

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054065.D
 Acq On : 4 Mar 2019 14:59
 Operator : JC/SP
 Sample : VN0304WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 00:09:37 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	7.66	168	522330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	988379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	961084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	334623	50.00	ug/l	0.00

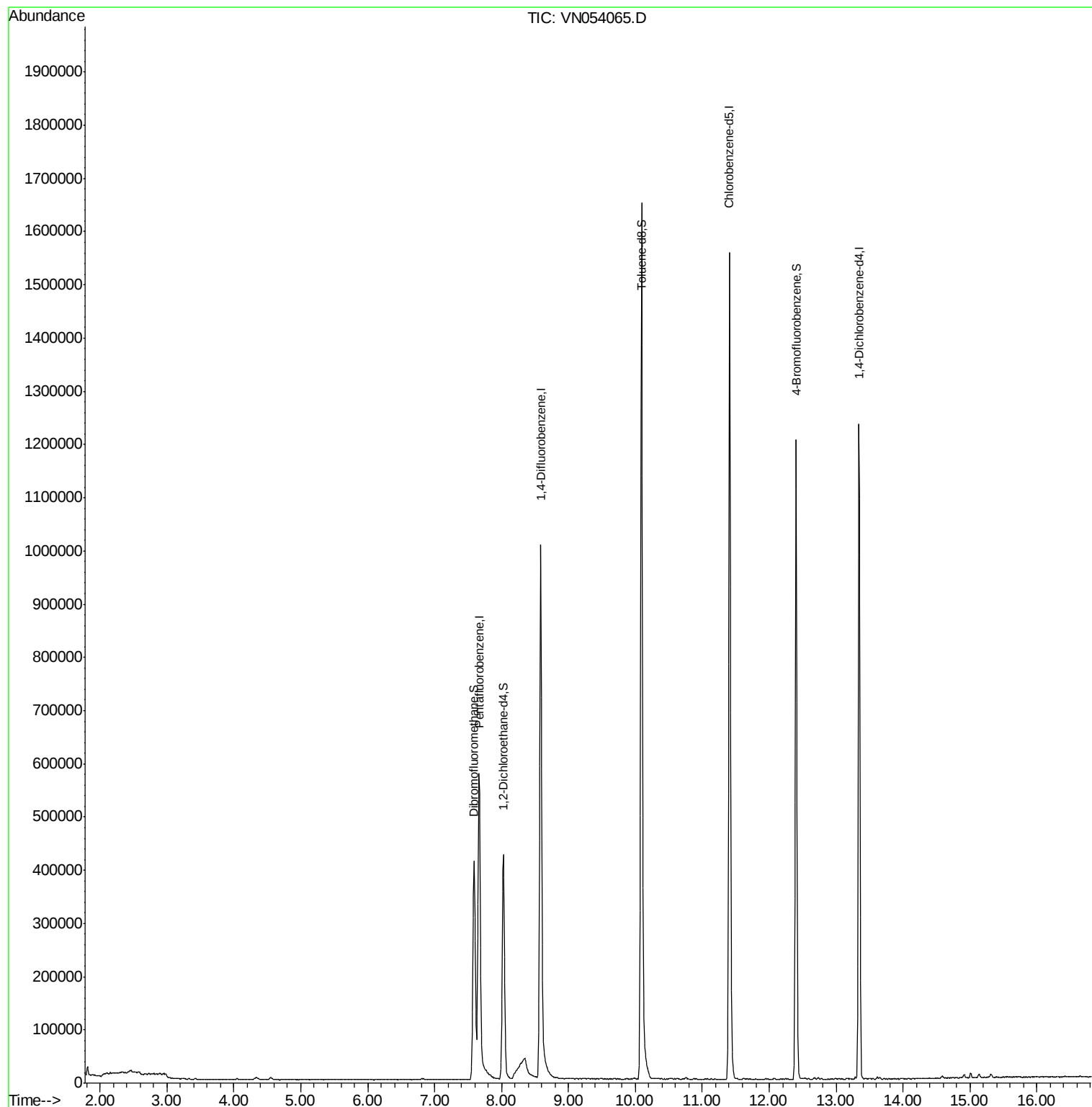
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	363895	59.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.86%	
35) Dibromofluoromethane	7.59	113	324516	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	10.09	98	1262097	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.40	95	412075	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

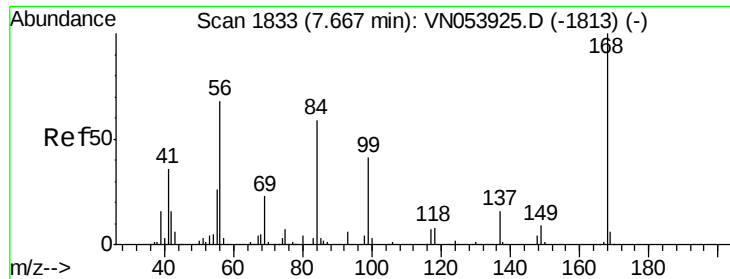
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054065.D

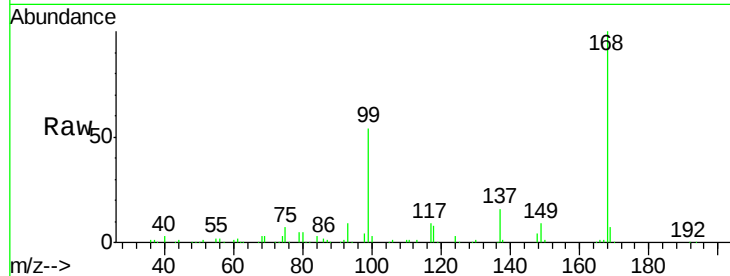
Acq: 4 Mar 2019 14:59

Tot Ion:168 Resp: 522330

Ion Ratio Lower Upper

168 100

99 54.2 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053925.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053925.D (-1813) (-)

7.66

200000

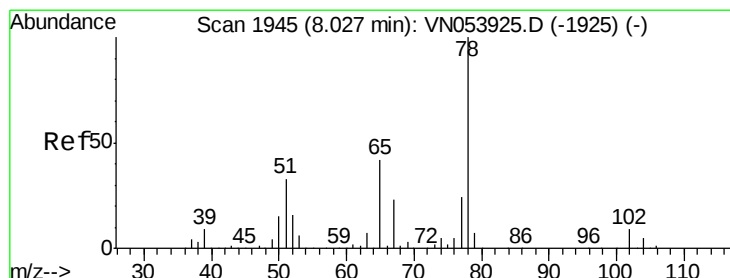
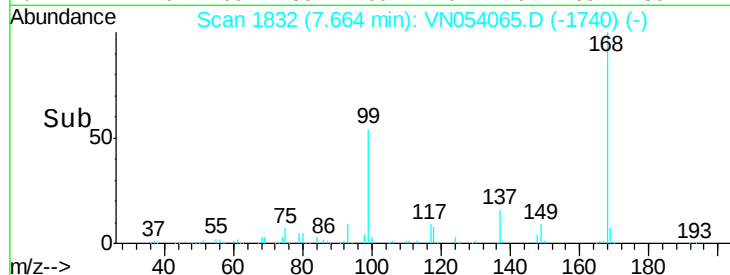
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.432 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054065.D

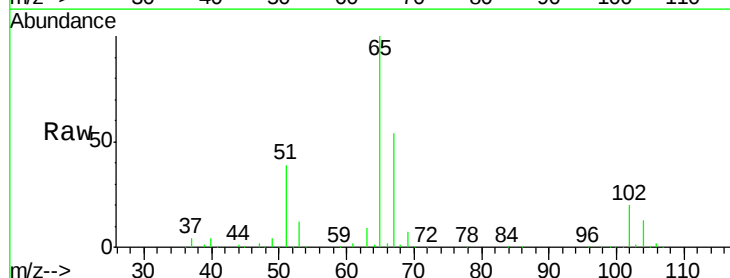
Acq: 4 Mar 2019 14:59

Tgt Ion: 65 Resp: 363895

Ion Ratio Lower Upper

65 100

67 53.8 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053925.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053925.D (-1925) (-)

8.03

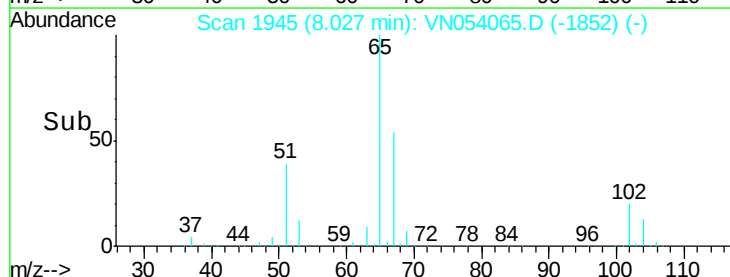
150000

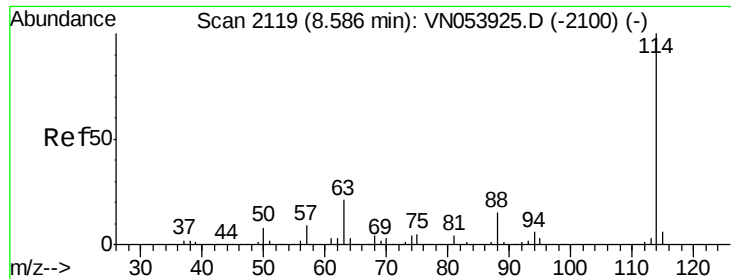
100000

50000

0

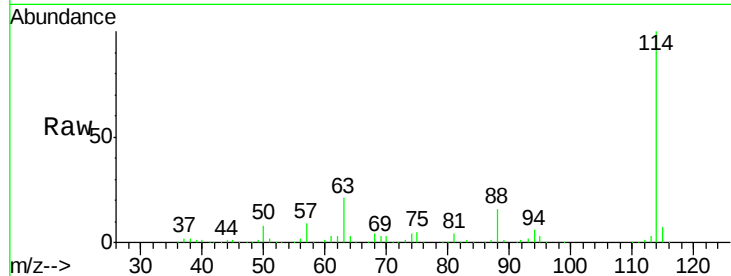
Time-->



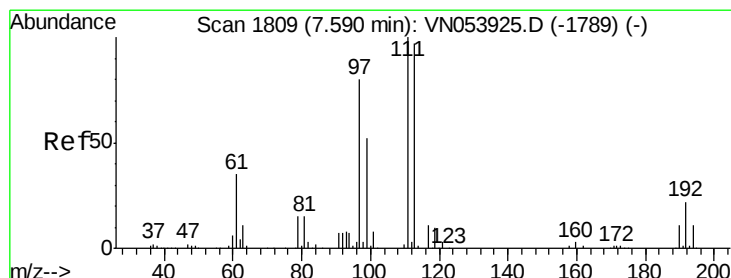
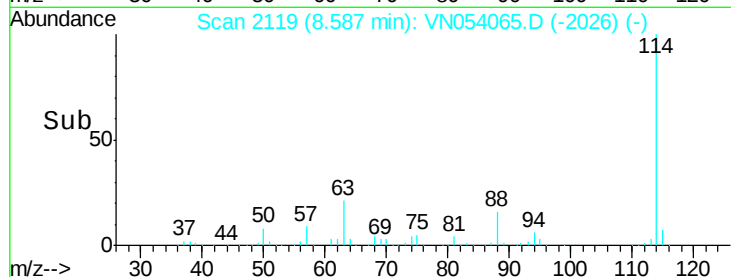
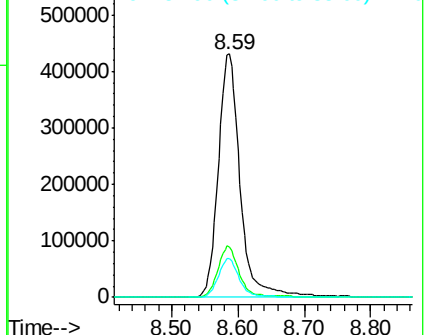


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054065.D
Acq: 4 Mar 2019 14:59

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	37.4
88	15.9	0.0	30.4

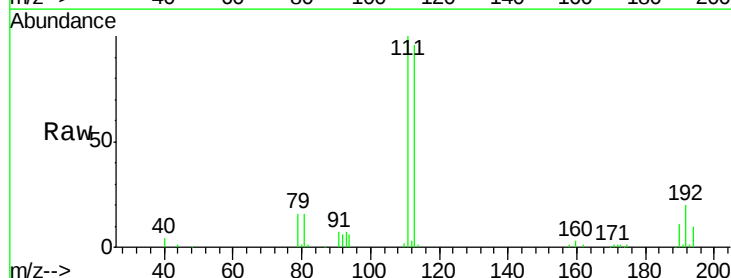


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

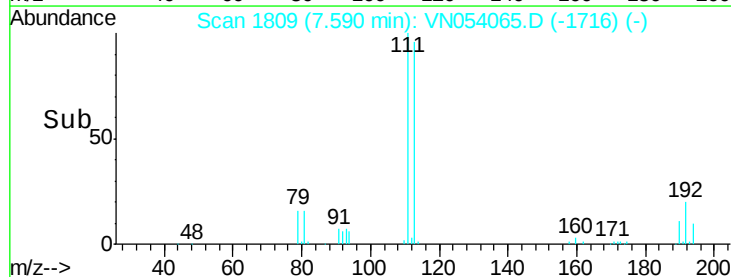
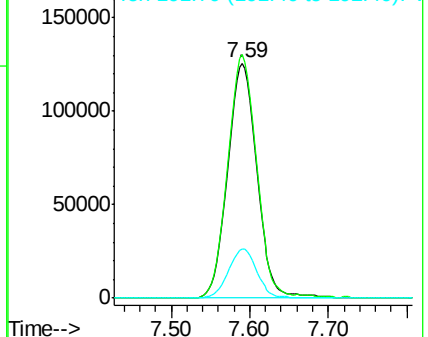


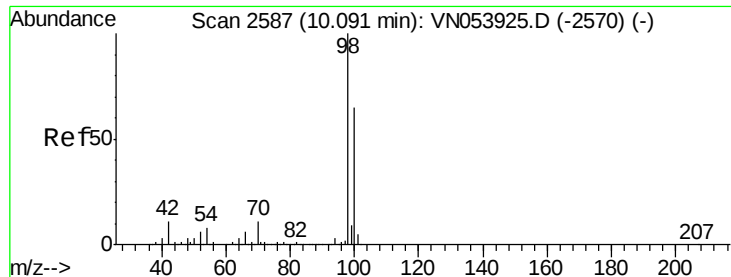
#35
Dibromofluoromethane
Concen: 50.774 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054065.D
Acq: 4 Mar 2019 14:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	20.5	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





#50

Toluene-d8

Concen: 53.046 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054065.D

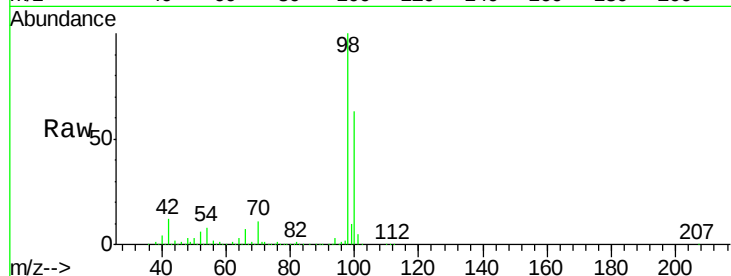
Acq: 4 Mar 2019 14:59

Tot Ion: 98 Resp: 1262097

Ion Ratio Lower Upper

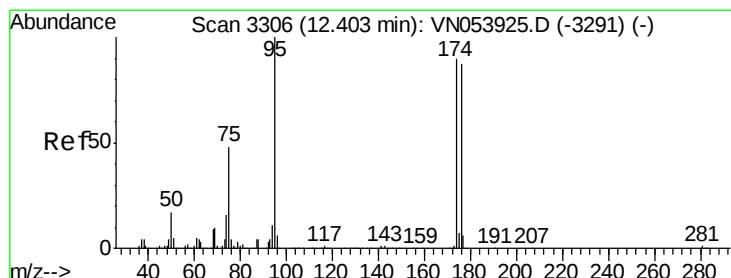
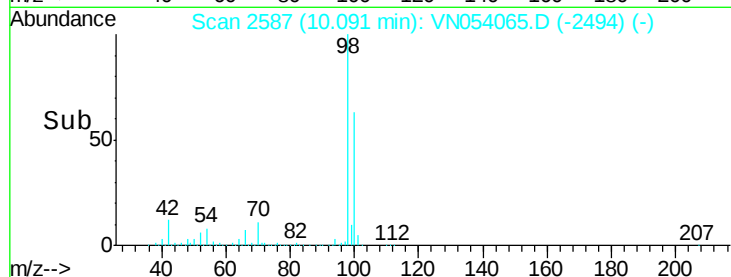
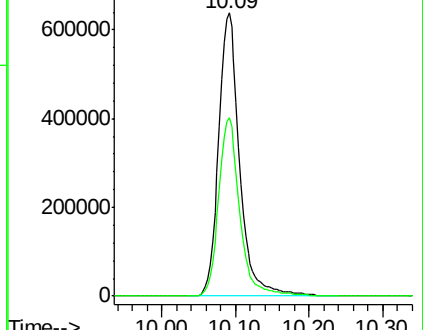
98 100

100 63.4 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) (-)



#62

4-Bromofluorobenzene

Concen: 51.984 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054065.D

Acq: 4 Mar 2019 14:59

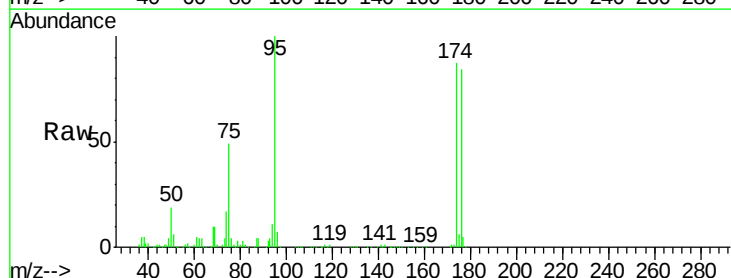
Tgt Ion: 95 Resp: 412075

Ion Ratio Lower Upper

95 100

174 87.4 0.0 188.8

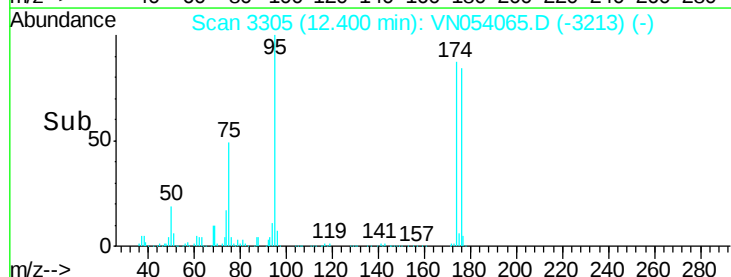
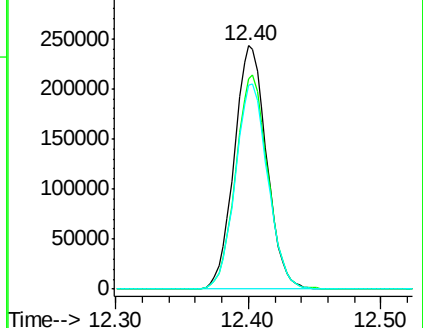
176 84.5 0.0 182.6

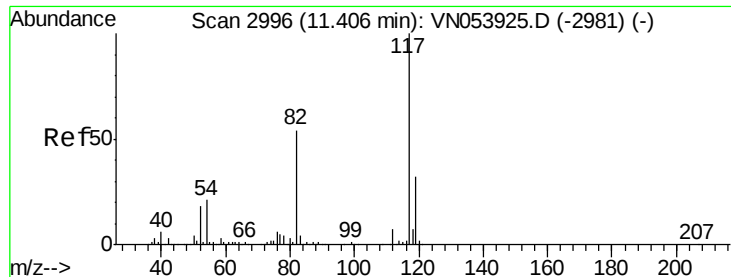


Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

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

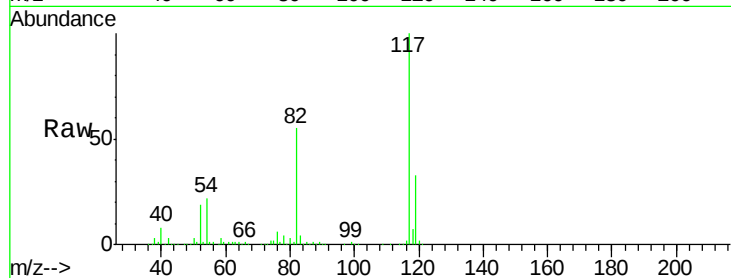
Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



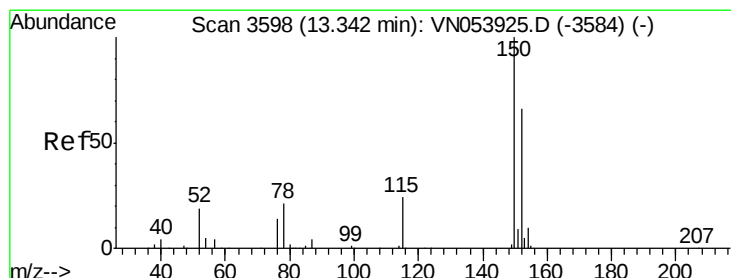
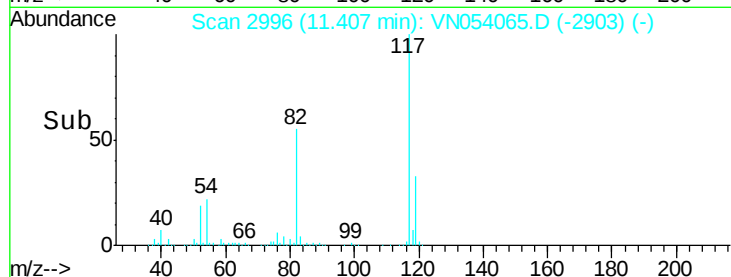
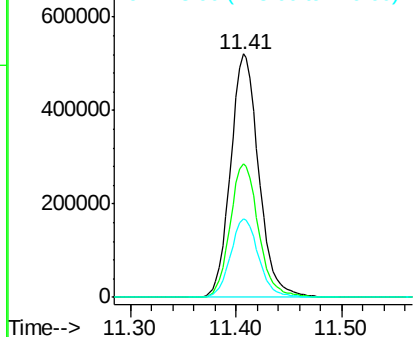


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054065.D
Acq: 4 Mar 2019 14:59

Tot Ion:117 Resp: 961084
Ion Ratio Lower Upper
117 100
82 55.1 41.4 62.2
119 32.5 25.3 37.9

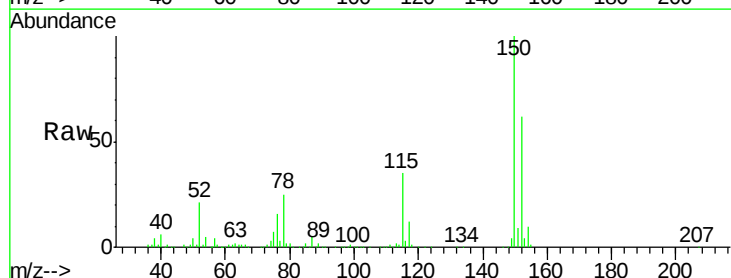


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054065.D
Acq: 4 Mar 2019 14:59

Tgt Ion:152 Resp: 334623
Ion Ratio Lower Upper
152 100
115 57.1 27.2 81.6
150 159.7 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

