

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053905.D
 Acq On : 22 Feb 2019 10:13
 Operator : JC/SP
 Sample : VN0222WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 22 22:26:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	994091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	929863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	339493	50.00	ug/l	0.00

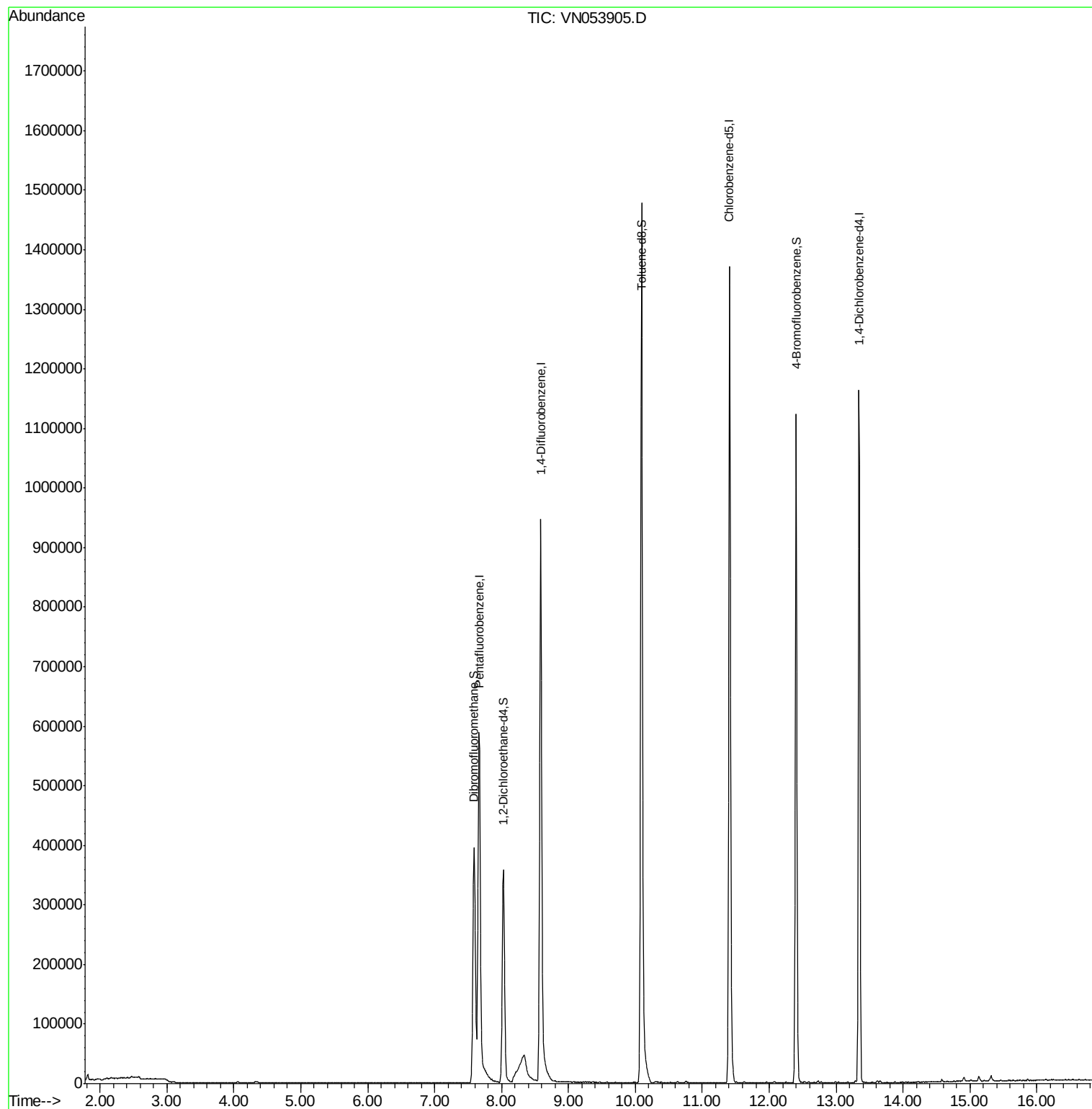
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	312660	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	7.59	113	315313	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1212055	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	390648	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

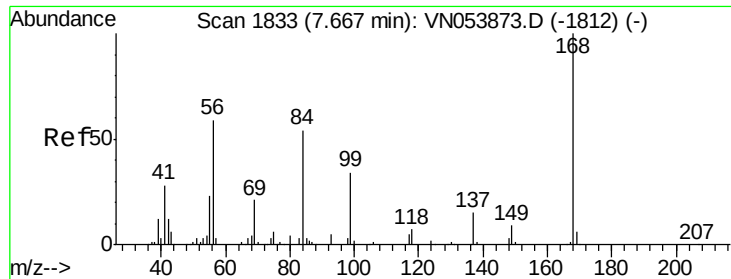
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053905.D

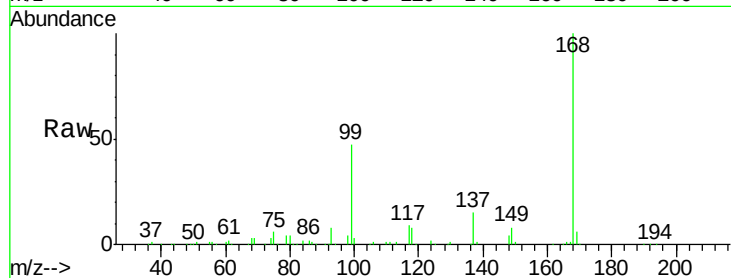
Acq: 22 Feb 2019 10:13

Tot Ion:168 Resp: 587151

Ion Ratio Lower Upper

168 100

99 46.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

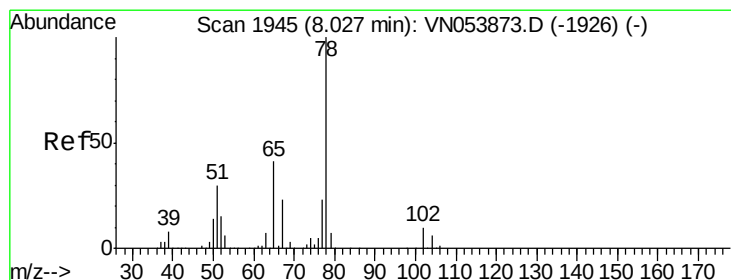
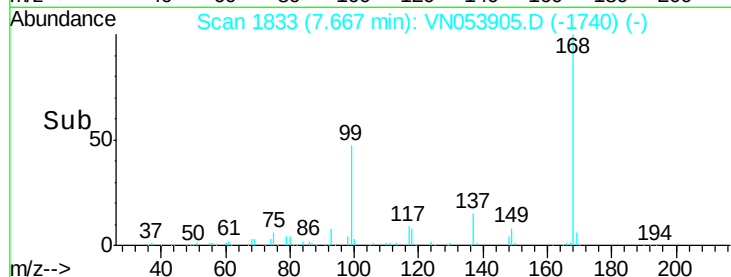
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 52.105 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053905.D

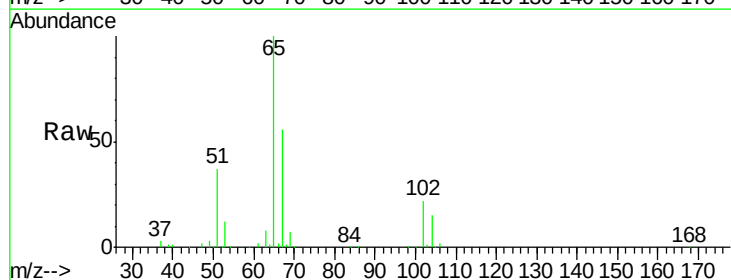
Acq: 22 Feb 2019 10:13

Tgt Ion: 65 Resp: 312660

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

150000

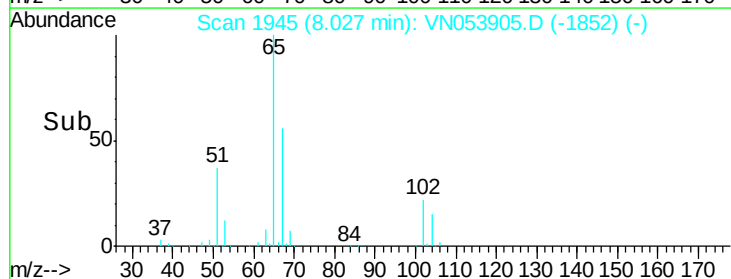
100000

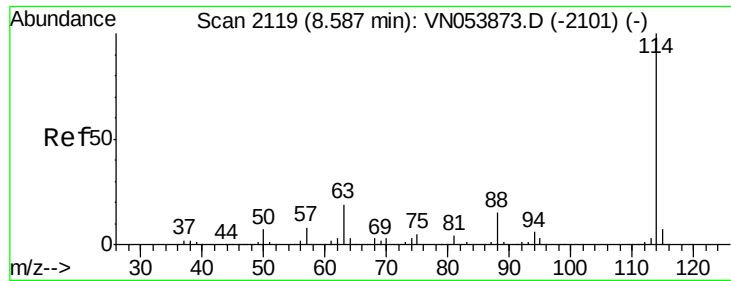
50000

0

Time-->

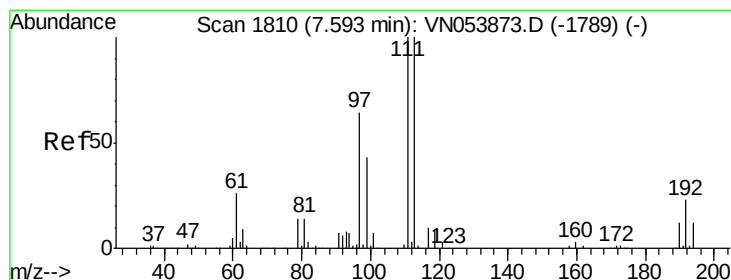
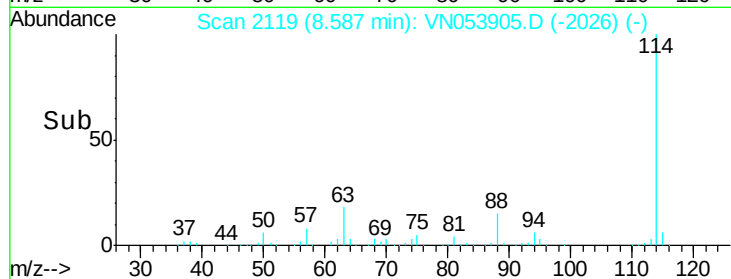
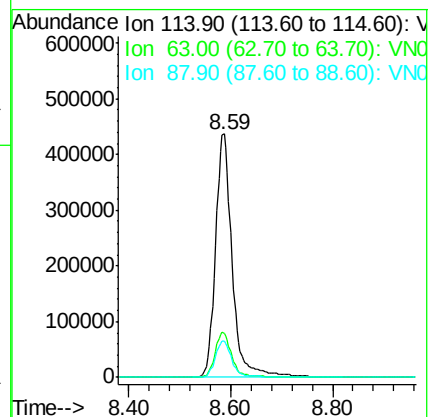
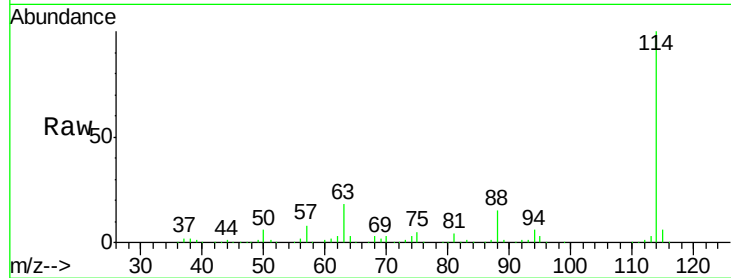
7.90 8.00 8.10 8.20





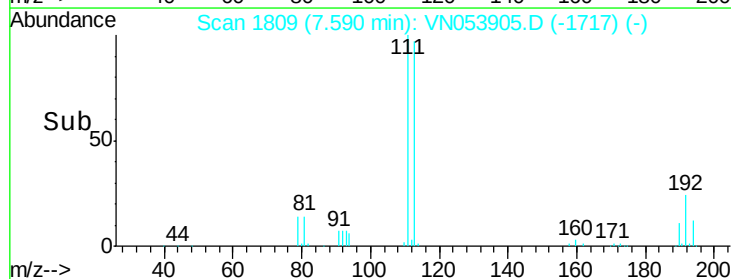
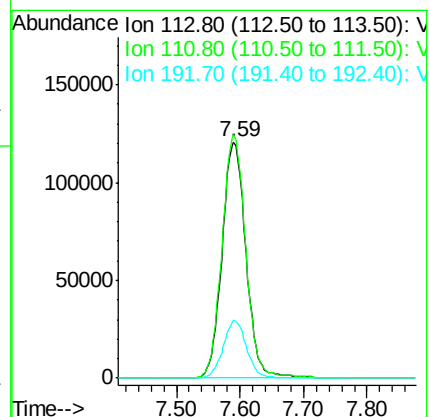
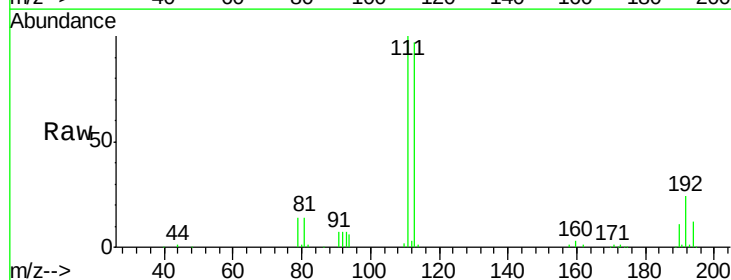
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053905.D
 Acq: 22 Feb 2019 10:13

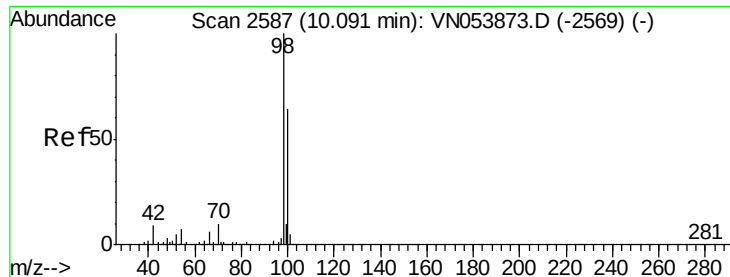
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	37.4
88	14.8	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 48.331 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053905.D
 Acq: 22 Feb 2019 10:13

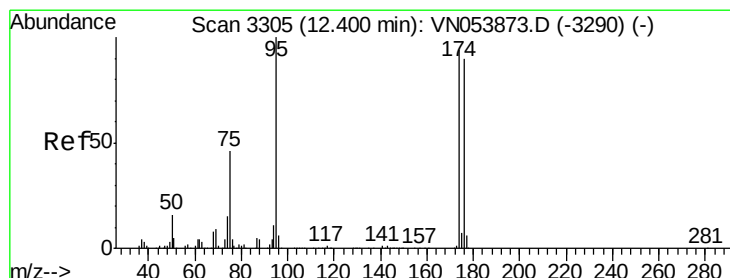
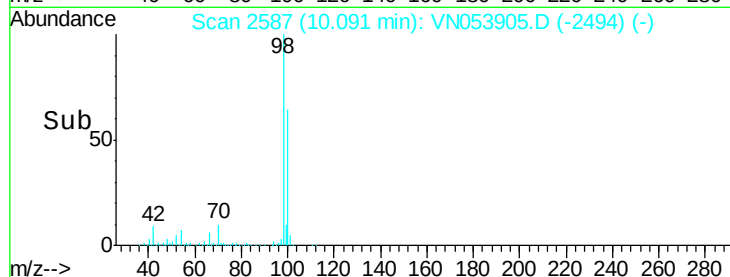
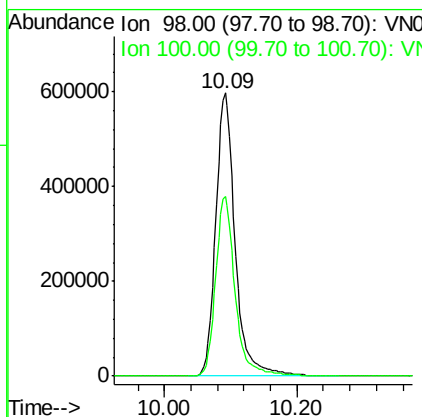
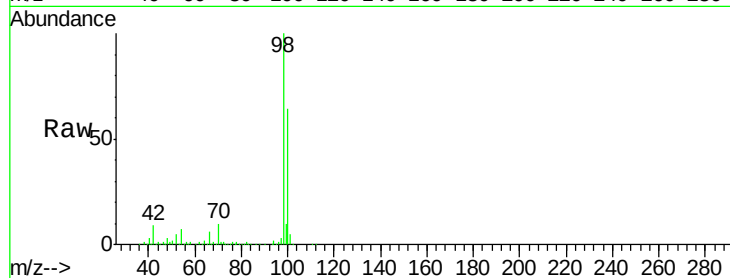
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	23.7	18.8	28.2





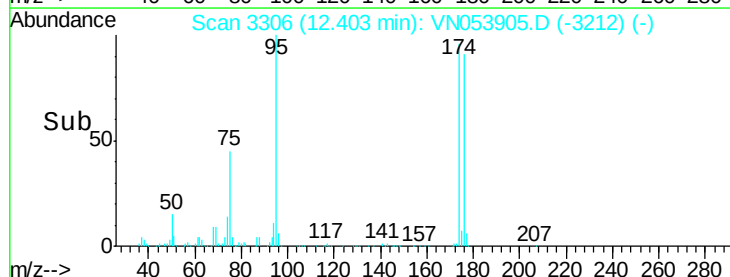
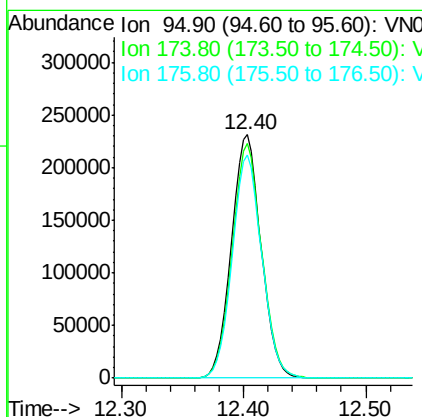
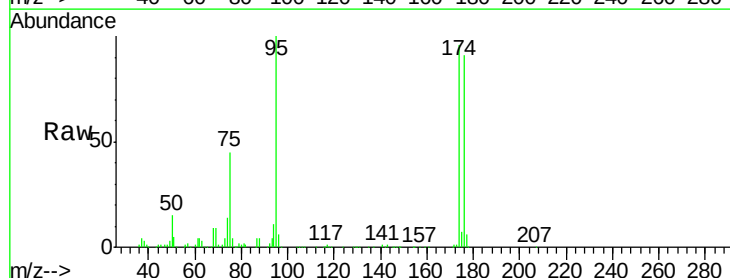
#50
Toluene-d8
Concen: 51.438 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053905.D
Acq: 22 Feb 2019 10:13

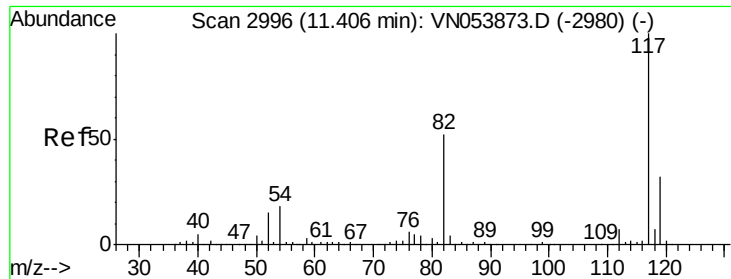
Tot Ion: 98 Resp: 1212055
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.217 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053905.D
Acq: 22 Feb 2019 10:13

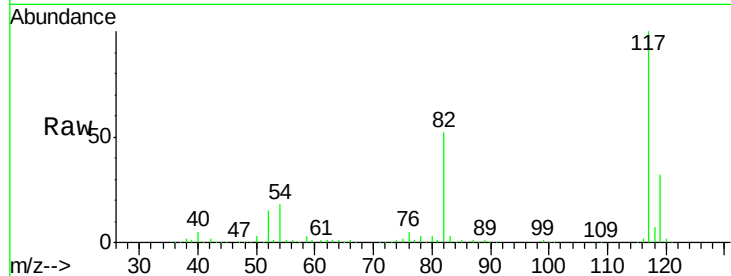
Tgt Ion: 95 Resp: 390648
Ion Ratio Lower Upper
95 100
174 96.0 0.0 188.8
176 91.3 0.0 182.6



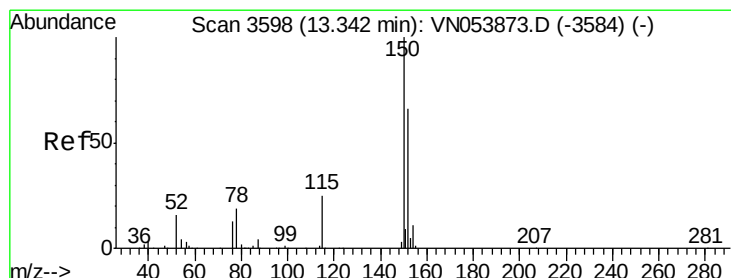
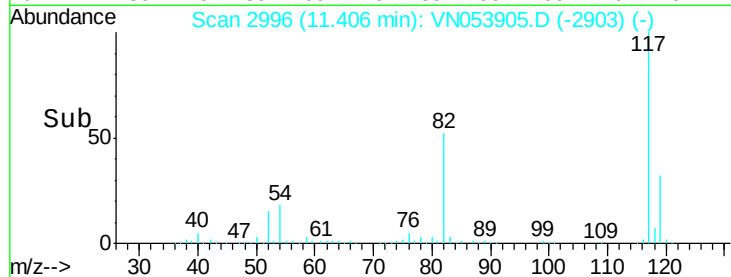
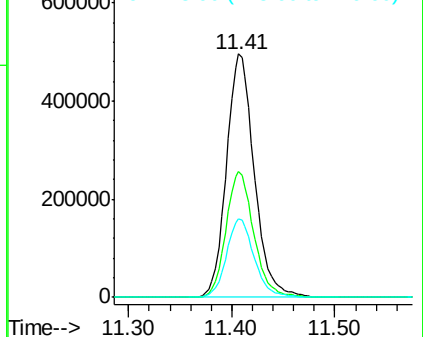


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053905.D
Acq: 22 Feb 2019 10:13

Tot Ion:117 Resp: 929863
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.2
119 32.1 25.3 37.9

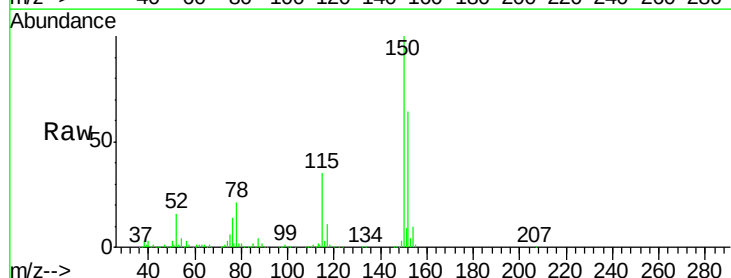


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053905.D
Acq: 22 Feb 2019 10:13

Tgt Ion:152 Resp: 339493
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.6
150 158.7 0.0 348.2



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

