

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054076.D
 Acq On : 4 Mar 2019 20:01
 Operator : JC/SP
 Sample : K1688-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

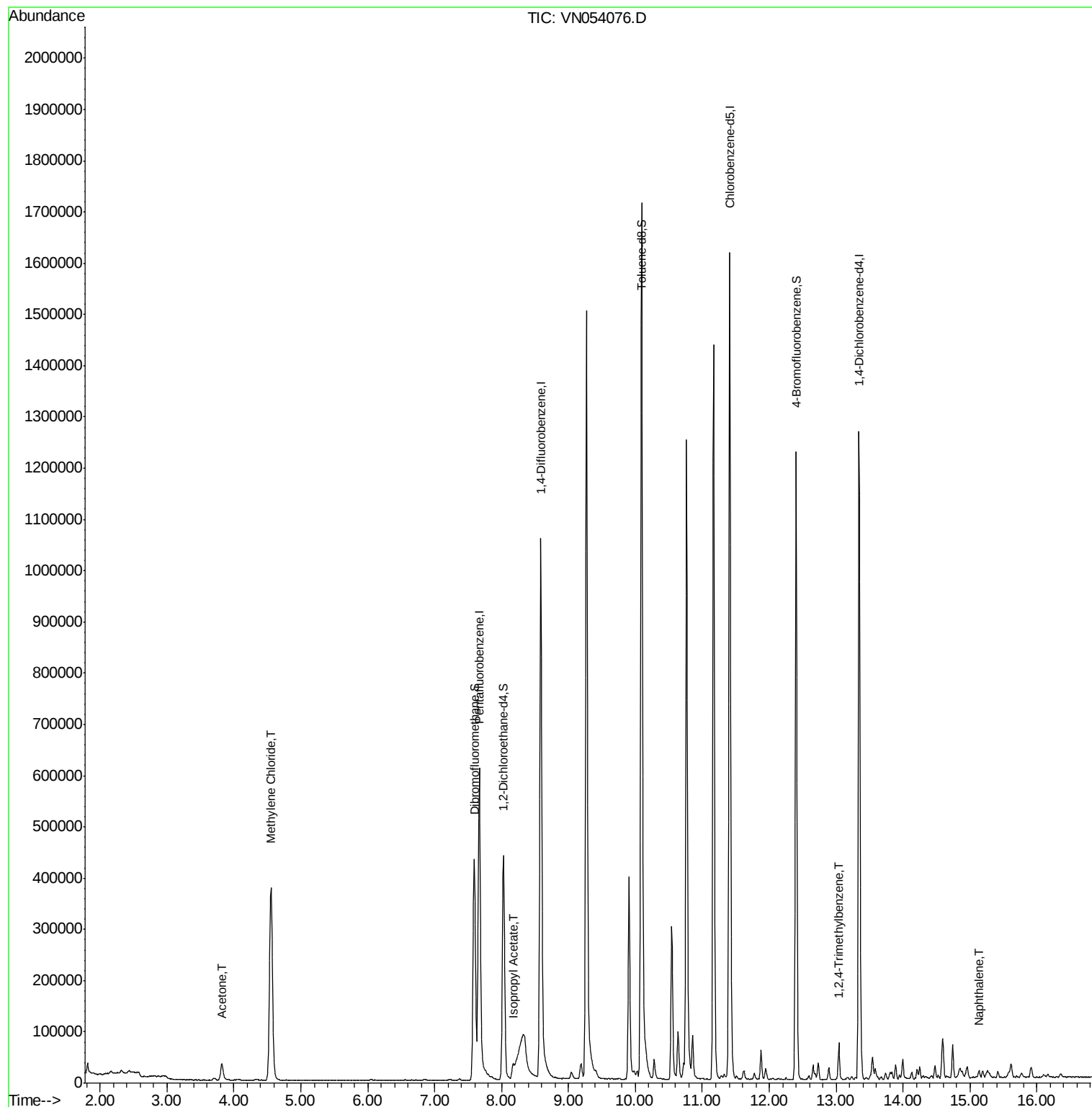
Quant Time: Mar 05 00:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

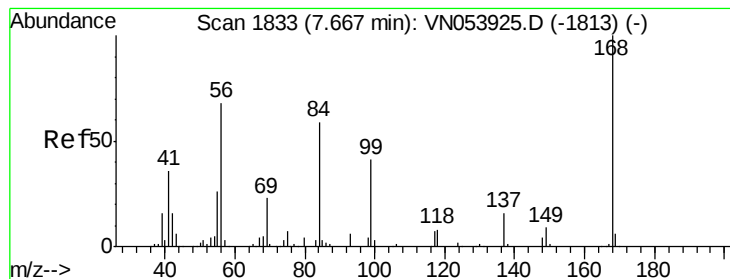
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	574456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1047938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1009812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	351715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	378552	56.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.44%	
35) Dibromofluoromethane	7.59	113	342002	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	1323903	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	12.40	95	429824	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
Target Compounds						
16) Acetone	3.82	43	57861	21.339	ug/l	94
20) Methylene Chloride	4.55	84	285995	42.912	ug/l	90
43) Isopropyl Acetate	8.17	43	38174	3.249	ug/l #	88
84) 1,2,4-Trimethylbenzene	13.04	105	40102	1.792	ug/l	98
95) Naphthalene	15.13	128	11995	4.018	ug/l #	95

(#) = 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: VN054076.D

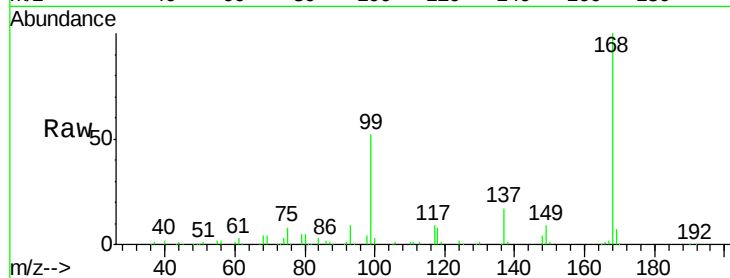
Acq: 4 Mar 2019 20:01

Tot Ion:168 Resp: 574456

Ion Ratio Lower Upper

168 100

99 52.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN054076.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054076.D (-1740) (-)

7.67

250000

200000

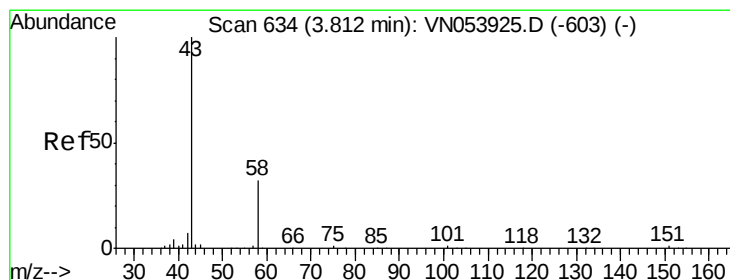
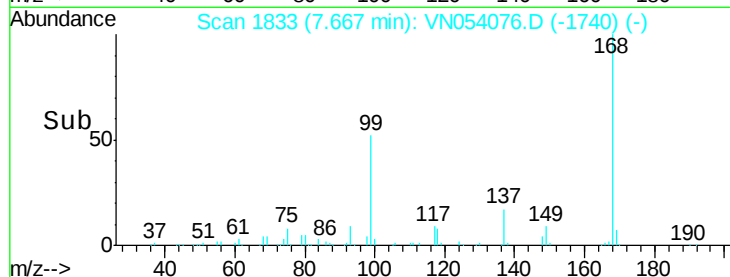
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 21.339 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054076.D

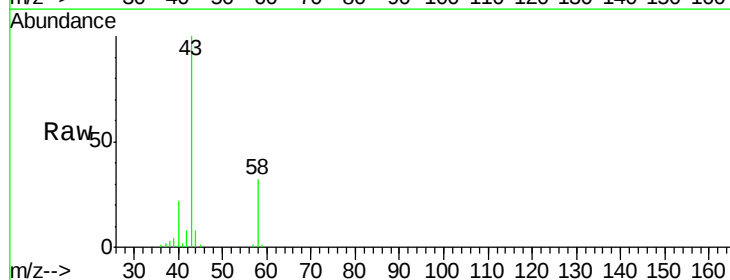
Acq: 4 Mar 2019 20:01

Tgt Ion: 43 Resp: 57861

Ion Ratio Lower Upper

43 100

58 31.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN054076.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN054076.D (-540) (-)

3.82

20000

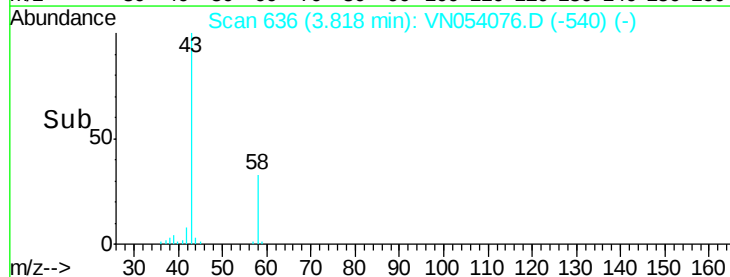
15000

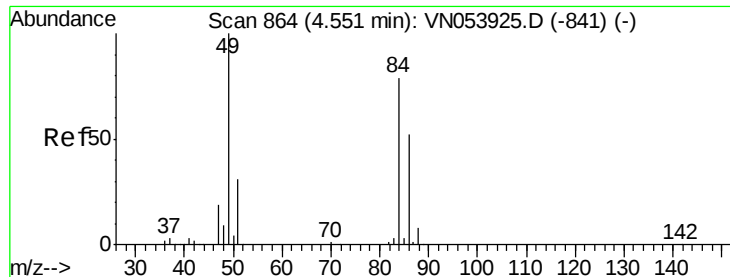
10000

5000

0

Time--> 3.70 3.80 3.90





#20

Methylene Chloride

Concen: 42.912 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

Tot Ion: 84 Resp: 285995

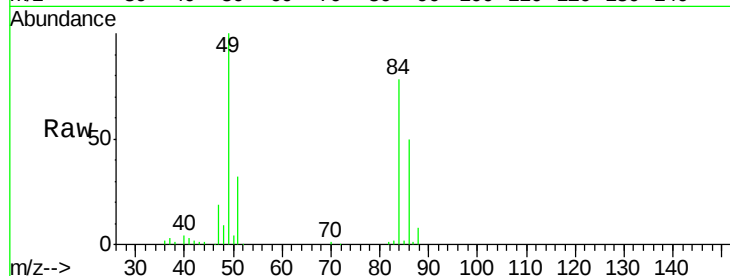
Ion Ratio Lower Upper

84 100

49 128.3 89.7 134.5

51 40.5 27.8 41.8

86 64.1 51.3 76.9

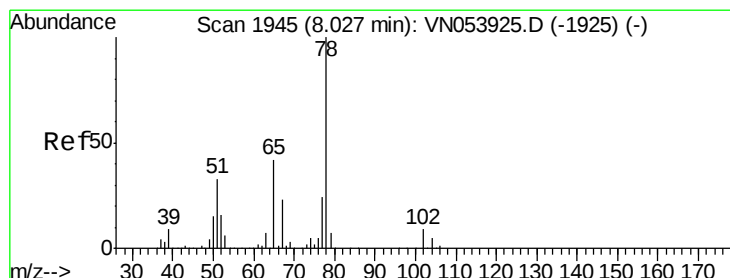
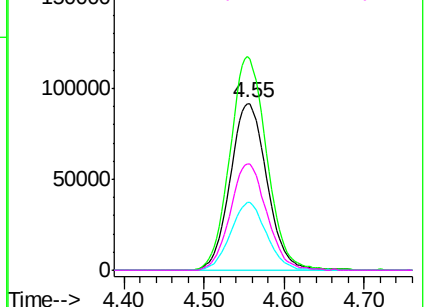
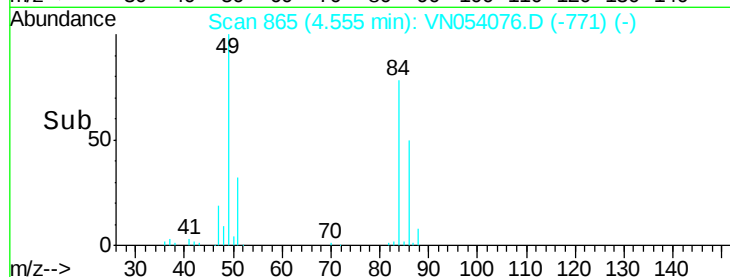


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 56.216 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054076.D

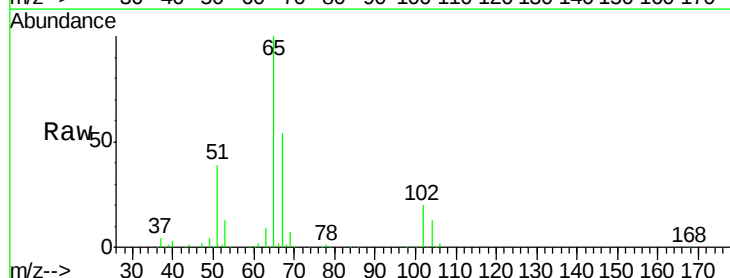
Acq: 4 Mar 2019 20:01

Tgt Ion: 65 Resp: 378552

Ion Ratio Lower Upper

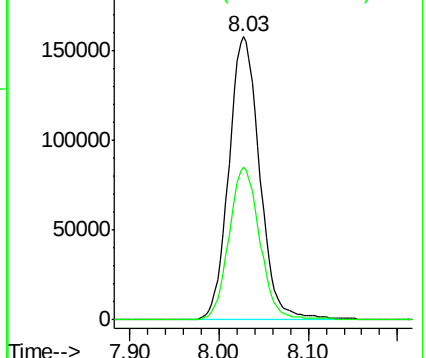
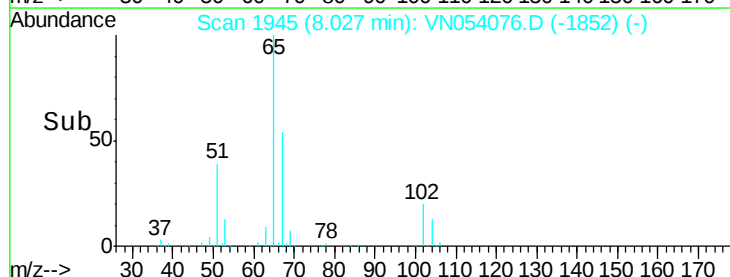
65 100

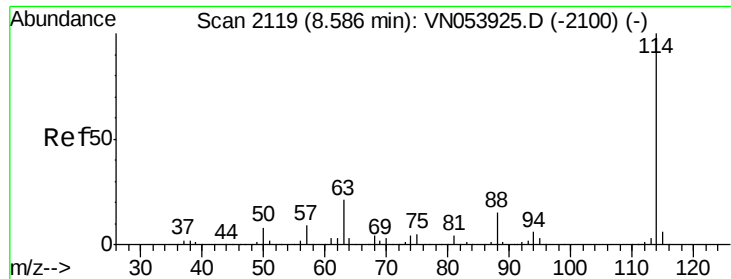
67 53.9 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

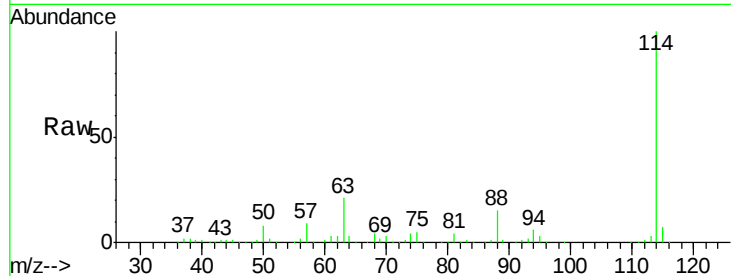




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054076.D
 Acq: 4 Mar 2019 20:01

Tot Ion:114 Resp: 1047938

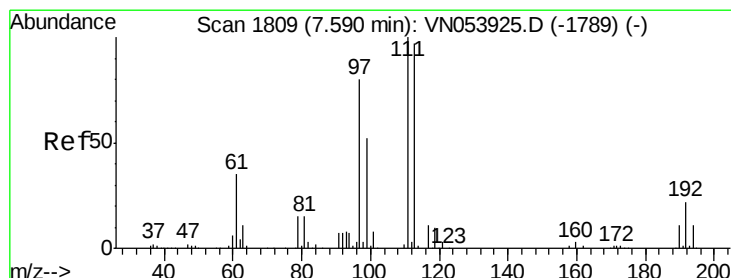
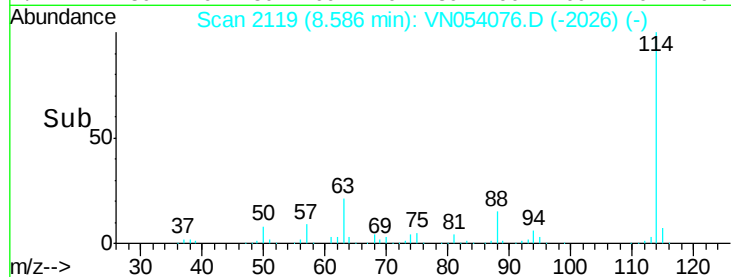
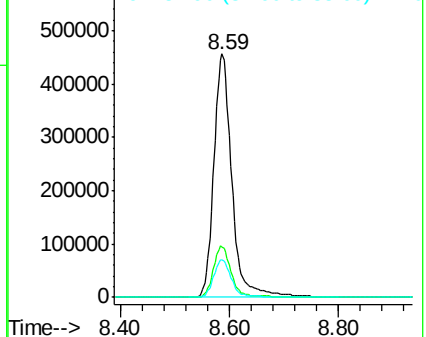
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	37.4
88	15.5	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

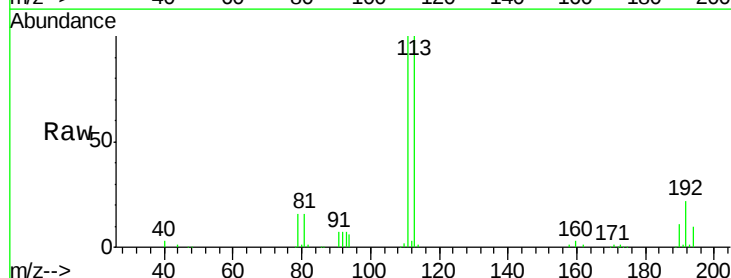
Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.468 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054076.D
 Acq: 4 Mar 2019 20:01

Tgt Ion:113 Resp: 342002

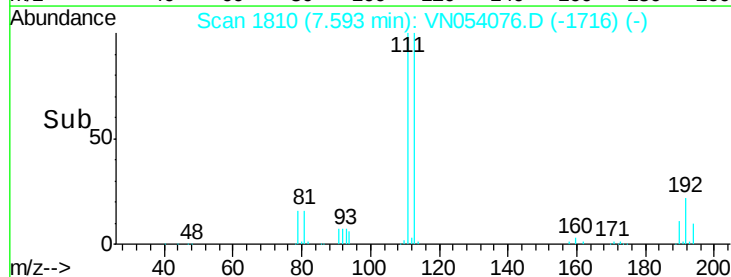
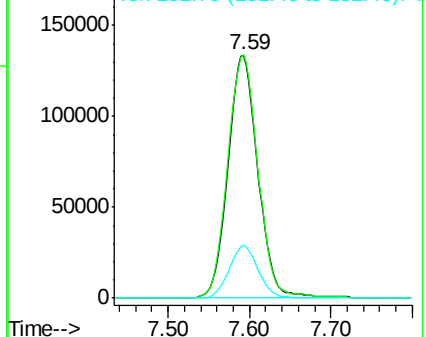
Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.1	121.7
192	21.1	18.8	28.2

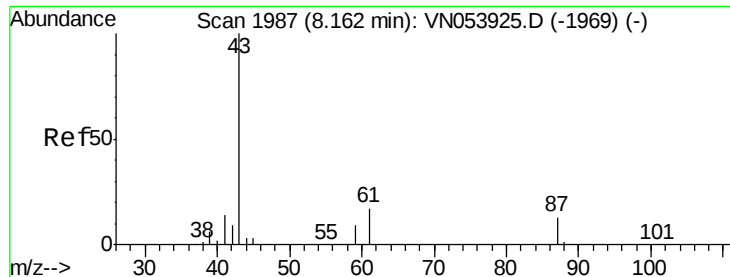


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

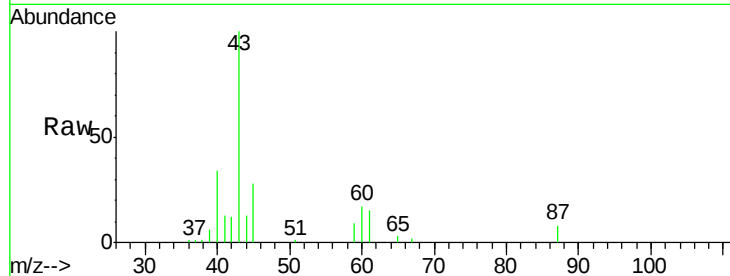




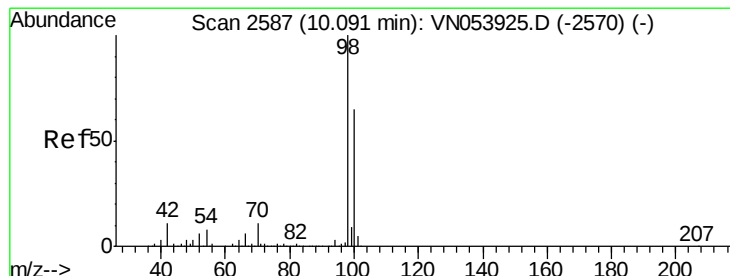
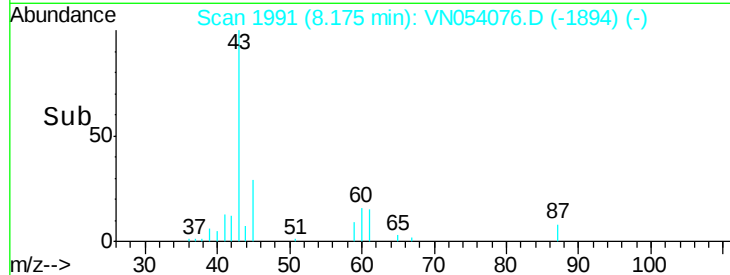
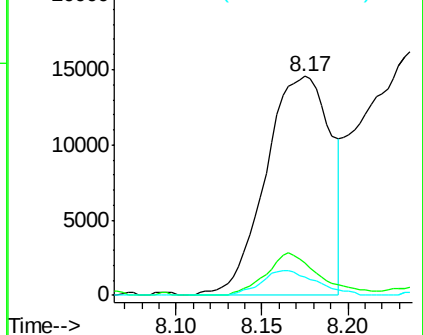
#43

Isopropyl Acetate
 Concen: 3.249 ug/l
 RT: 8.17 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN054076.D
 Acq: 4 Mar 2019 20:01

Tot Ion	43	61	87
Resp	38174		
Ratio	100	15.9	9.6
Lower		17.4	11.5
Upper		26.0	17.3



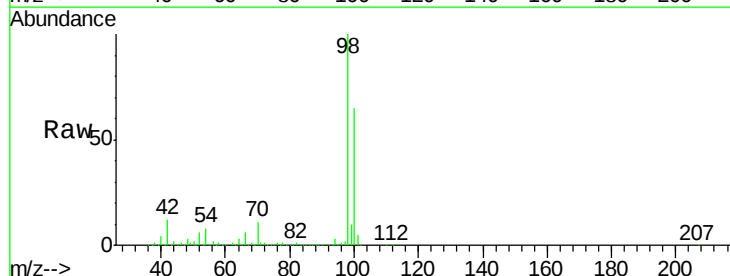
Abundance Ion 43.00 (42.70 to 43.70): VN054076.D (-1894) (-)



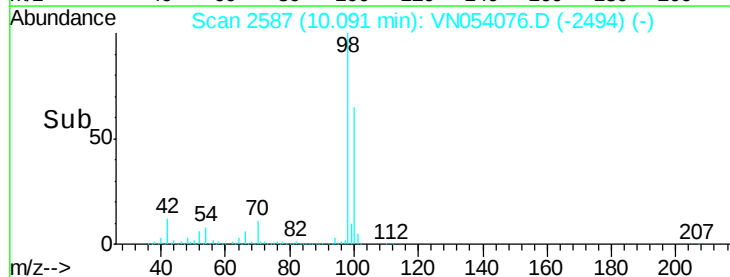
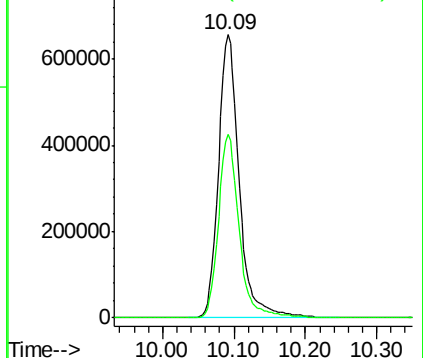
#50

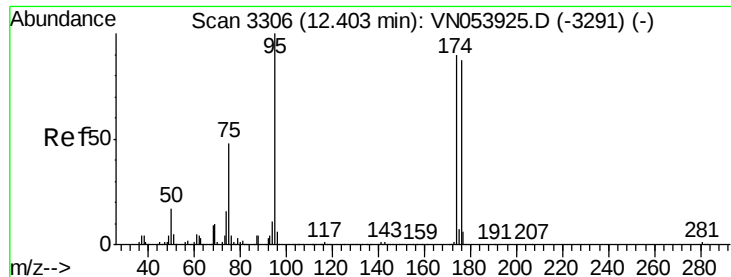
Toluene-d8
 Concen: 52.481 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054076.D
 Acq: 4 Mar 2019 20:01

Tgt Ion	98	100
Resp	1323903	
Ratio	100	64.6
Lower		51.9
Upper		77.9



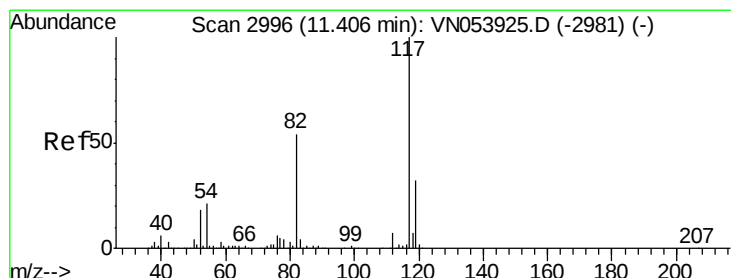
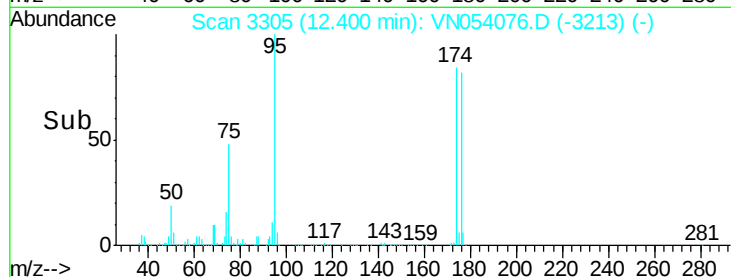
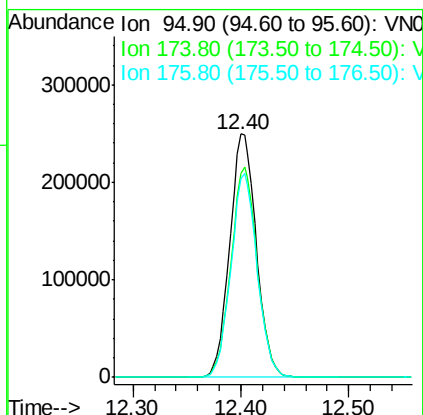
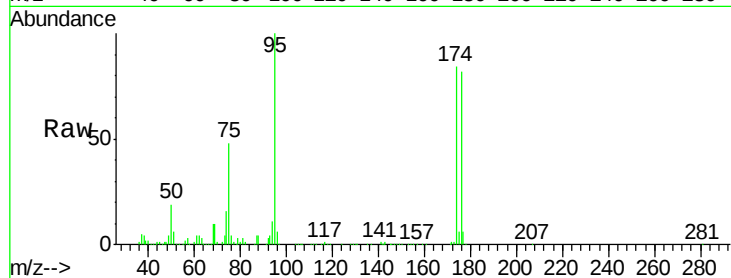
Abundance Ion 98.00 (97.70 to 98.70): VN054076.D (-2494) (-)





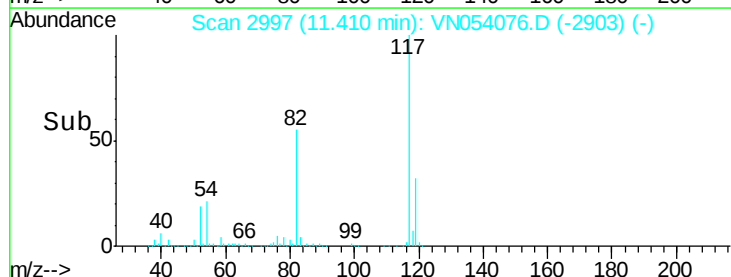
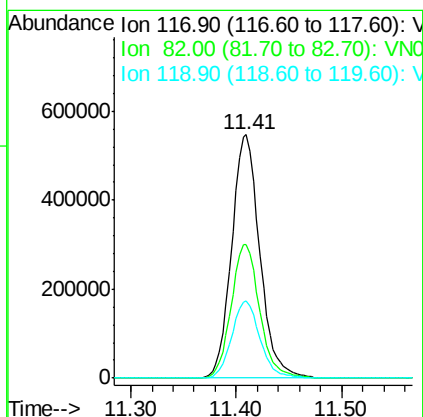
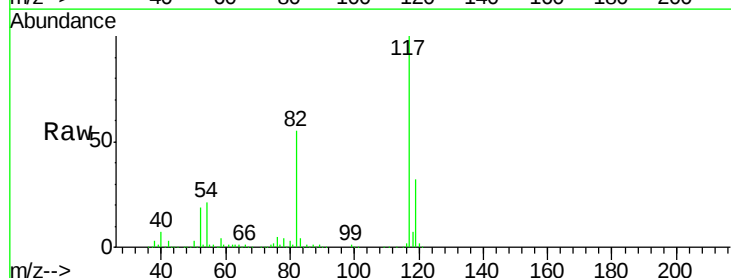
#62
4-Bromofluorobenzene
Concen: 51.141 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

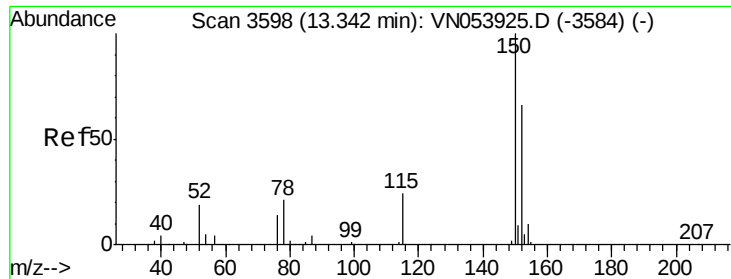
Tot Ion: 95 Resp: 429824
Ion Ratio Lower Upper
95 100
174 85.5 0.0 188.8
176 82.4 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tgt Ion: 117 Resp: 1009812
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.2
119 31.7 25.3 37.9

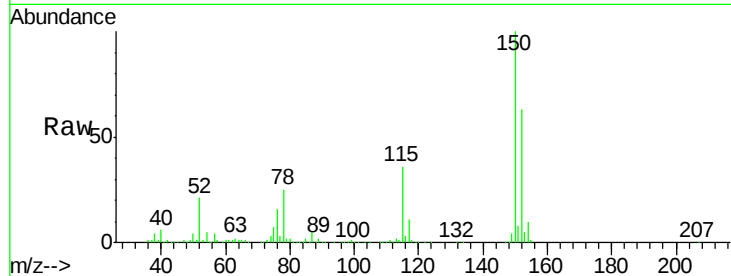




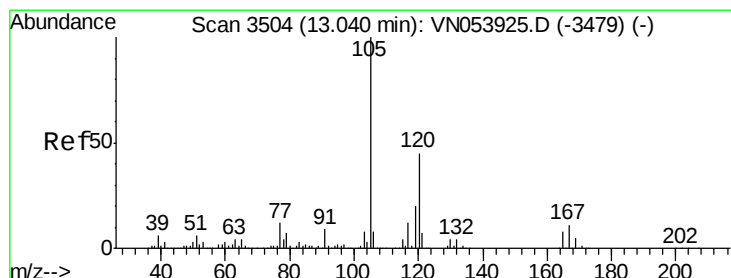
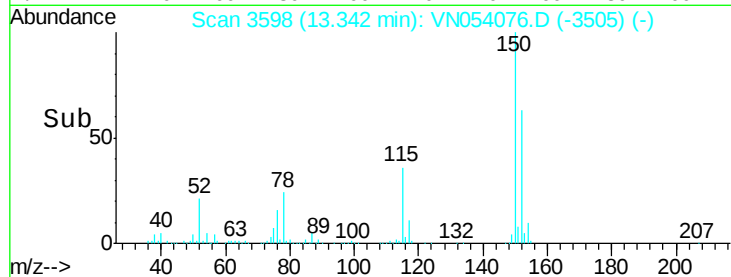
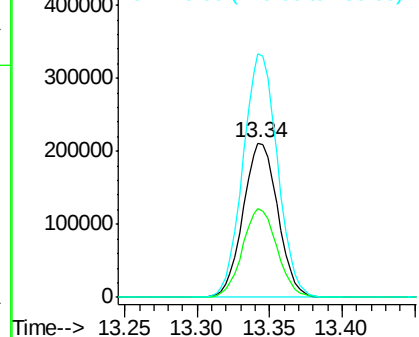
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.2	81.6
150	157.2	0.0	348.2



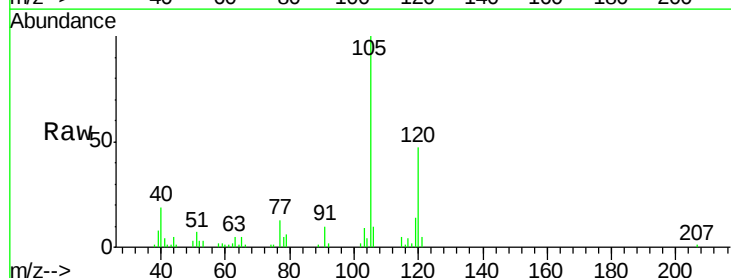
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



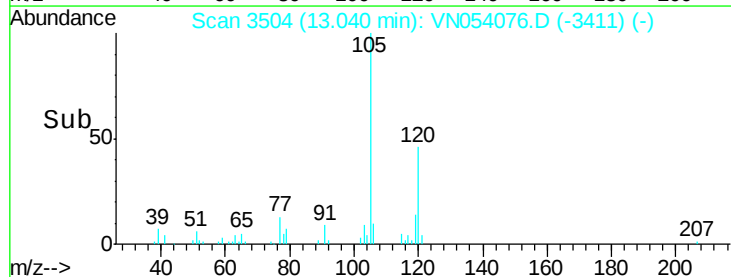
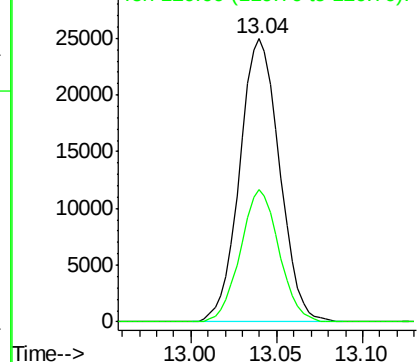
#84

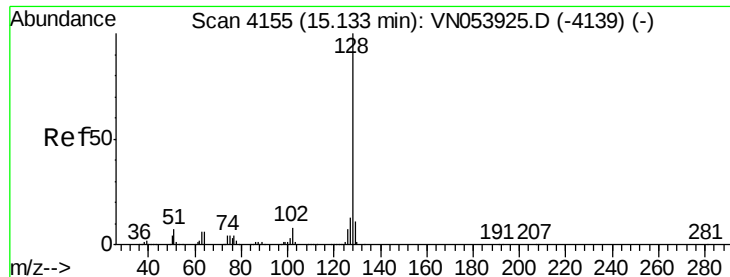
1,2,4-Trimethylbenzene
Concen: 1.792 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.2	69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 4.018 ug/l

RT: 15.13 min Scan# 4155

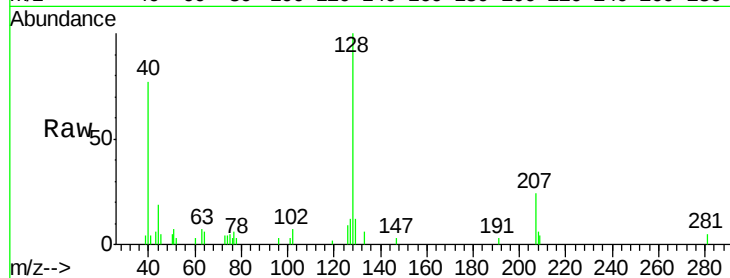
Delta R.T. 0.00 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

Tot Ion:128 Resp: 11995

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.2
129	13.2	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

