

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054085.D
 Acq On : 5 Mar 2019 00:02
 Operator : JC/SP
 Sample : K1712-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

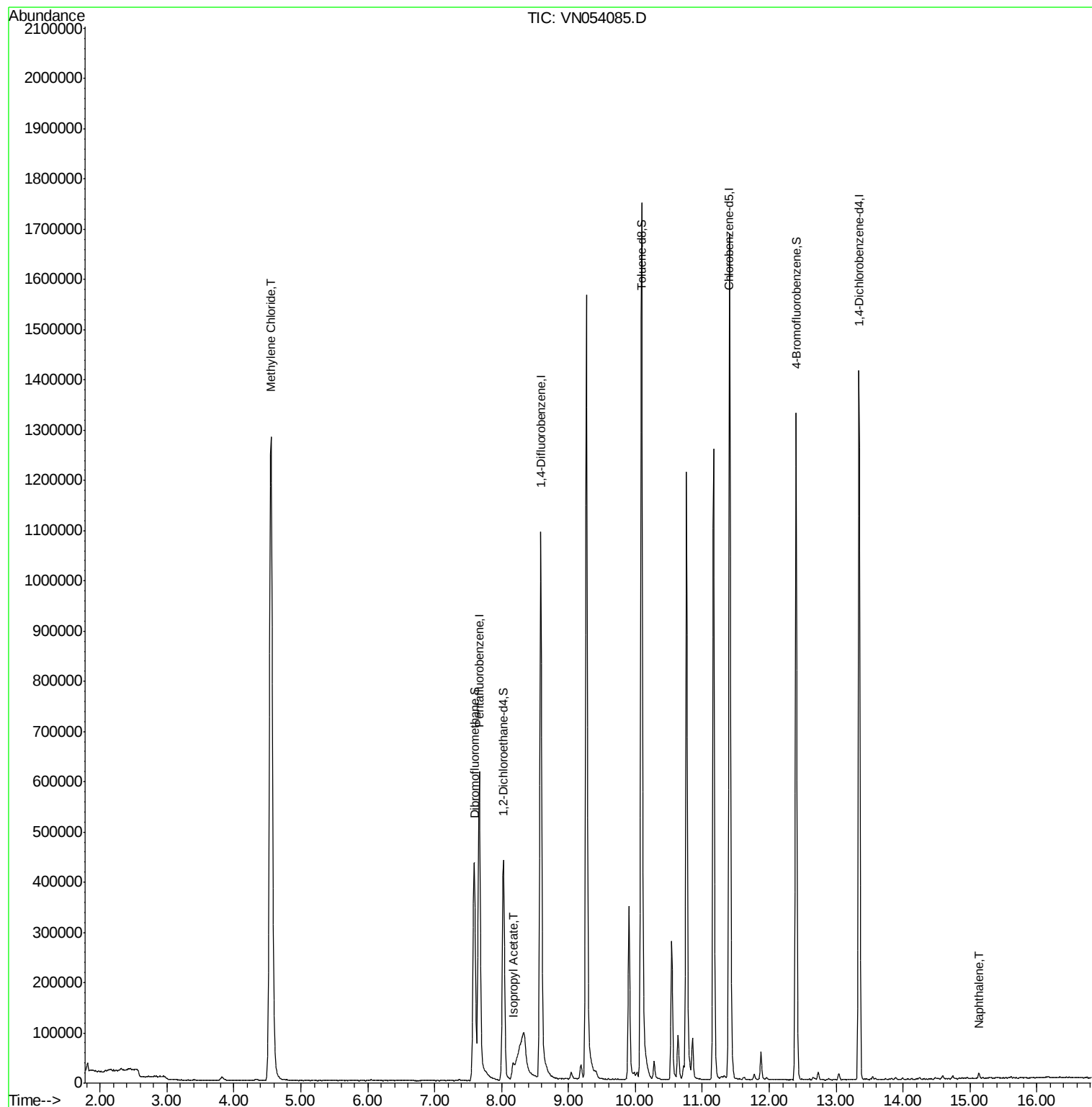
Quant Time: Mar 05 01:03:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

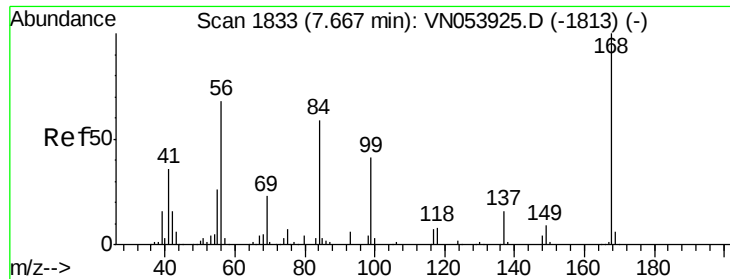
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	567981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1055492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	395274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384987	57.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.64%	
35) Dibromofluoromethane	7.59	113	340718	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.09	98	1361526	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.40	95	458211	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
Target Compounds						
20) Methylene Chloride	4.55	84	995047	151.002	ug/l	91
43) Isopropyl Acetate	8.17	43	42034	3.567	ug/l #	84
95) Naphthalene	15.14	128	9984	3.809	ug/l	98

(#) = 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: VN054085.D

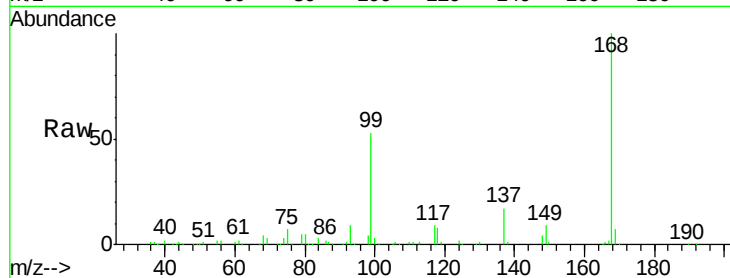
Acq: 5 Mar 2019 00:02

Tot Ion:168 Resp: 567981

Ion Ratio Lower Upper

168 100

99 53.2 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

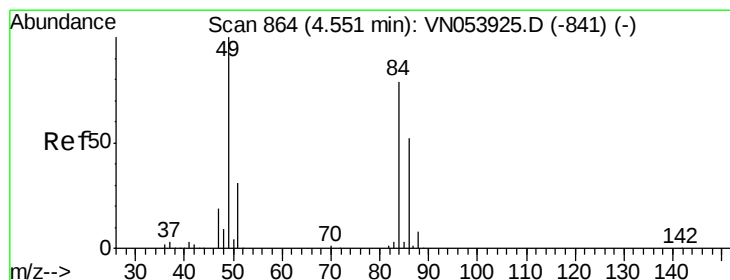
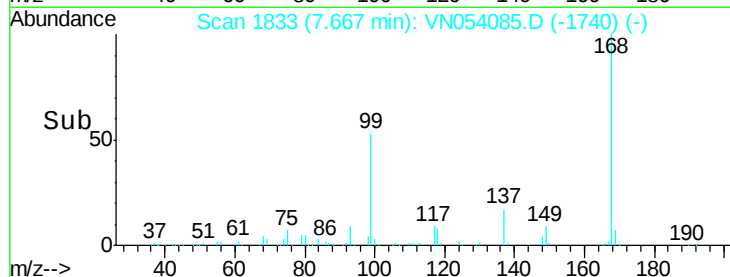
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 151.002 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054085.D

Acq: 5 Mar 2019 00:02

Tgt Ion: 84 Resp: 995047

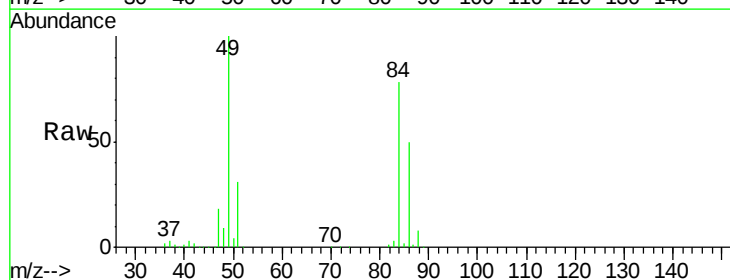
Ion Ratio Lower Upper

84 100

49 128.2 89.7 134.5

51 39.4 27.8 41.8

86 63.9 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

600000

500000

400000

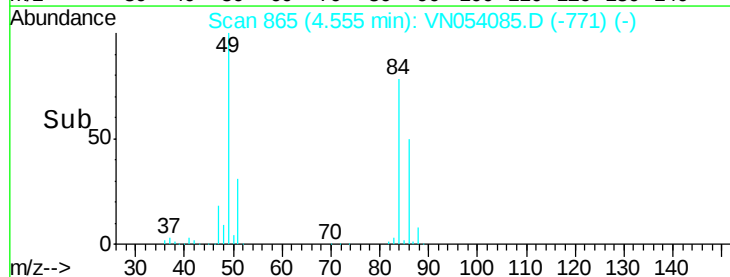
300000

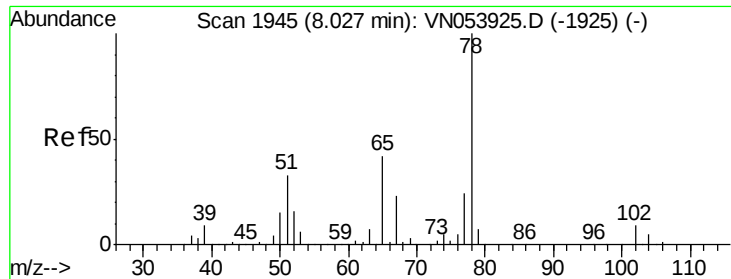
200000

100000

0

Time--> 4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 57.823 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054085.D

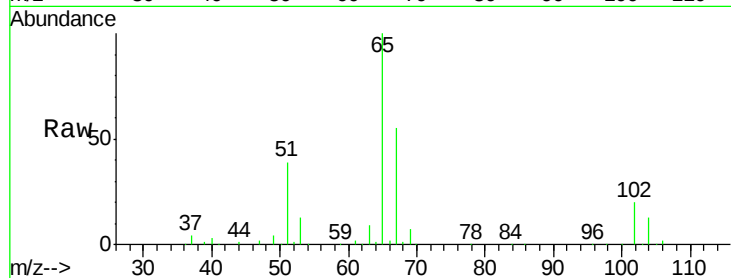
Acq: 5 Mar 2019 00:02

Tot Ion: 65 Resp: 384987

Ion Ratio Lower Upper

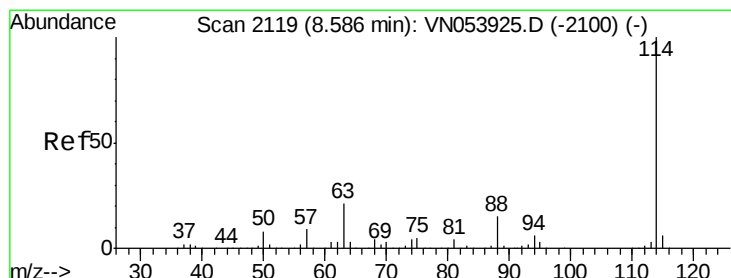
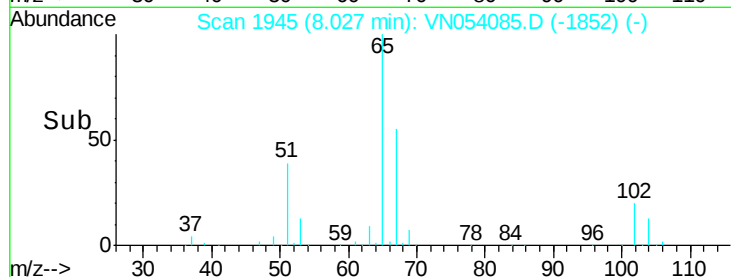
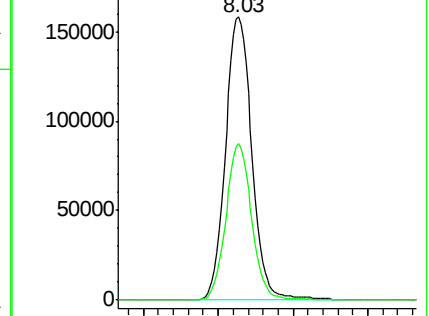
65 100

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: VN054085.D

Acq: 5 Mar 2019 00:02

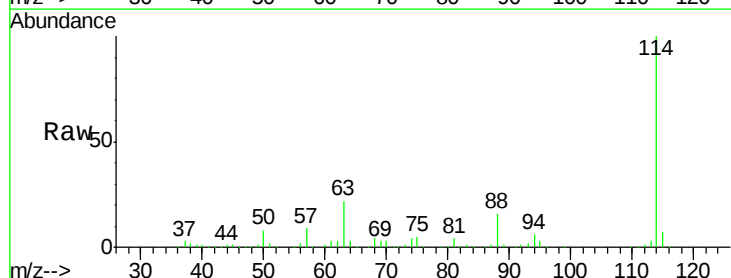
Tgt Ion: 114 Resp: 1051059

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

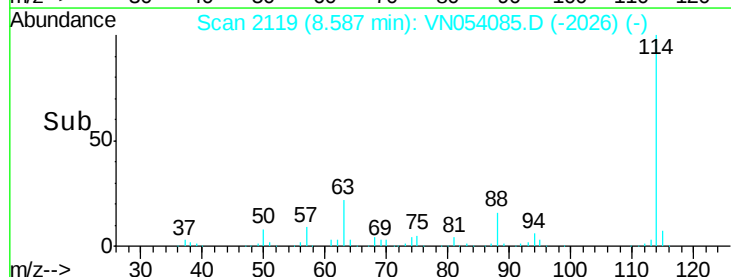
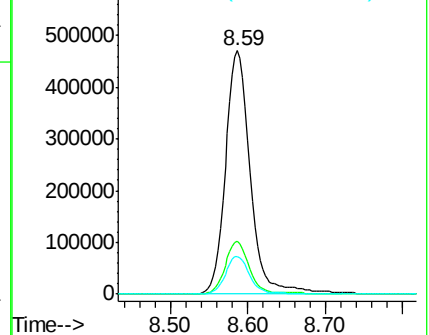
88 15.6 0.0 30.4

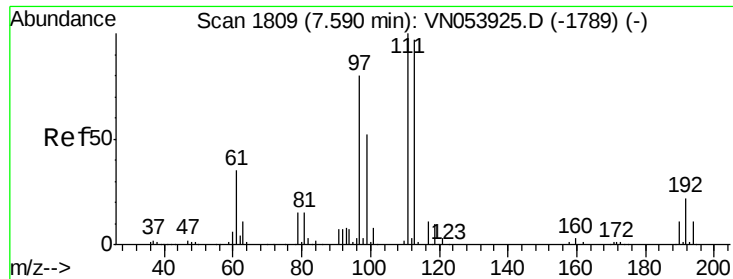


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

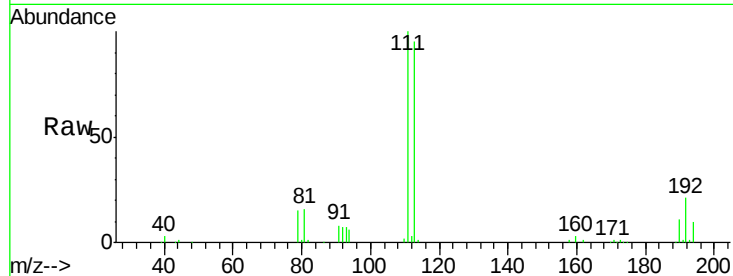
Ion 87.90 (87.60 to 88.60): VN0



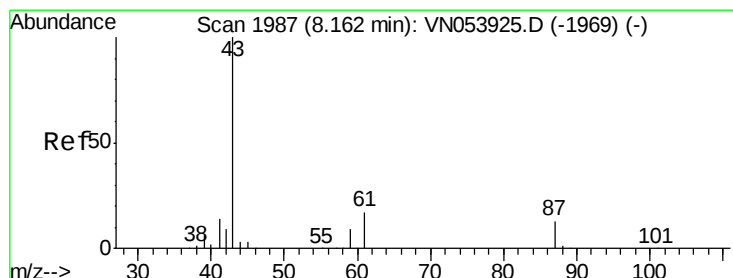
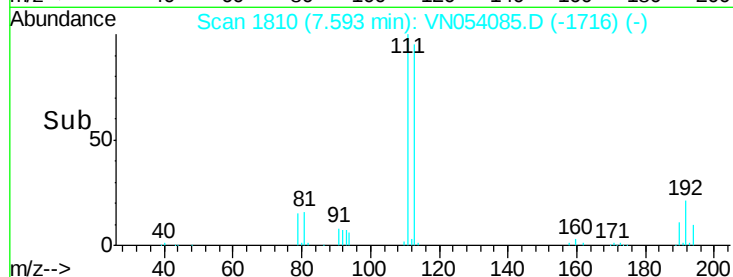
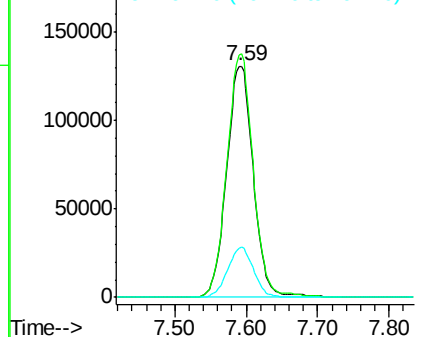


#35
 Dibromofluoromethane
 Concen: 50.130 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054085.D
 Acq: 5 Mar 2019 00:02

Tot Ion:113 Resp: 340718
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.1 121.7
 192 20.9 18.8 28.2

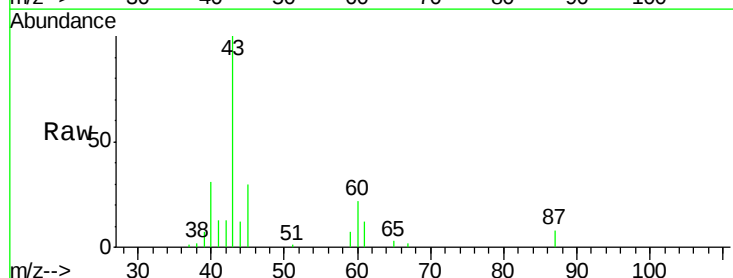


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

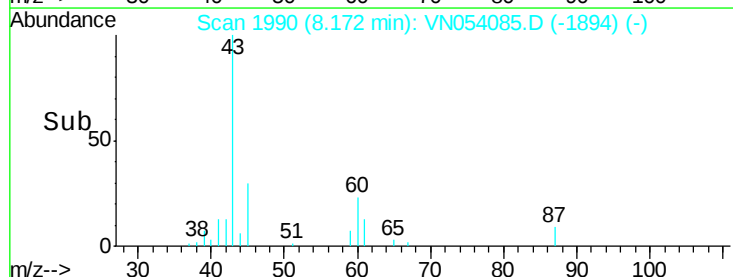
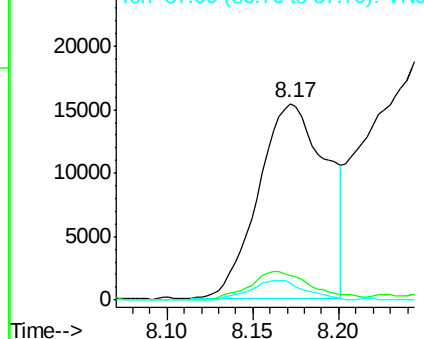


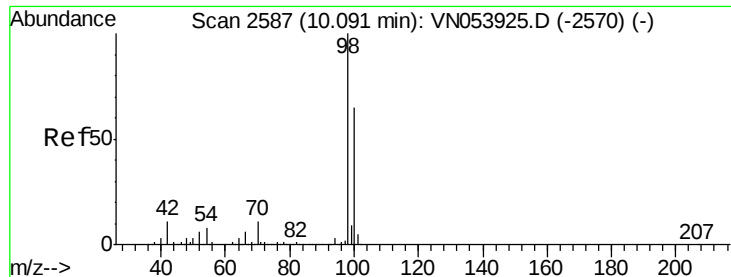
#43
 Isopropyl Acetate
 Concen: 3.567 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054085.D
 Acq: 5 Mar 2019 00:02

Tgt Ion: 43 Resp: 42034
 Ion Ratio Lower Upper
 43 100
 61 13.5 17.4 26.0#
 87 8.2 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 53.812 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054085.D

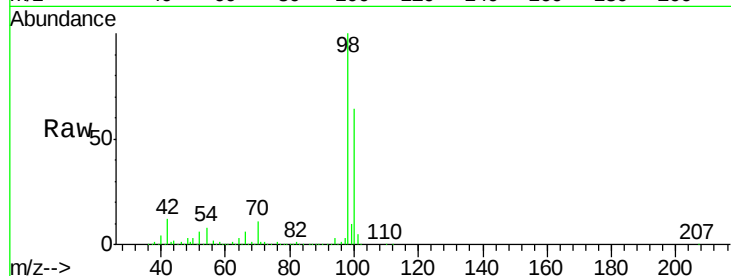
Acq: 5 Mar 2019 00:02

Tot Ion: 98 Resp: 1361526

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)

10.09

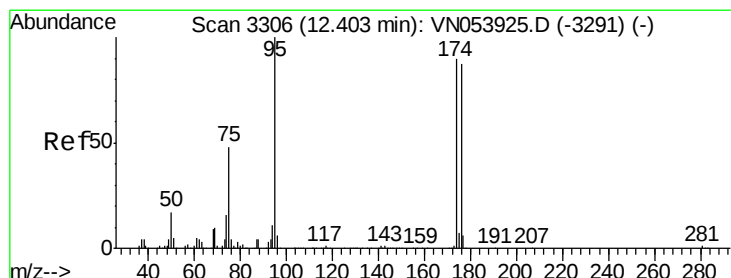
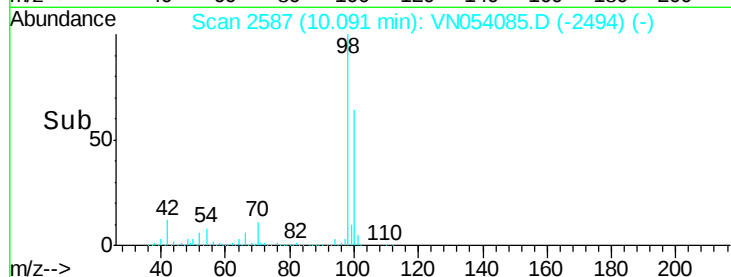
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.357 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054085.D

Acq: 5 Mar 2019 00:02

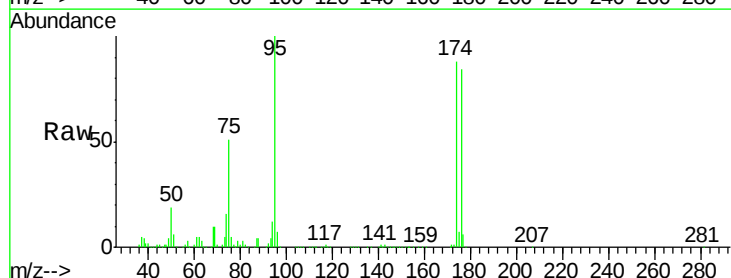
Tgt Ion: 95 Resp: 458211

Ion Ratio Lower Upper

95 100

174 88.0 0.0 188.8

176 84.4 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

12.40

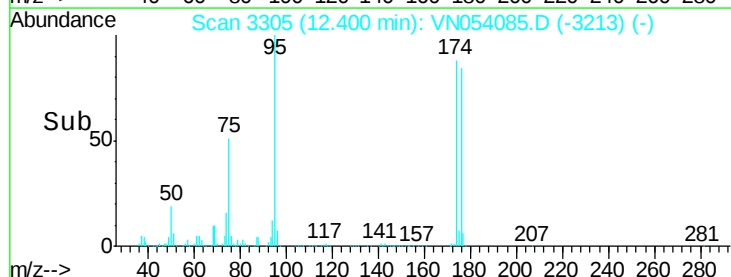
300000

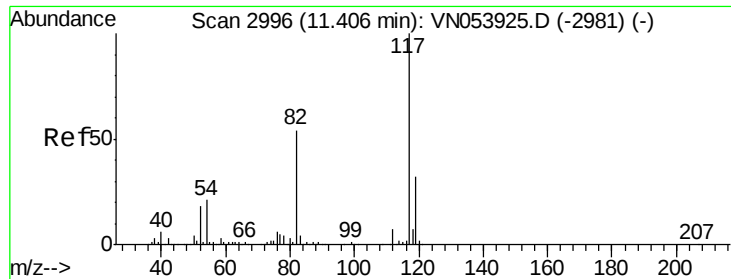
200000

100000

0

Time-->

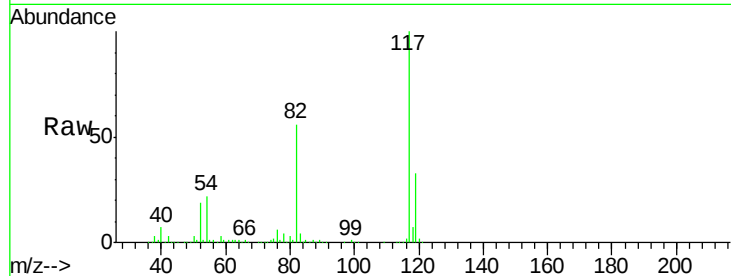




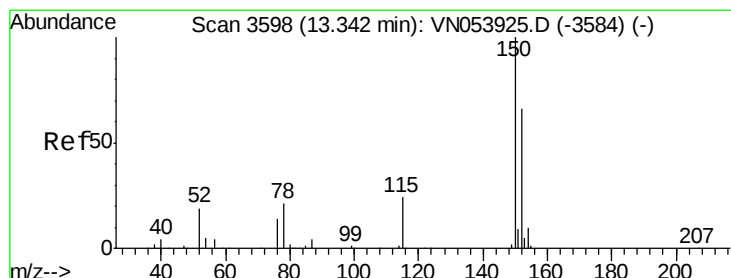
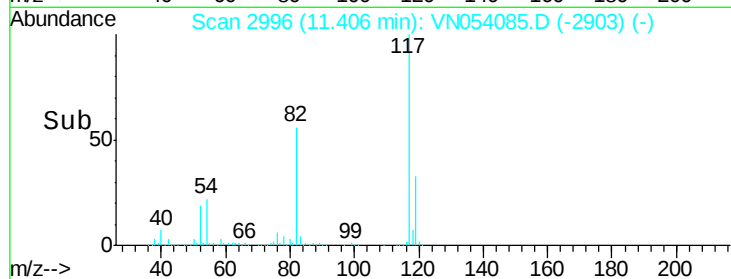
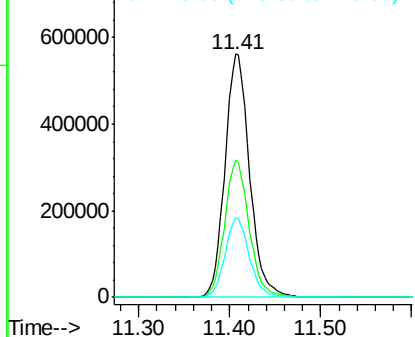
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054085.D
Acq: 5 Mar 2019 00:02

Tot Ion:117 Resp: 1055492

Ion	Ratio	Lower	Upper
117	100		
82	56.4	41.4	62.2
119	32.6	25.3	37.9



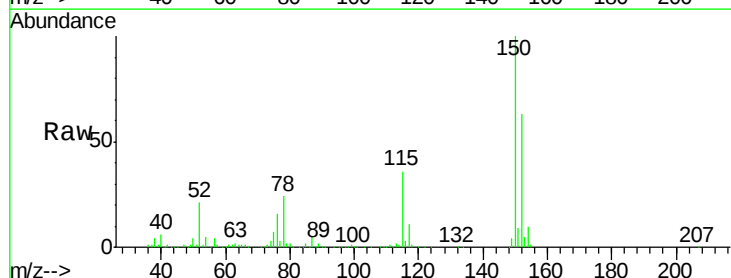
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



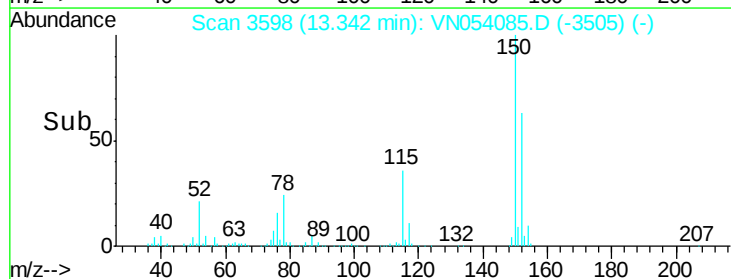
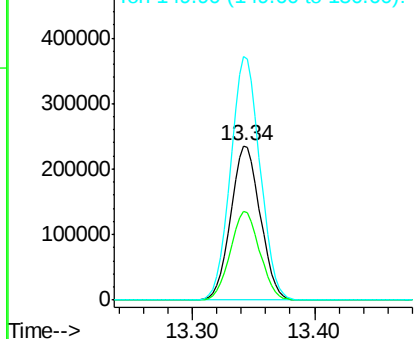
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054085.D
Acq: 5 Mar 2019 00:02

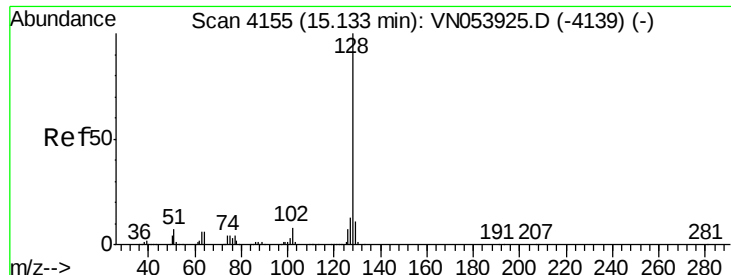
Tgt Ion:152 Resp: 395274

Ion	Ratio	Lower	Upper
152	100		
115	57.3	27.2	81.6
150	157.4	0.0	348.2



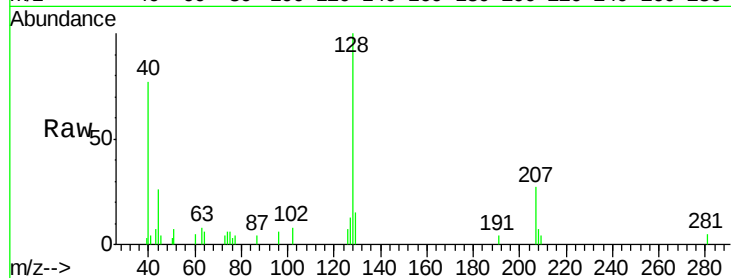
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
 Naphthalene
 Concen: 3.809 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN054085.D
 Acq: 5 Mar 2019 00:02

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	10.3	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

