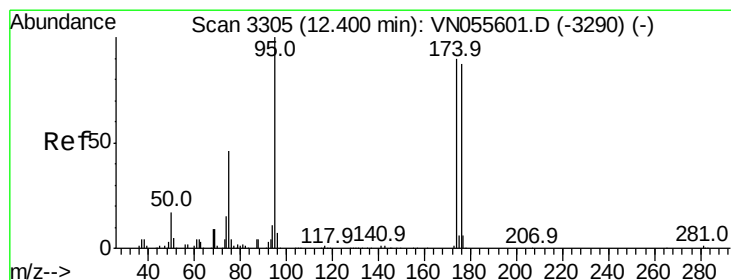
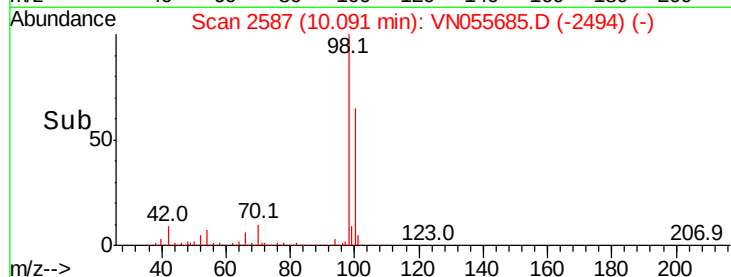
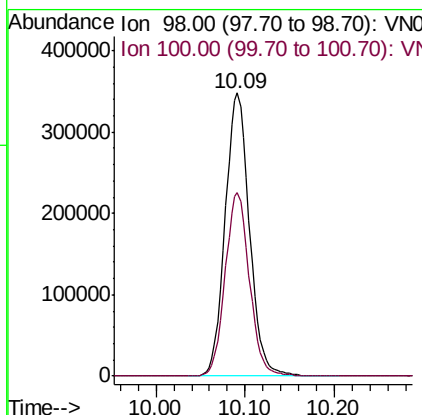
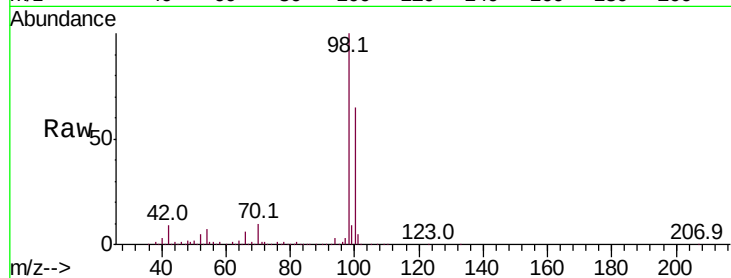
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





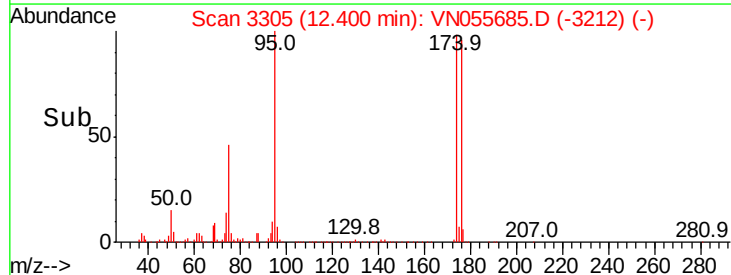
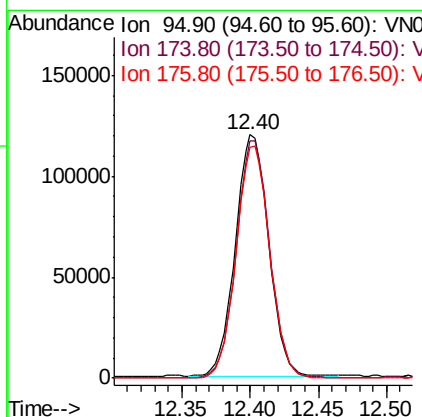
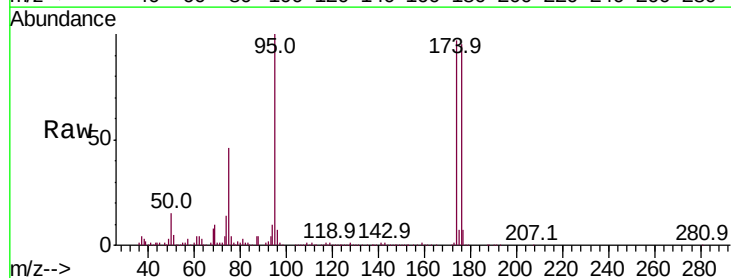
#50
Toluene-d8
Concen: 47.838 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055685.D
Acq: 20 May 2019 19:42

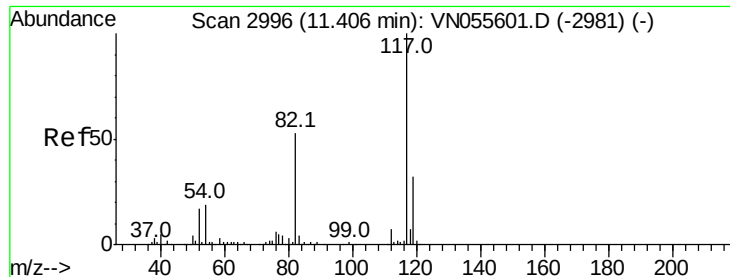
Tot Ion: 98 Resp: 655737
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.703 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055685.D
Acq: 20 May 2019 19:42

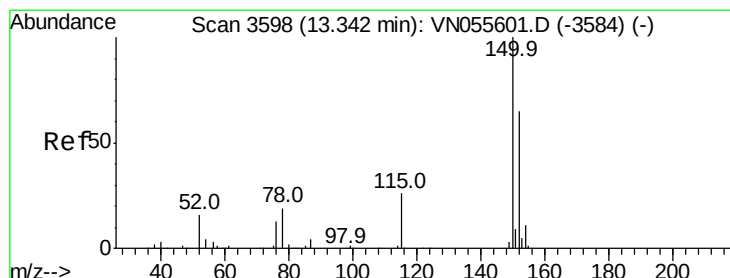
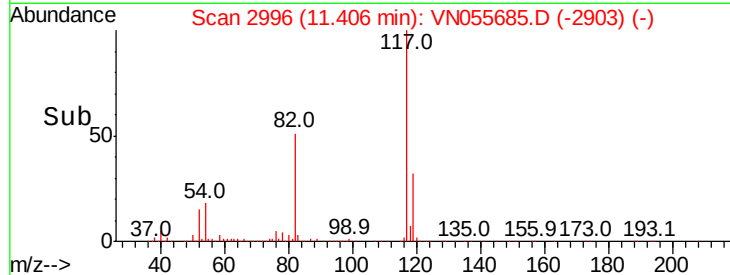
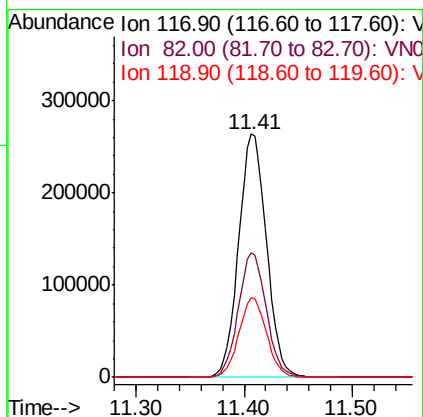
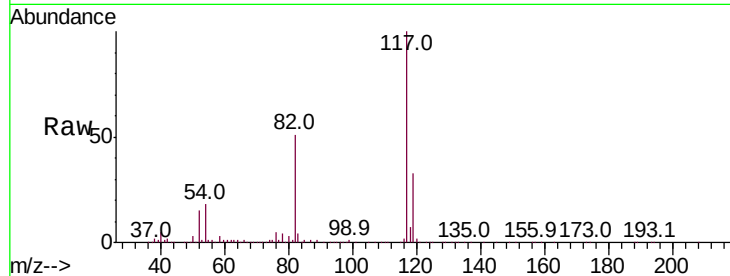
Tgt Ion: 95 Resp: 202131
Ion Ratio Lower Upper
95 100
174 98.3 0.0 180.6
176 97.0 0.0 177.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055685.D
Acq: 20 May 2019 19:42

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.3	63.5
119	32.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055685.D
Acq: 20 May 2019 19:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	28.1	84.2
150	155.3	0.0	348.0

