

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059159.D
 Acq On : 11 Nov 2019 14:31
 Operator : JC/SP
 Sample : K5769-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-317D-SRI4

Quant Time: Nov 12 02:54:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

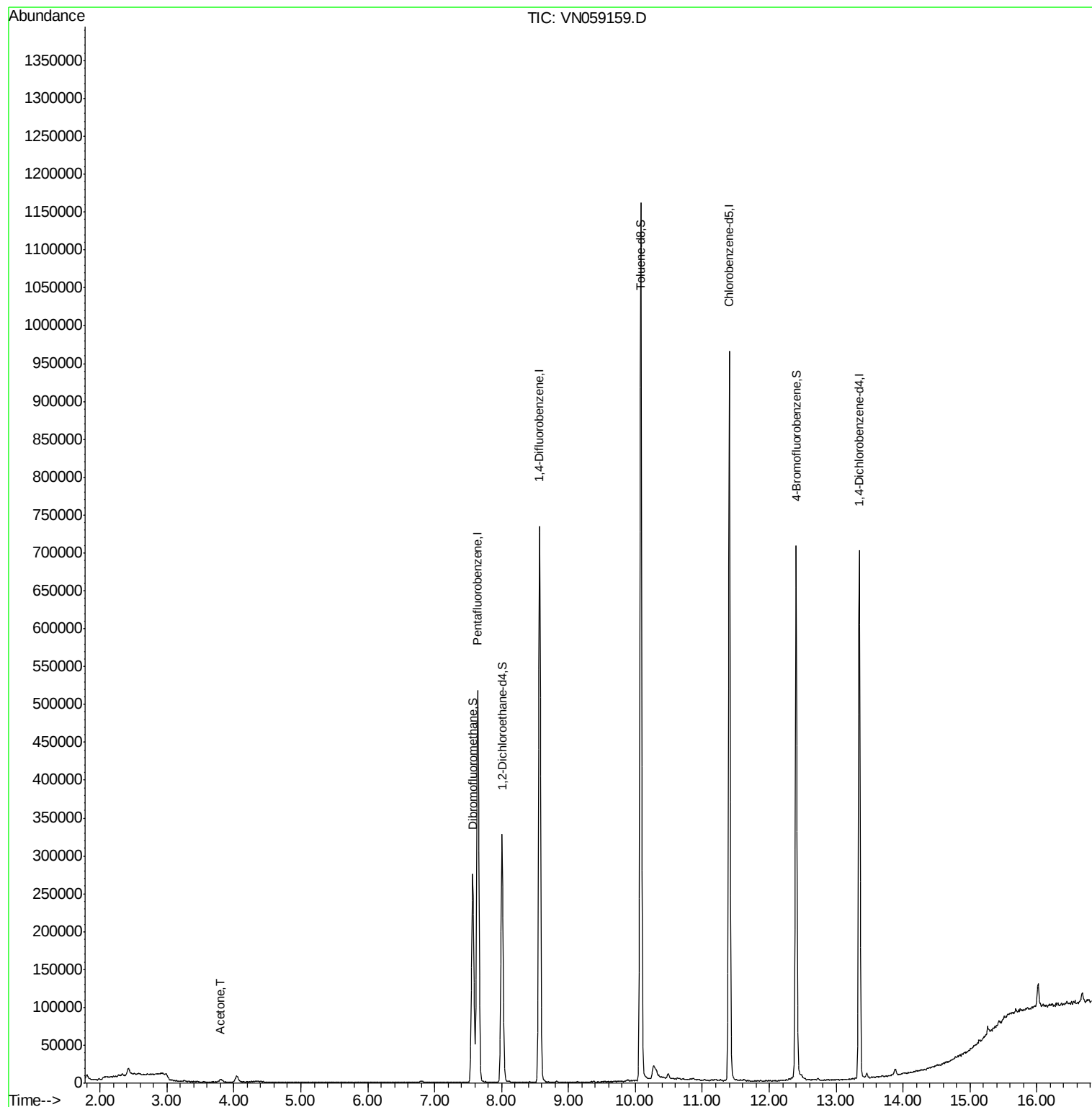
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	418219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	653131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	558371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	191061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	284500	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
35) Dibromofluoromethane	7.57	113	211727	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
50) Toluene-d8	10.08	98	815424	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.40	95	253669	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
Target Compounds						
16) Acetone	3.80	43	6775	2.534	ug/l #	Qvalue 85

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059159.D

Acq: 11 Nov 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

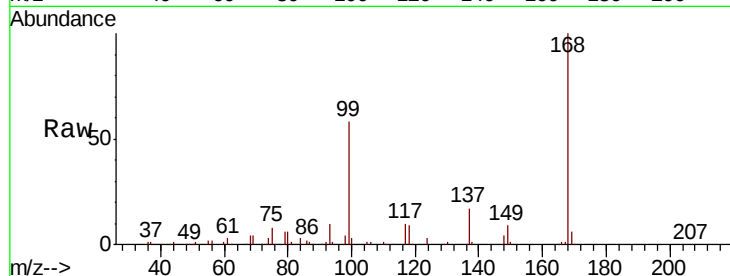
MW-317D-SRI4

Tot Ion:168 Resp: 418219

Ion Ratio Lower Upper

168 100

99 57.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059159.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059159.D (-1733) (-)

7.64

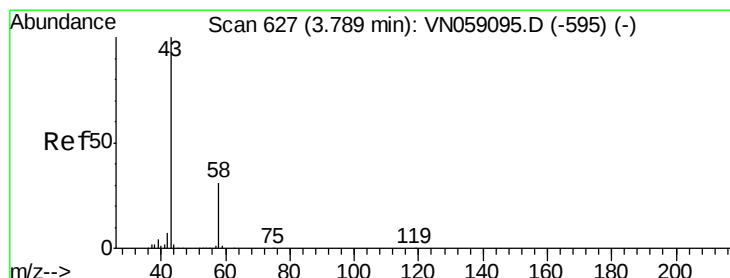
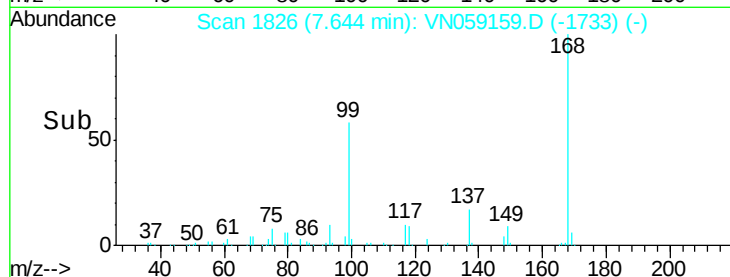
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.534 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059159.D

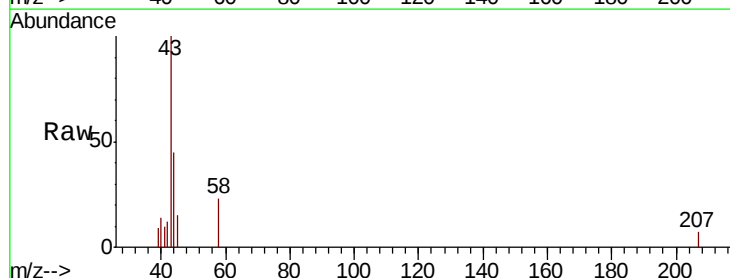
Acq: 11 Nov 2019 14:31

Tgt Ion: 43 Resp: 6775

Ion Ratio Lower Upper

43 100

58 23.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059159.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059159.D (-534) (-)

3.80

2500

2000

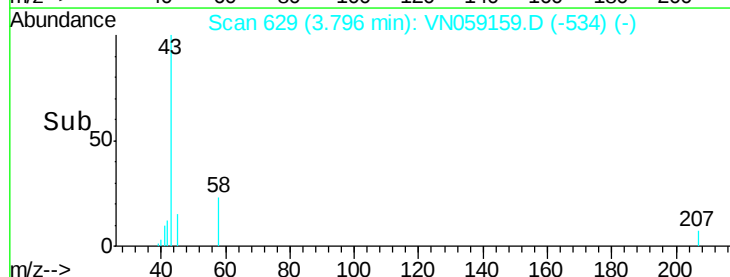
1500

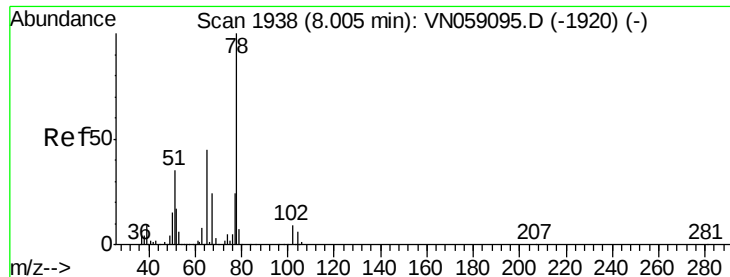
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.340 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059159.D

Acq: 11 Nov 2019 14:31

Instrument :

MSVOA_N

ClientSampled :

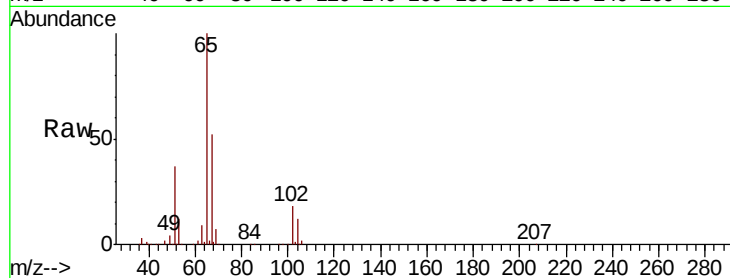
MW-317D-SRI4

Tot Ion: 65 Resp: 284500

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059159.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059159.D (-1845) (-)

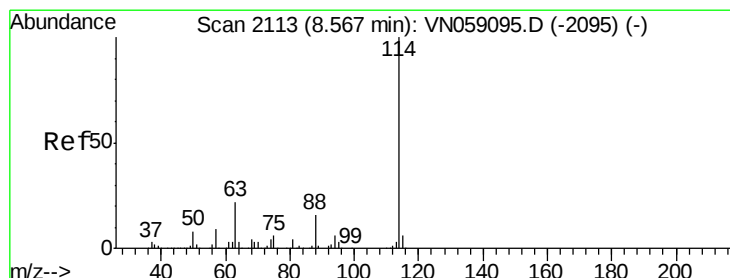
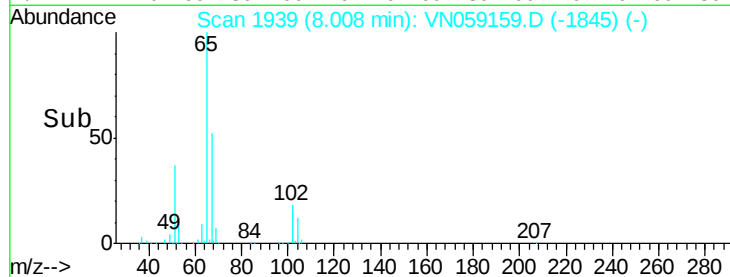
8.01

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059159.D

Acq: 11 Nov 2019 14:31

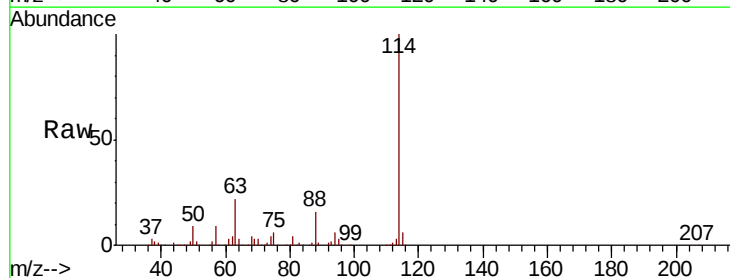
Tgt Ion:114 Resp: 653131

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 16.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059159.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059159.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059159.D (-2020) (-)

8.57

400000

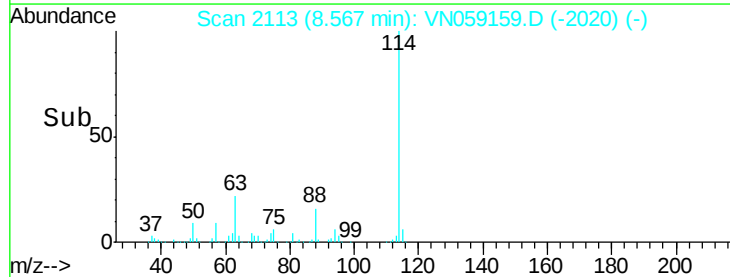
300000

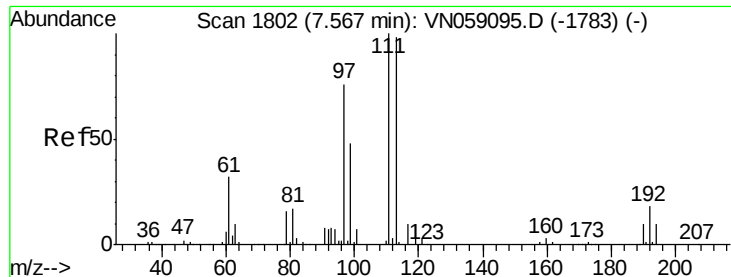
200000

100000

0

Time-->

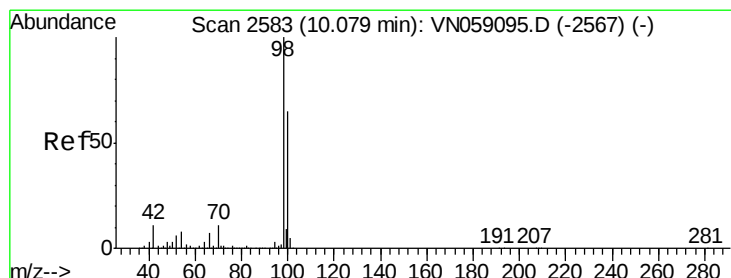
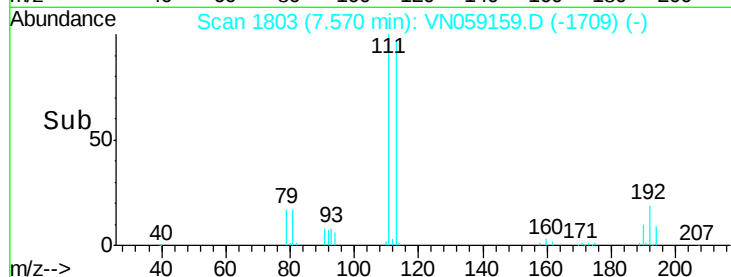
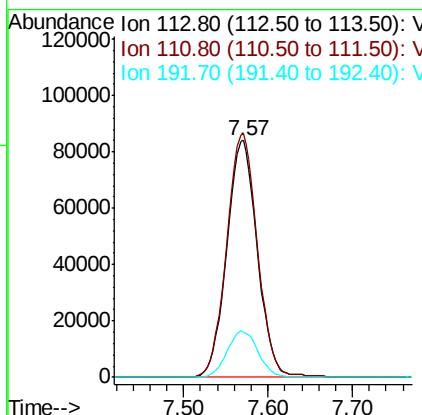
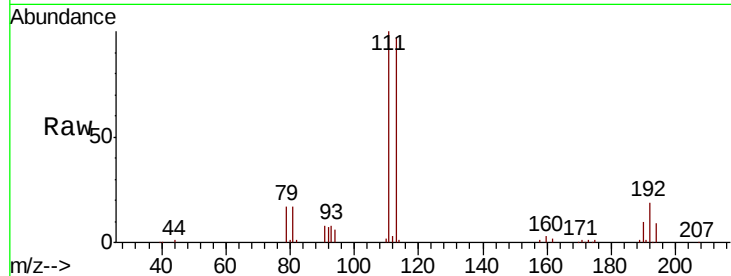




#35
Dibromofluoromethane
Concen: 54.291 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059159.D
Acq: 11 Nov 2019 14:31

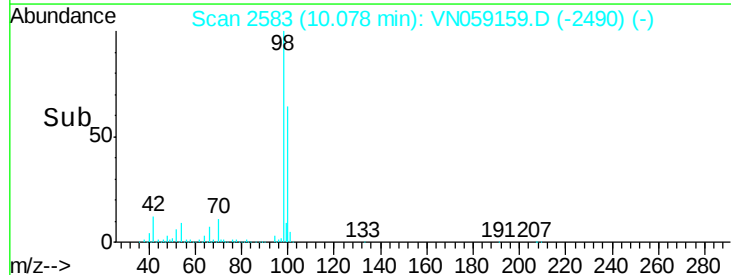
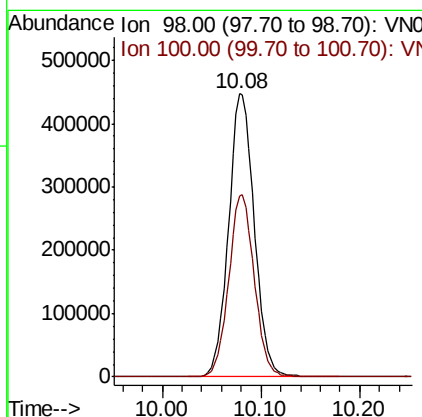
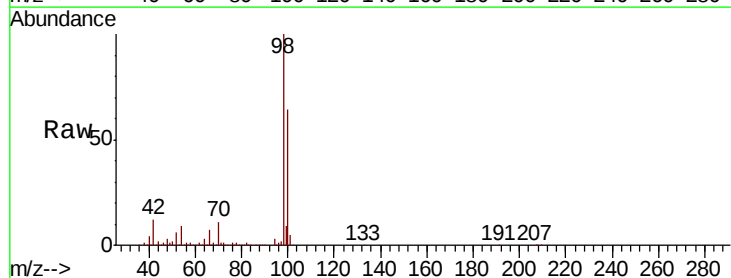
Instrument :
MSVOA_N
ClientSampleId :
MW-317D-SRI4

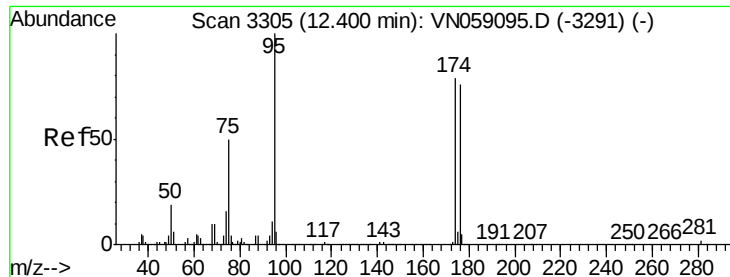
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.8	124.2
192	19.9	16.1	24.1



#50
Toluene-d8
Concen: 53.084 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059159.D
Acq: 11 Nov 2019 14:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 45.800 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059159.D

Acq: 11 Nov 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

MW-317D-SRI4

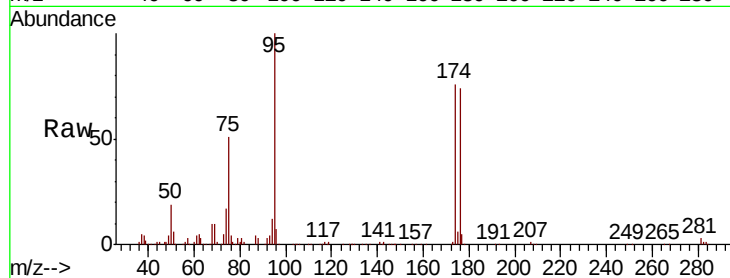
Tot Ion: 95 Resp: 253669

Ion Ratio Lower Upper

95 100

174 76.6 0.0 158.2

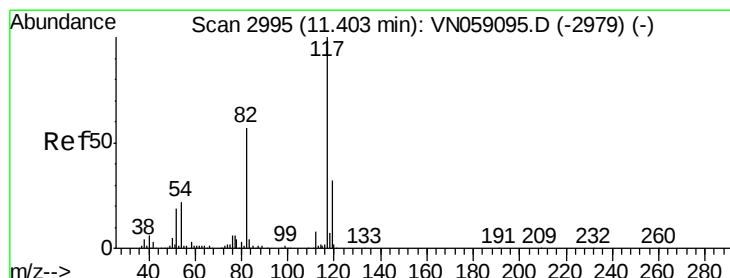
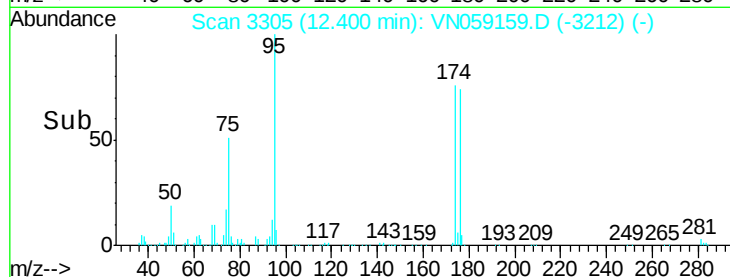
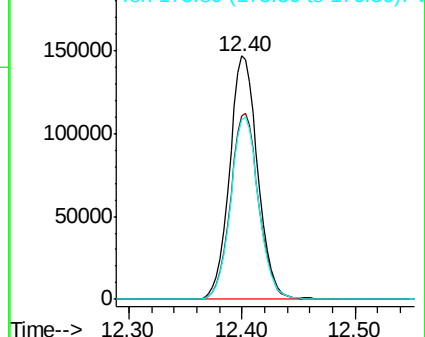
176 74.6 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059159.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059159.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059159.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059159.D

Acq: 11 Nov 2019 14:31

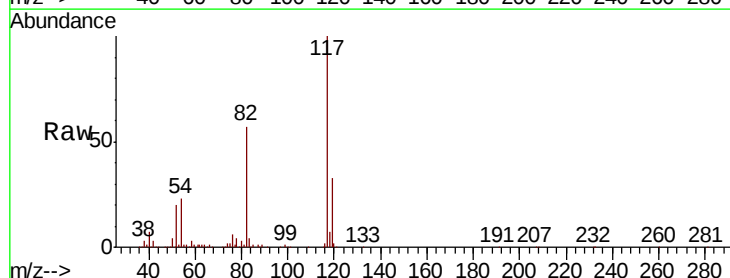
Tgt Ion: 117 Resp: 558371

Ion Ratio Lower Upper

117 100

82 56.8 45.8 68.8

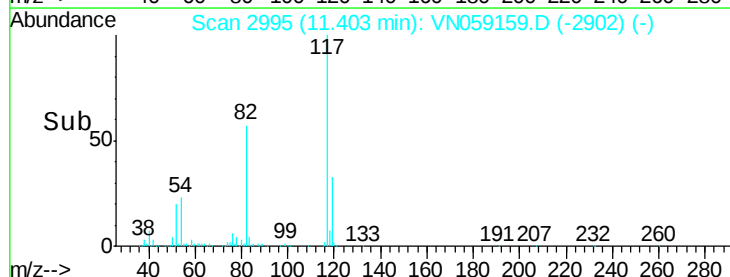
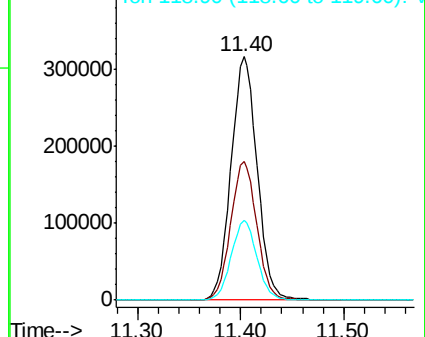
119 32.6 25.8 38.6

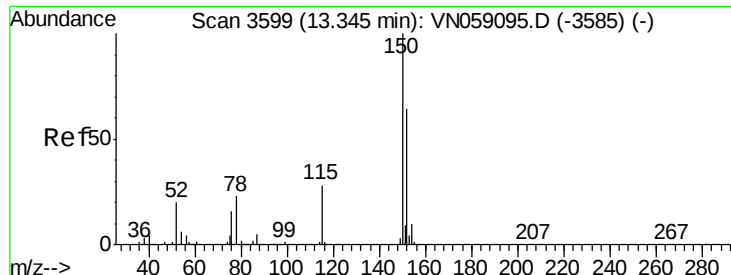


Abundance Ion 116.90 (116.60 to 117.60): VN059159.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059159.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059159.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059159.D

Acq: 11 Nov 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

MW-317D-SRI4

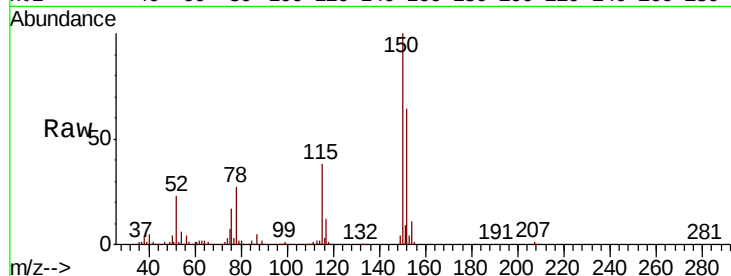
Tot Ion:152 Resp: 191061

Ion Ratio Lower Upper

152 100

115 61.2 29.4 88.2

150 156.8 0.0 345.8



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

