

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053169.D
 Acq On : 23 Dec 2018 8:20
 Operator : MD\SY
 Sample : J6448-02
 Misc : 6.29g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 49 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S72-0054

Quant Time: Dec 24 01:30:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

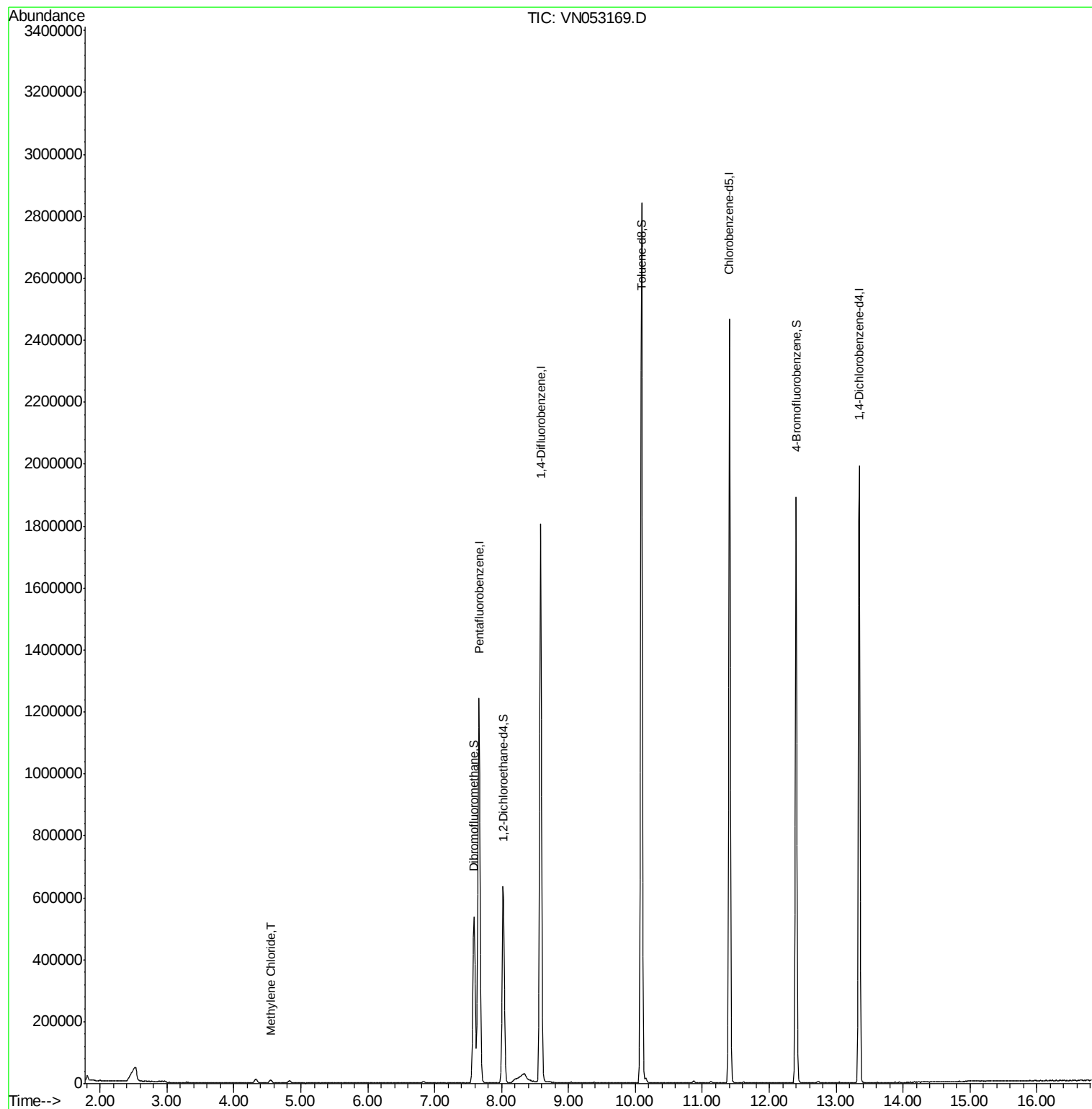
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1094989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1677505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1491581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	583509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	527878	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	7.59	113	418397	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
50) Toluene-d8	10.09	98	2060649	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	662910	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
20) Methylene Chloride	4.55	84	7425	0.625	ug/l	Qvalue 87

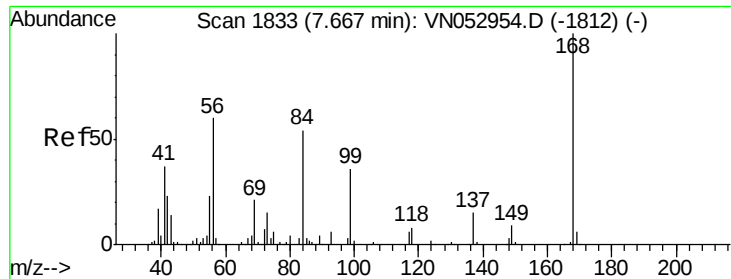
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

Instrument :

MSVOA_N

ClientSampleId :

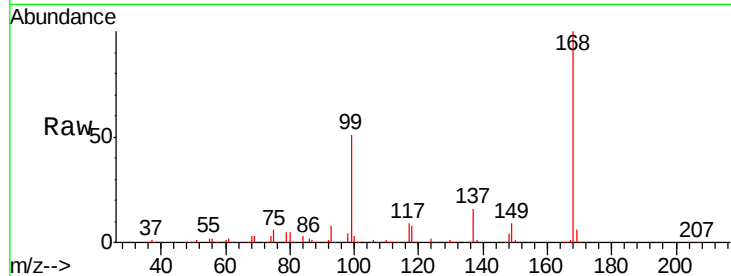
S72-0054

Tgt Ion:168 Resp: 1094989

Ion Ratio Lower Upper

168 100

99 50.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

500000

400000

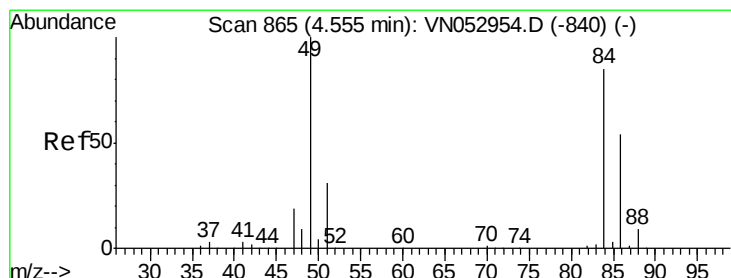
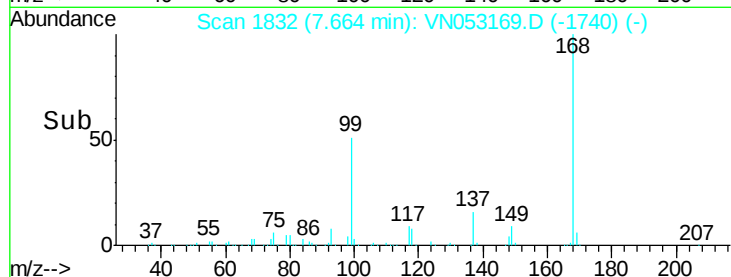
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 0.625 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

Tgt Ion: 84 Resp: 7425

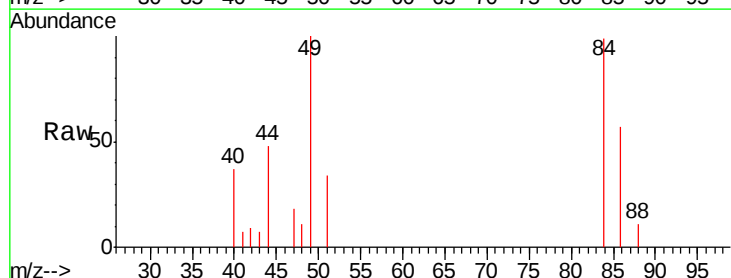
Ion Ratio Lower Upper

84 100

49 100.6 96.8 145.2

51 34.4 29.9 44.9

86 57.6 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4000

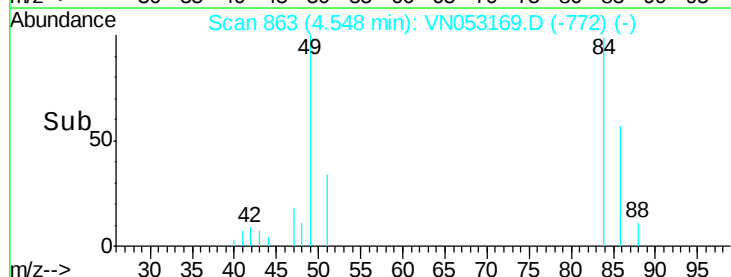
3000

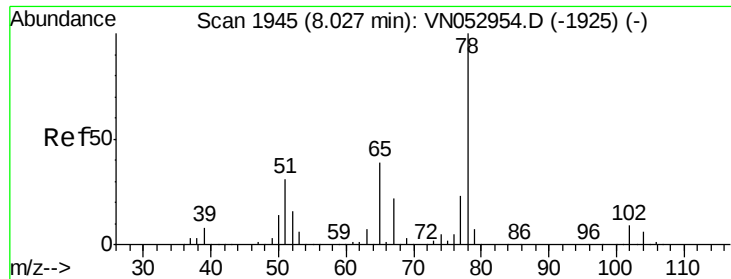
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

Instrument :

MSVOA_N

ClientSampled :

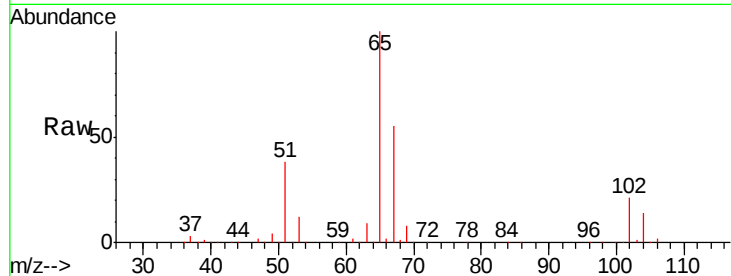
S72-0054

Tgt Ion: 65 Resp: 527878

Ion Ratio Lower Upper

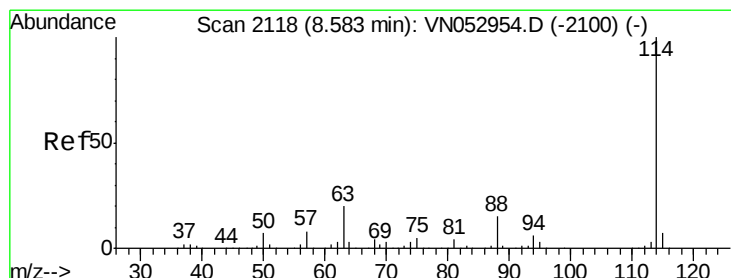
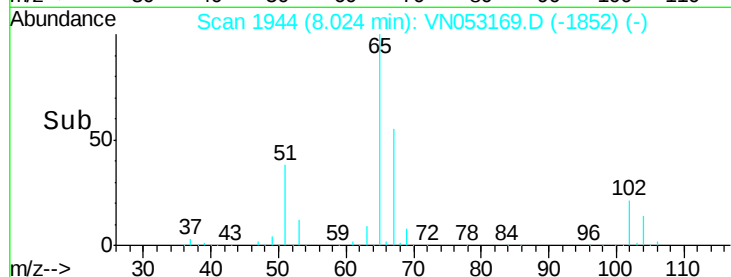
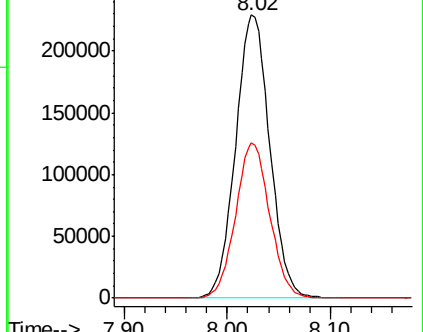
65 100

67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053169.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053169.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

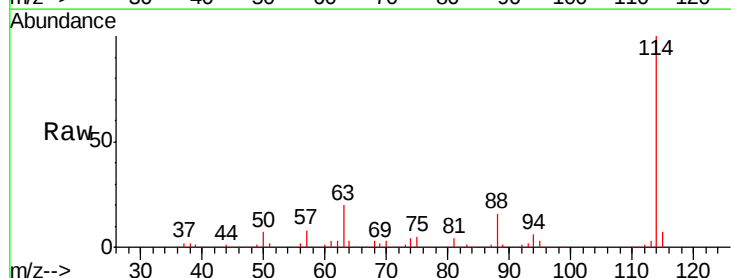
Tgt Ion: 114 Resp: 1677505

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

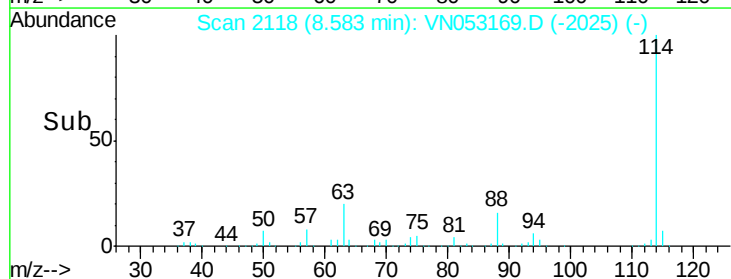
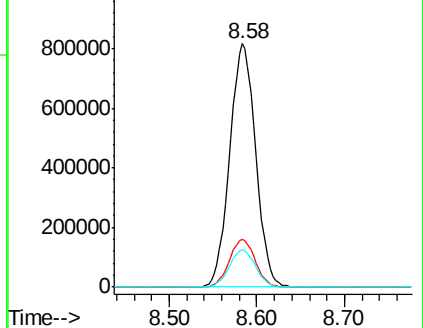
88 15.5 0.0 31.0

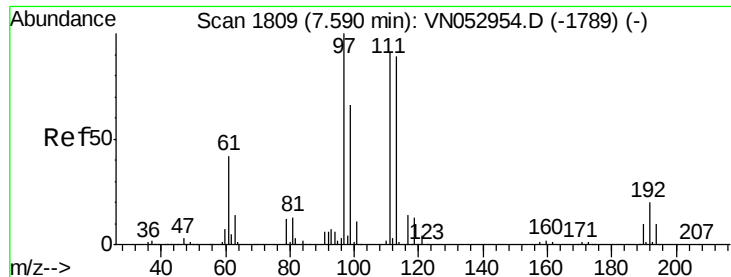


Abundance Ion 113.90 (113.60 to 114.60): VN053169.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN053169.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN053169.D (-2025) (-)

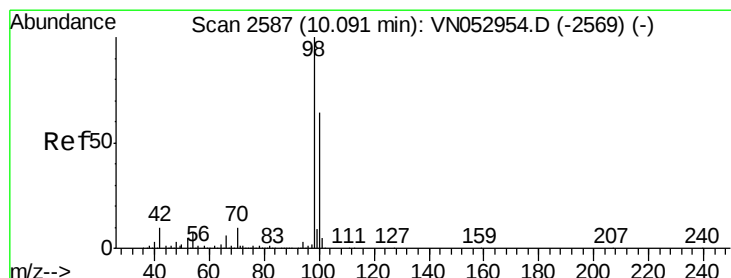
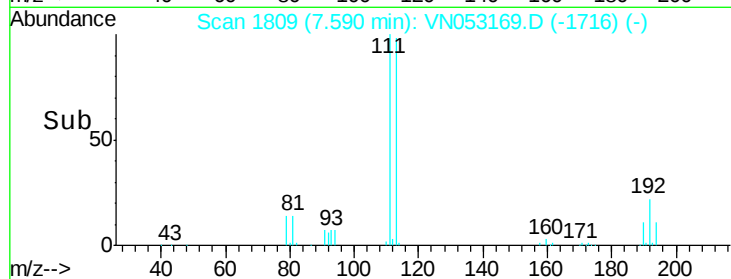
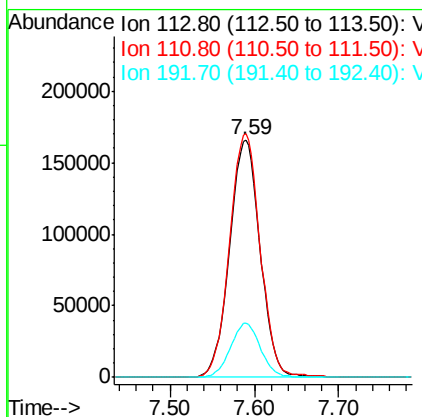
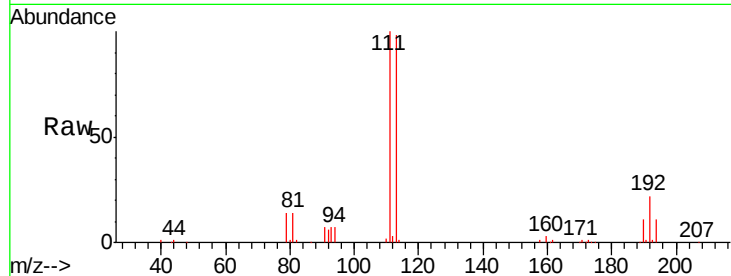




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053169.D
 Acq: 23 Dec 2018 8:20

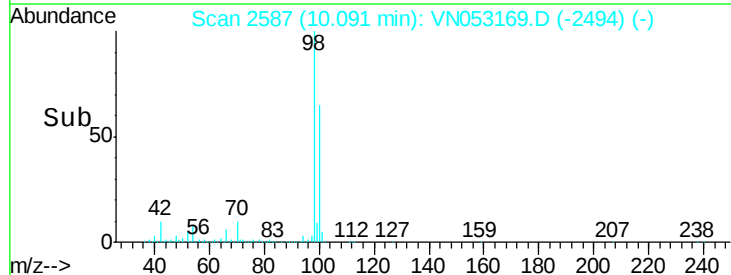
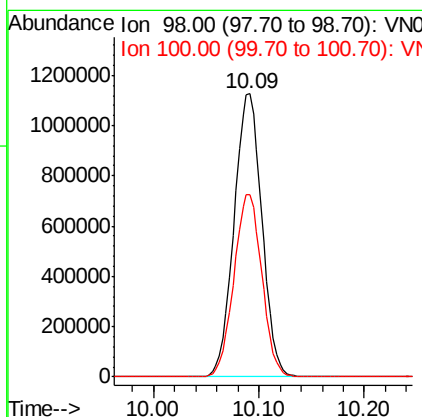
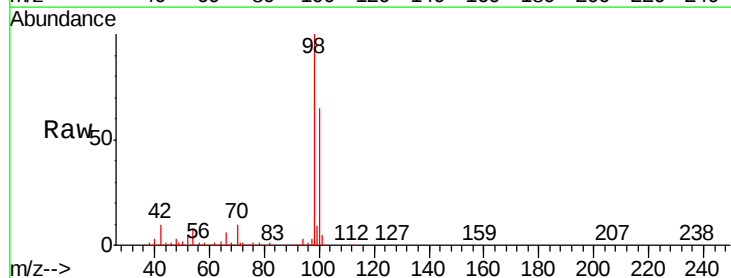
Instrument :
 MSVOA_N
 ClientSampleId :
 S72-0054

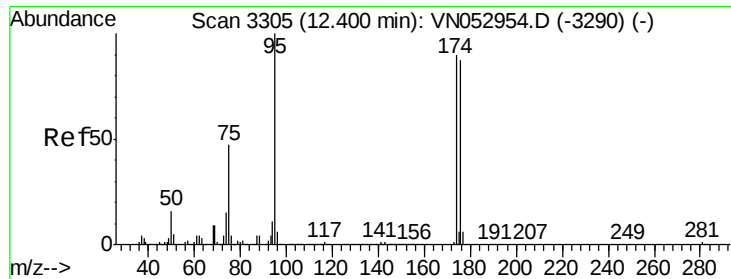
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.4
192	22.4	17.5	26.3



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN053169.D
 Acq: 23 Dec 2018 8:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

Instrument :

MSVOA_N

ClientSampleId :

S72-0054

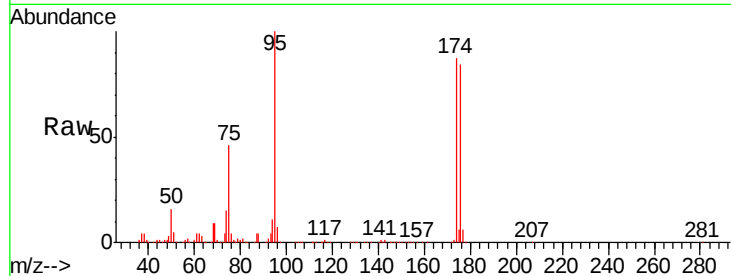
Tgt Ion: 95 Resp: 662910

Ion Ratio Lower Upper

95 100

174 88.4 0.0 178.8

176 86.2 0.0 173.8

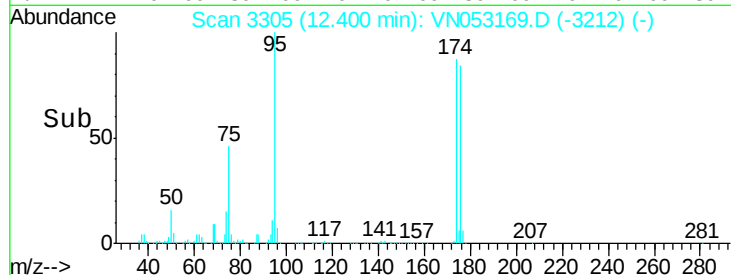


Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

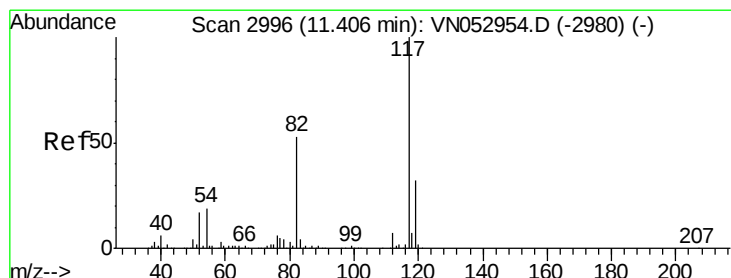
Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

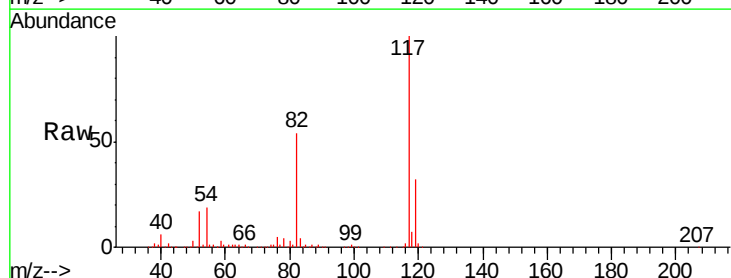
Tgt Ion: 117 Resp: 1491581

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

119 32.4 25.5 38.3

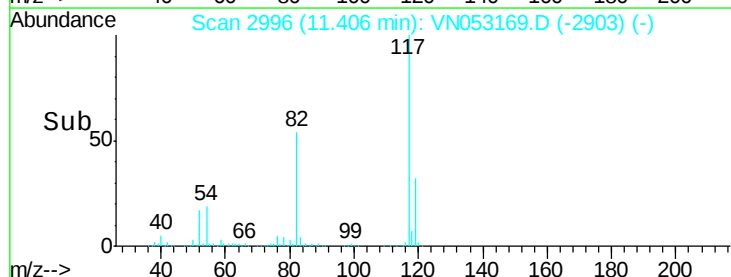


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

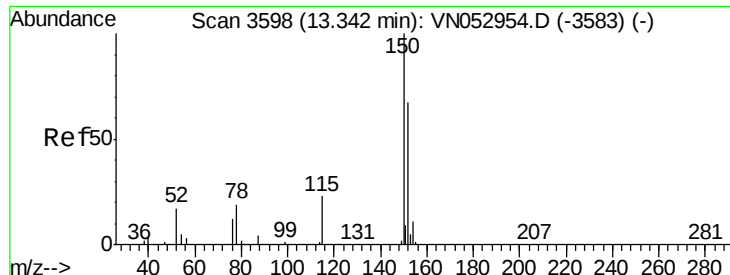
Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

Instrument :

MSVOA_N

ClientSampleId :

S72-0054

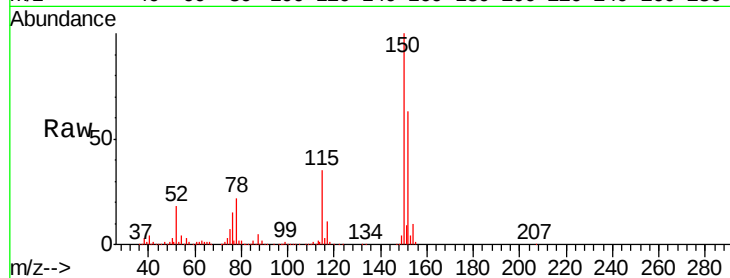
Tgt Ion:152 Resp: 583509

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

150 158.1 0.0 347.8



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

