

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054083.D
 Acq On : 4 Mar 2019 23:08
 Operator : JC/SP
 Sample : K1706-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

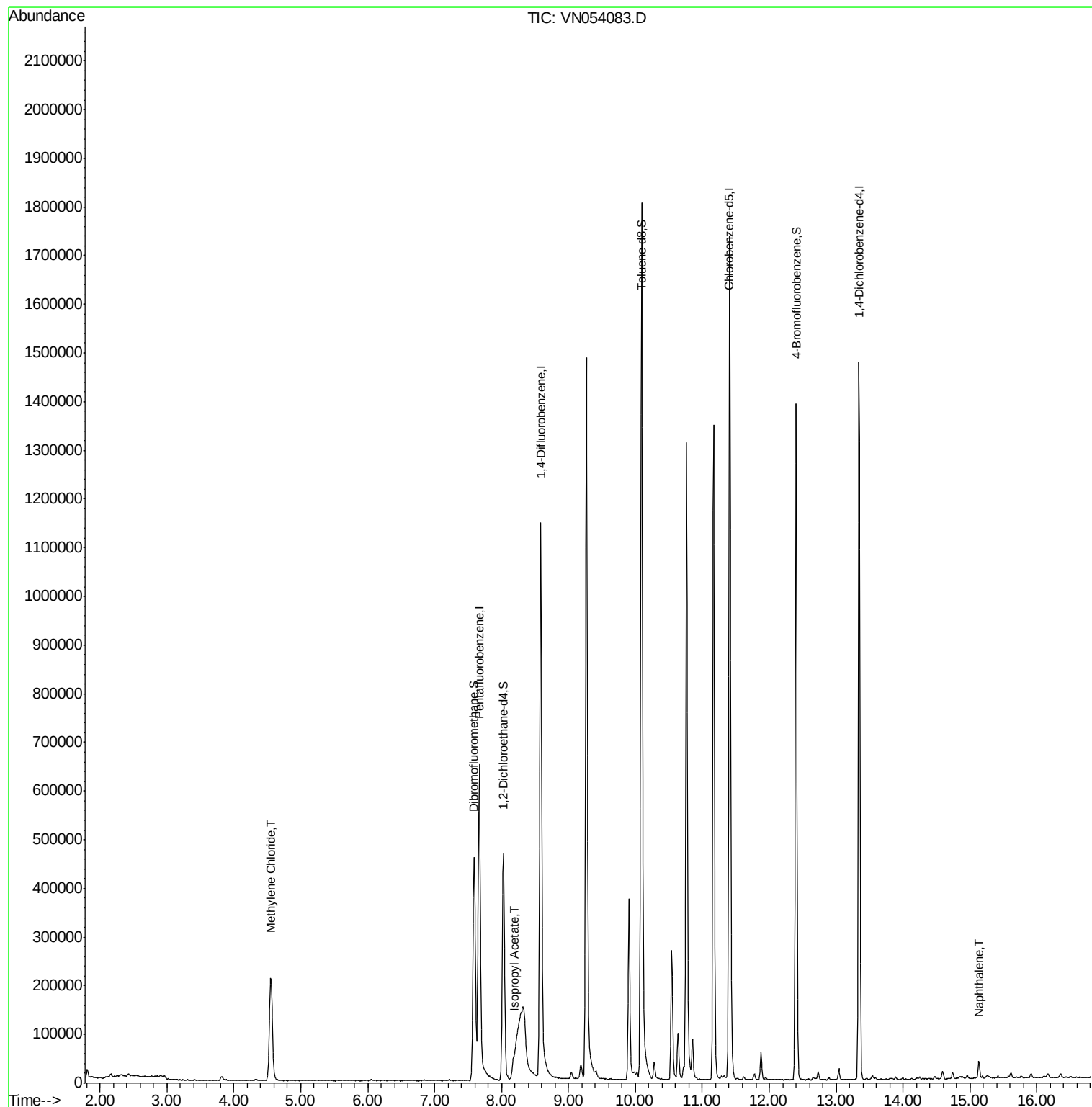
Quant Time: Mar 05 00:56:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

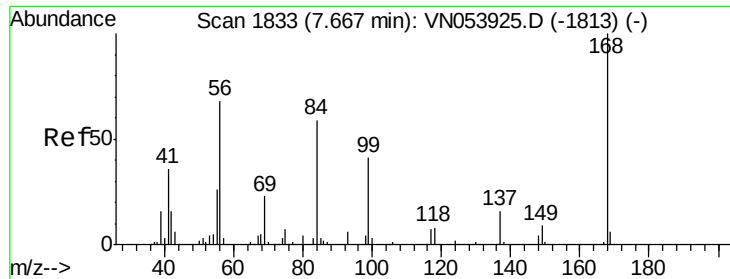
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	600450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1118421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1096781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	399659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	403053	57.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.52%	
35) Dibromofluoromethane	7.59	113	357693	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	10.09	98	1430574	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.40	95	475951	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
Target Compounds						
20) Methylene Chloride	4.55	84	163172	23.423	ug/l	90
43) Isopropyl Acetate	8.18	43	38387	3.061	ug/l #	91
95) Naphthalene	15.13	128	30730	5.029	ug/l	100

(#) = 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: VN054083.D

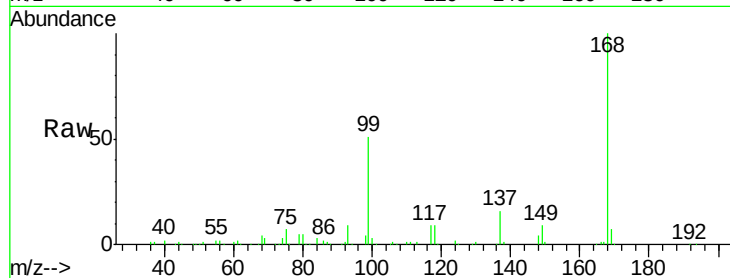
Acq: 4 Mar 2019 23:08

Tot Ion:168 Resp: 600450

Ion Ratio Lower Upper

168 100

99 51.3 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

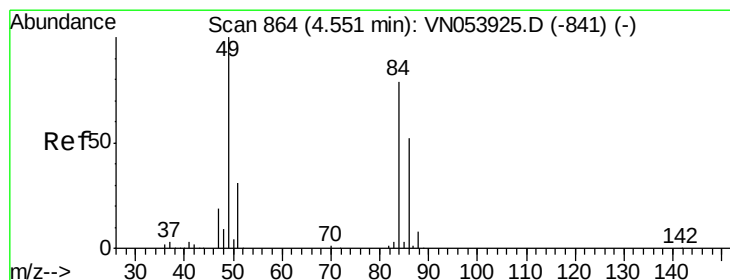
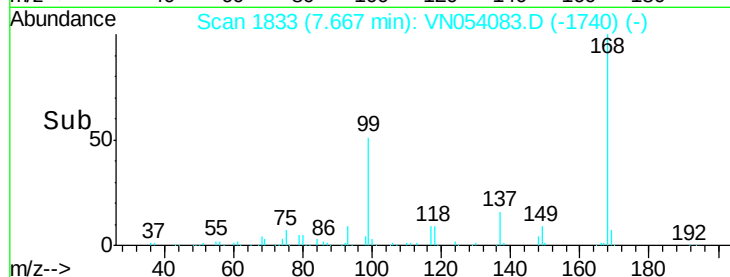
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 23.423 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054083.D

Acq: 4 Mar 2019 23:08

Tgt Ion: 84 Resp: 163172

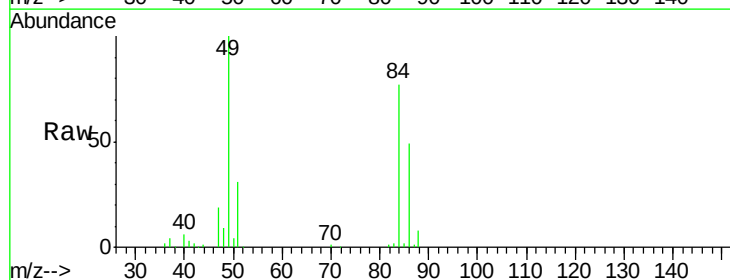
Ion Ratio Lower Upper

84 100

49 129.3 89.7 134.5

51 40.0 27.8 41.8

86 63.3 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

100000

80000

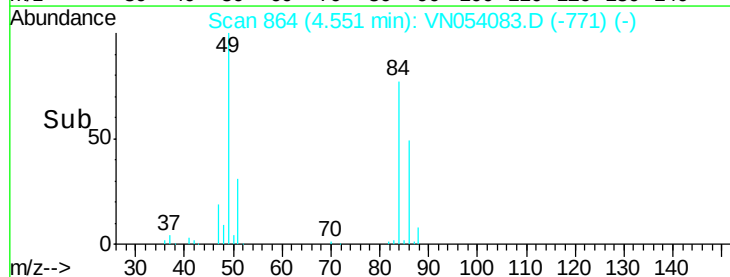
60000

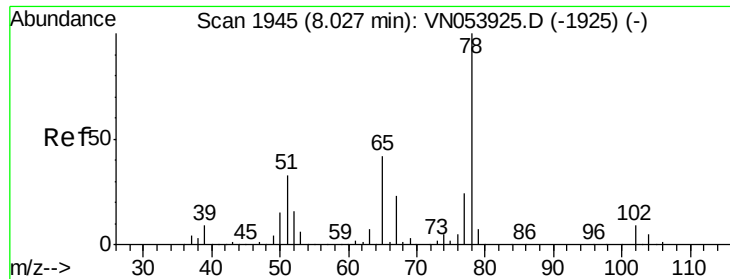
40000

20000

0

Time--> 4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 57.263 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054083.D

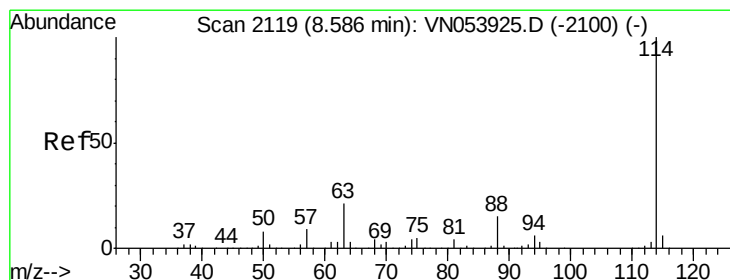
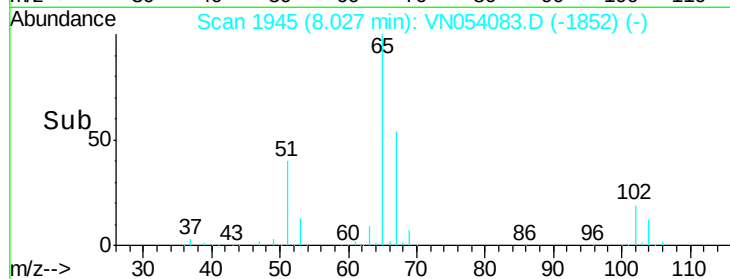
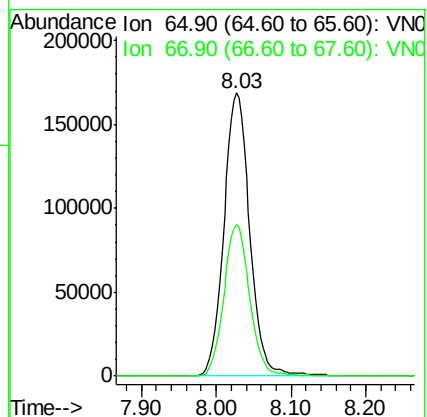
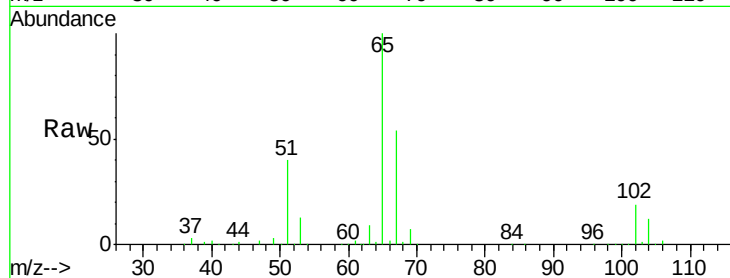
Acq: 4 Mar 2019 23:08

Tot Ion: 65 Resp: 403053

Ion Ratio Lower Upper

65 100

67 53.5 0.0 111.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054083.D

Acq: 4 Mar 2019 23:08

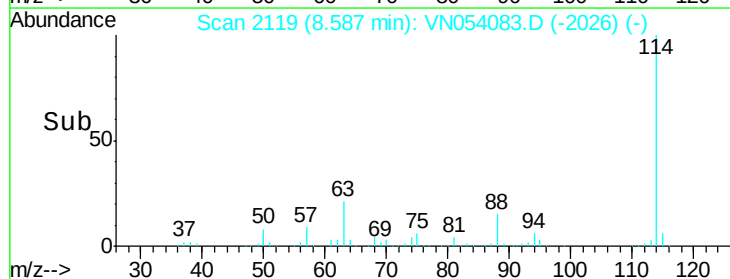
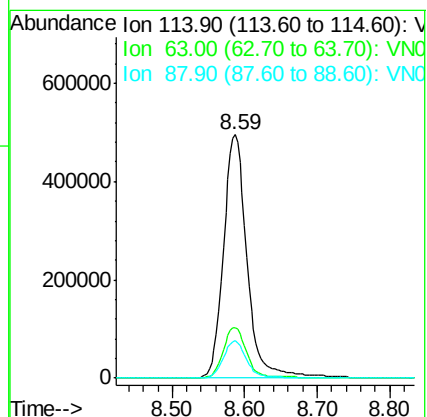
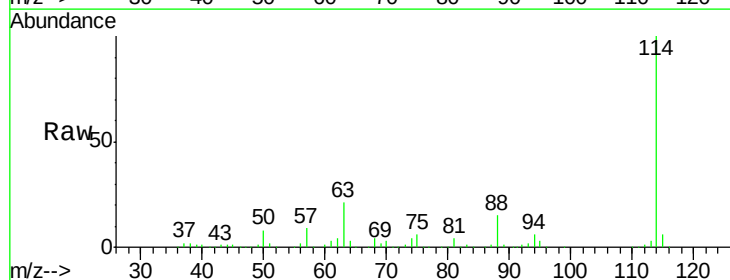
Tgt Ion: 114 Resp: 1118421

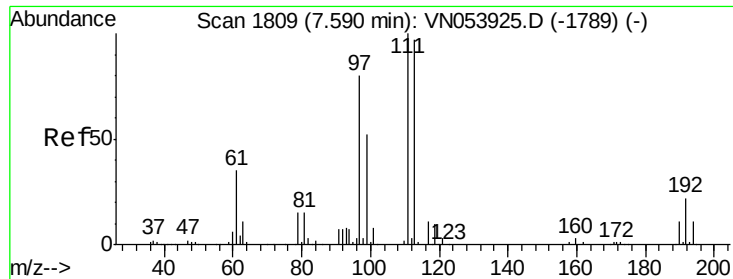
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

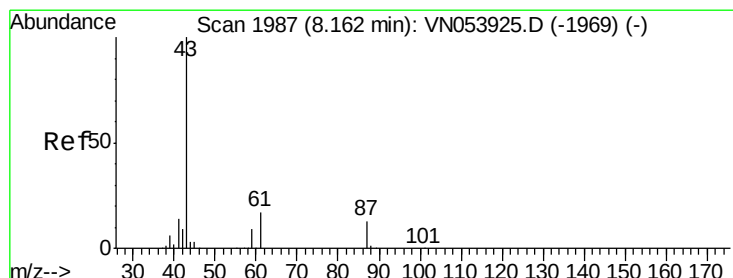
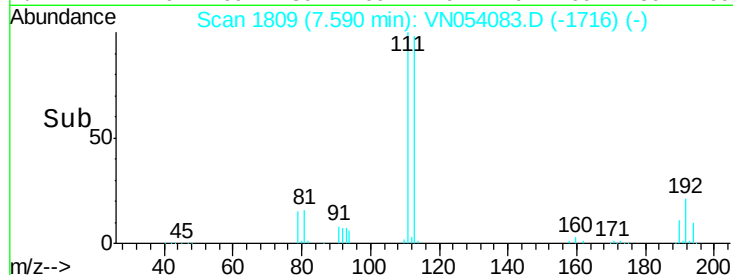
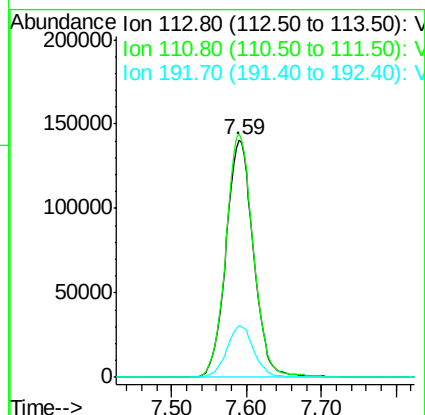
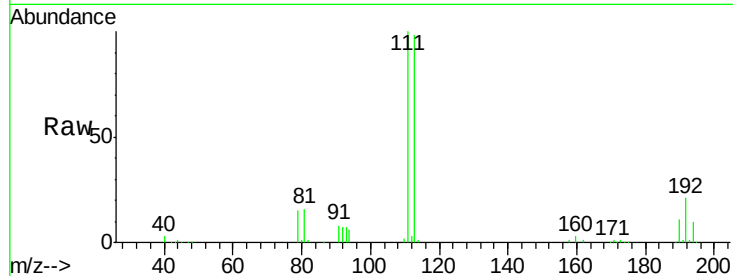
88 15.2 0.0 30.4





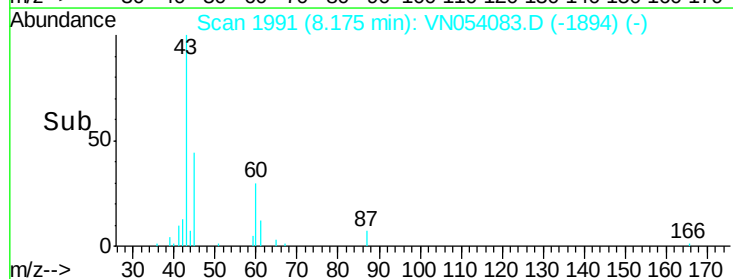
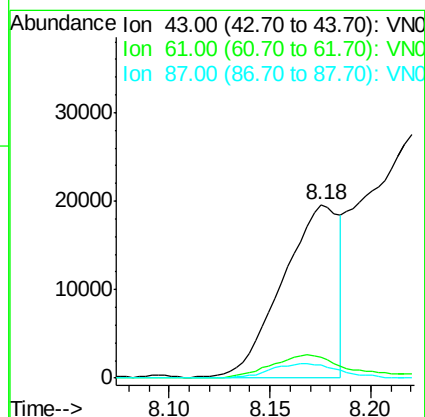
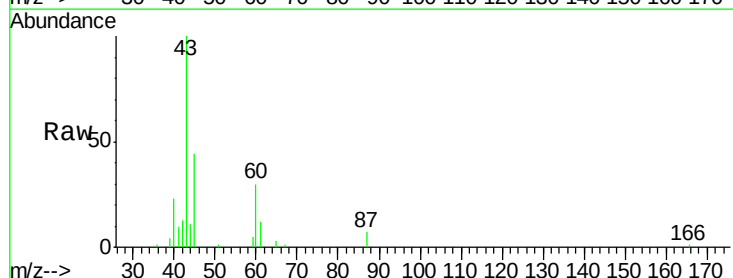
#35
 Dibromofluoromethane
 Concen: 49.457 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054083.D
 Acq: 4 Mar 2019 23:08

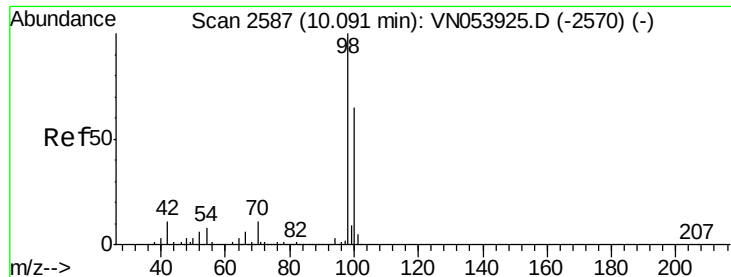
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	21.3	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 3.061 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN054083.D
 Acq: 4 Mar 2019 23:08

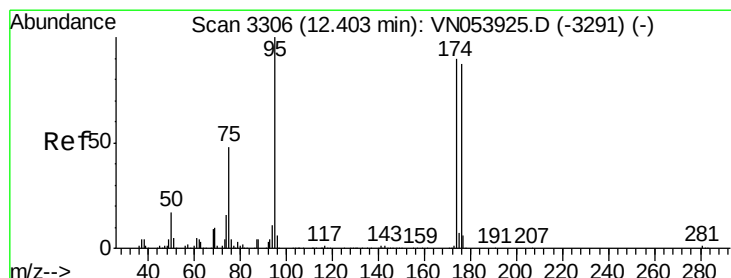
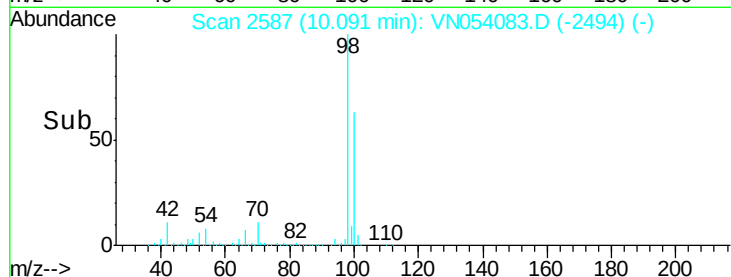
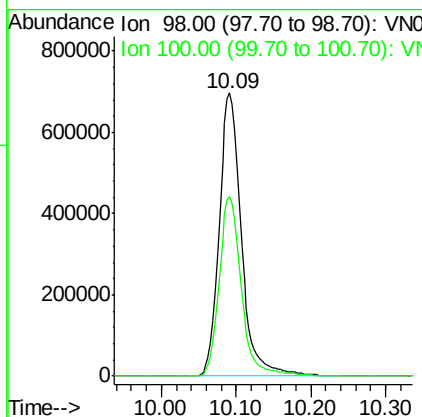
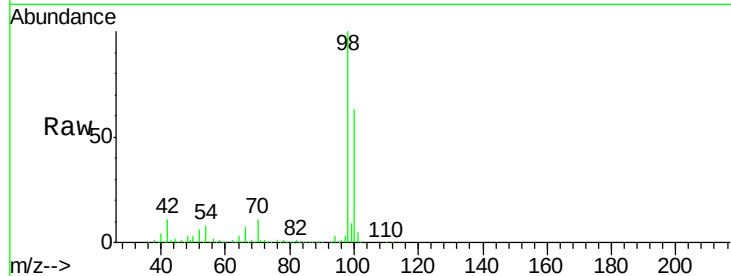
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.0	17.4	26.0
87	9.8	11.5	17.3





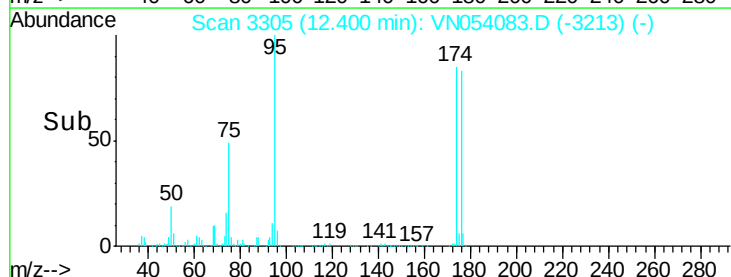
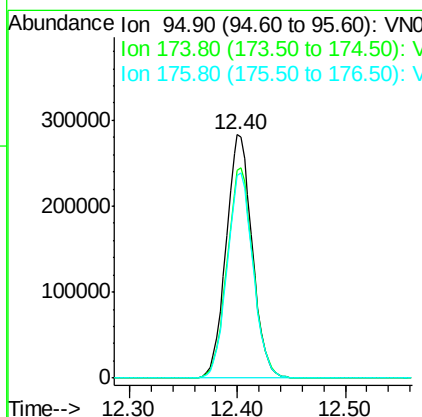
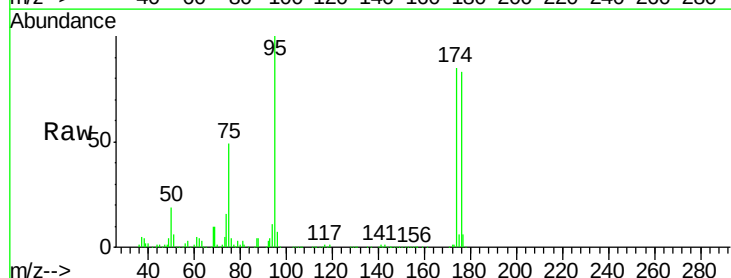
#50
Toluene-d8
Concen: 53.136 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054083.D
Acq: 4 Mar 2019 23:08

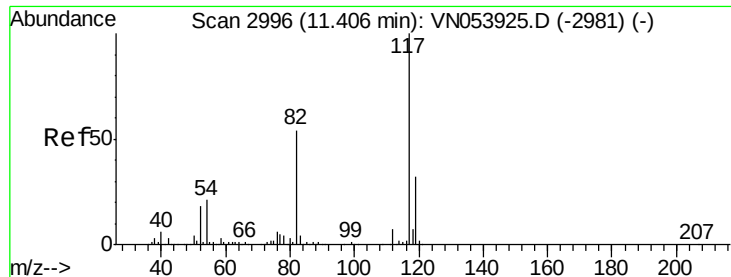
Tot Ion: 98 Resp: 1430574
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.061 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054083.D
Acq: 4 Mar 2019 23:08

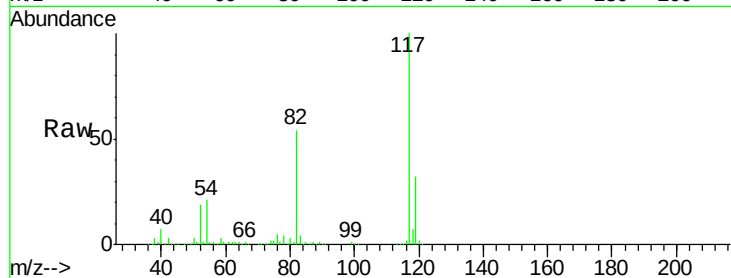
Tgt Ion: 95 Resp: 475951
Ion Ratio Lower Upper
95 100
174 86.4 0.0 188.8
176 83.9 0.0 182.6



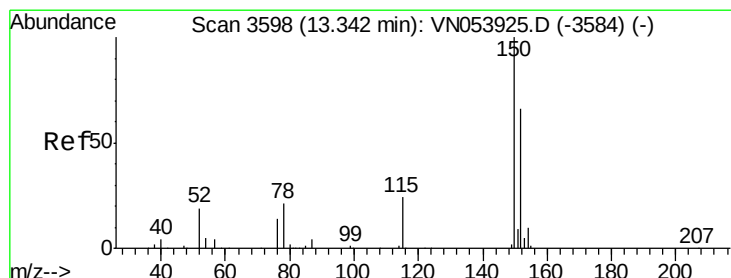
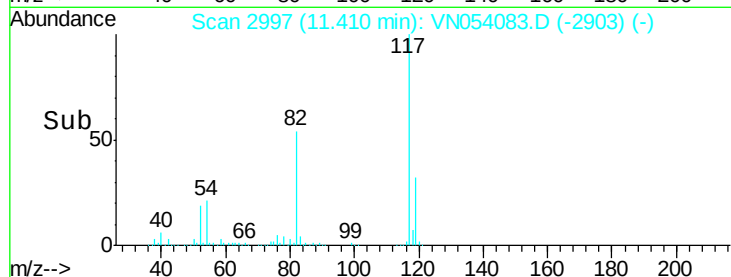
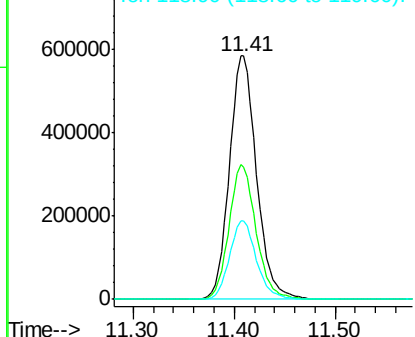


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054083.D
Acq: 4 Mar 2019 23:08

Tot Ion:117 Resp: 1096781
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.2
119 32.2 25.3 37.9

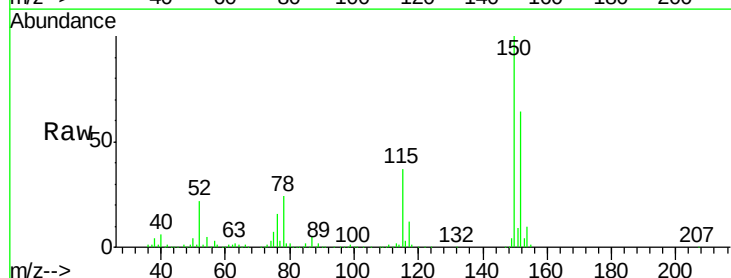


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

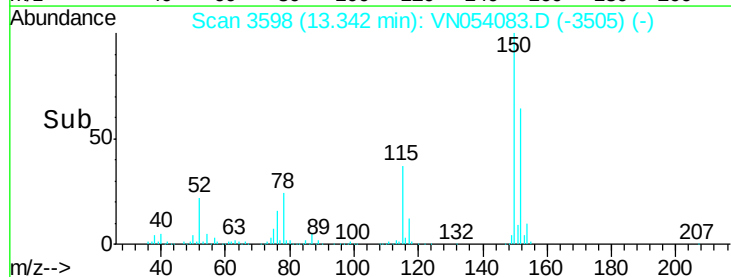
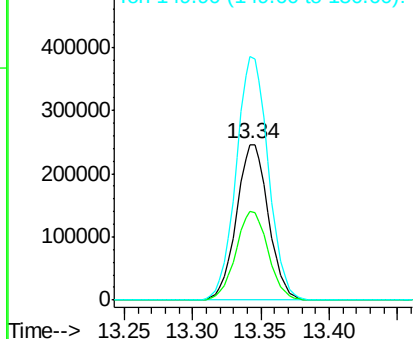


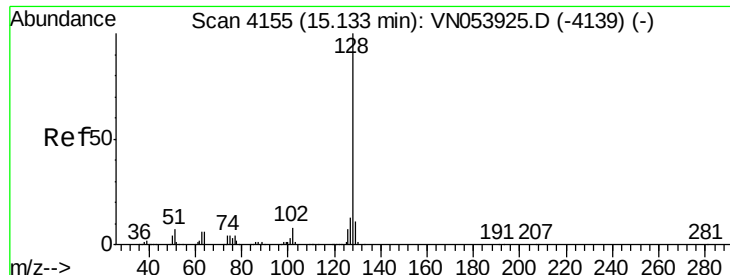
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054083.D
Acq: 4 Mar 2019 23:08

Tgt Ion:152 Resp: 399659
Ion Ratio Lower Upper
152 100
115 57.5 27.2 81.6
150 157.4 0.0 348.2



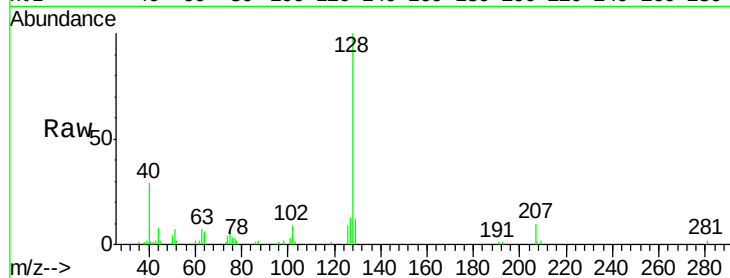
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 5.029 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054083.D
Acq: 4 Mar 2019 23:08

Tot Ion:128 Resp: 30730
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

