

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059444.D
 Acq On : 29 Nov 2019 13:39
 Operator : JC/SP
 Sample : K6024-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-5-(0.5-1.0)

Quant Time: Dec 02 12:39:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	323890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	495448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	431114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	164266	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	184645	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	7.57	113	150797	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.08	98	596372	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.40	95	189895	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

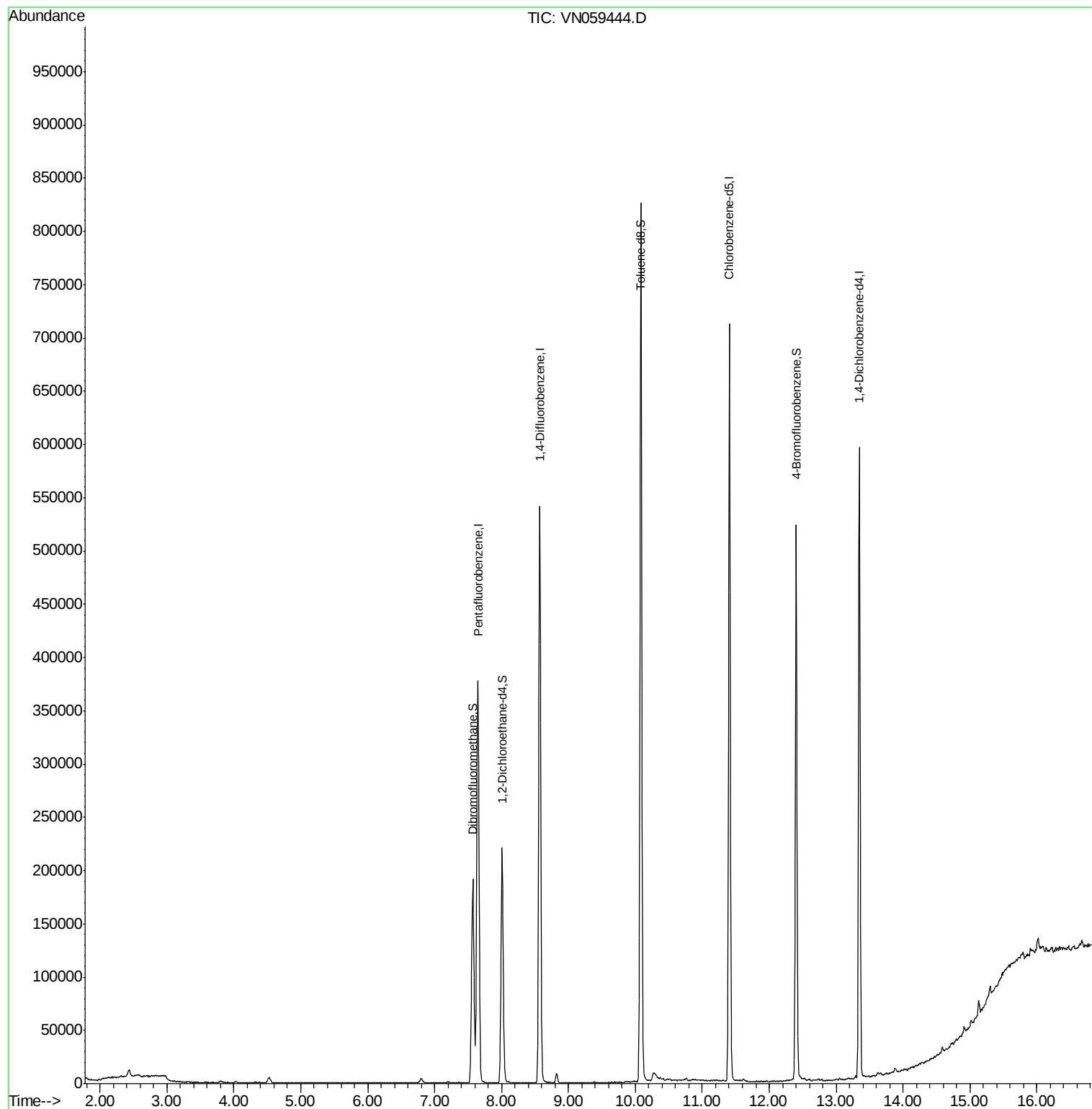
Target Compounds	Qvalue

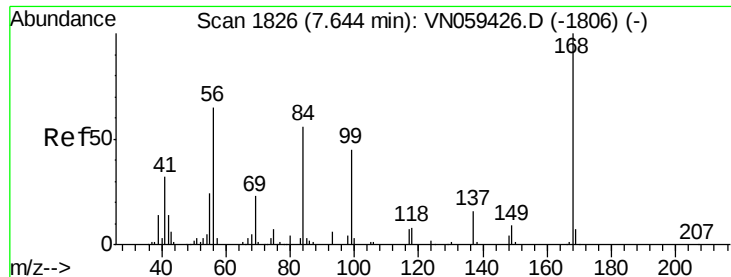
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 16:56:05 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059444.D

Acq: 29 Nov 2019 13:39

Instrument :

MSVOA_N

ClientSampled :

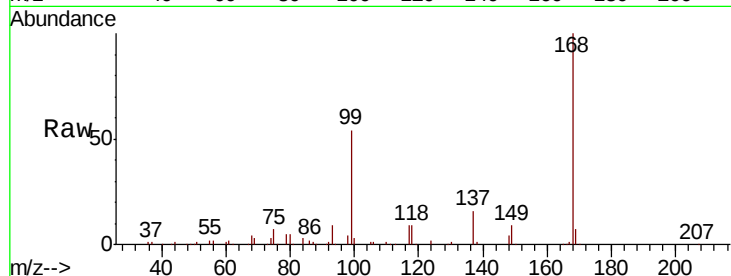
B-5-(0.5-1.0)

Tot Ion:168 Resp: 323890

Ion Ratio Lower Upper

168 100

99 54.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

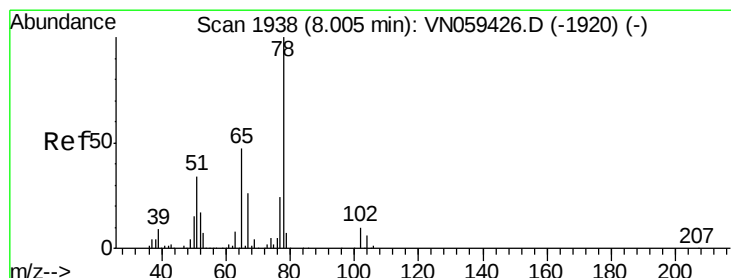
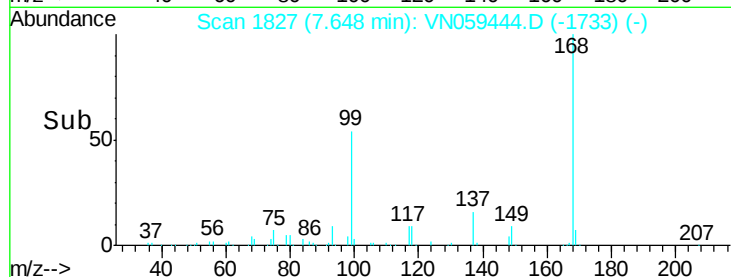
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.667 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059444.D

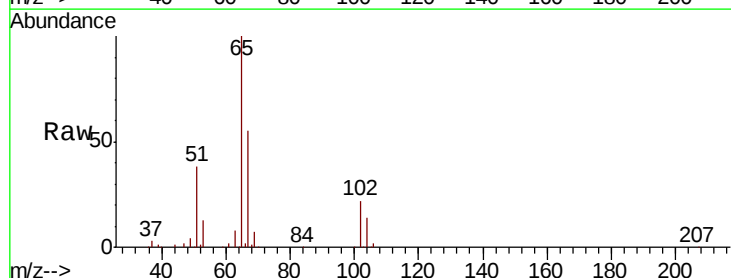
Acq: 29 Nov 2019 13:39

Tgt Ion: 65 Resp: 184645

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

80000

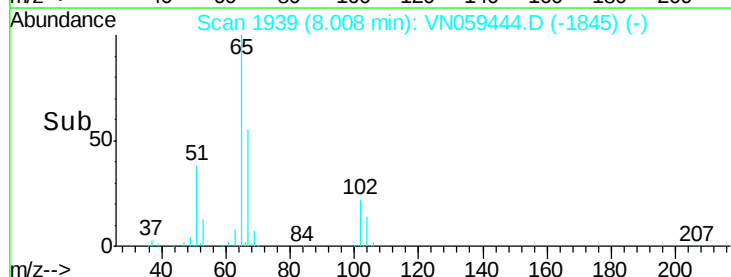
60000

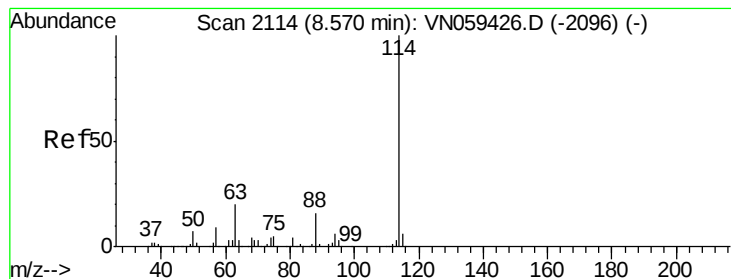
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059444.D

Acq: 29 Nov 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

B-5-(0.5-1.0)

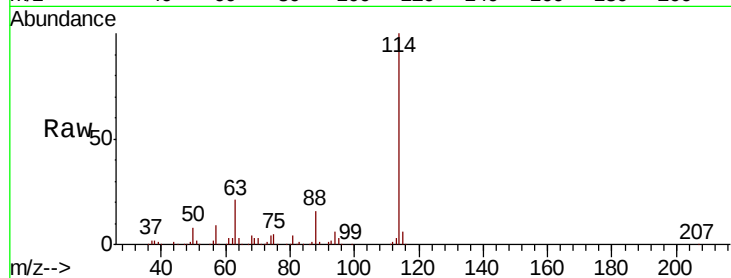
Tot Ion:114 Resp: 495448

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

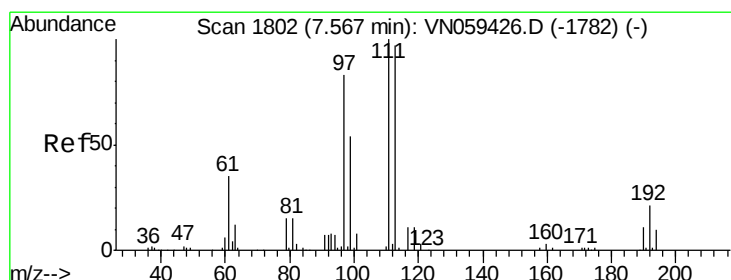
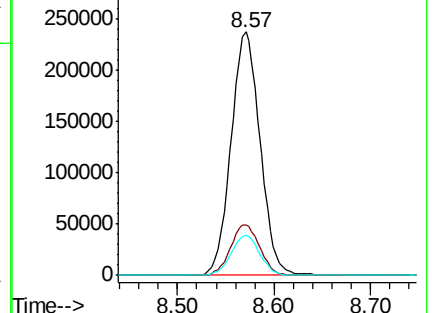
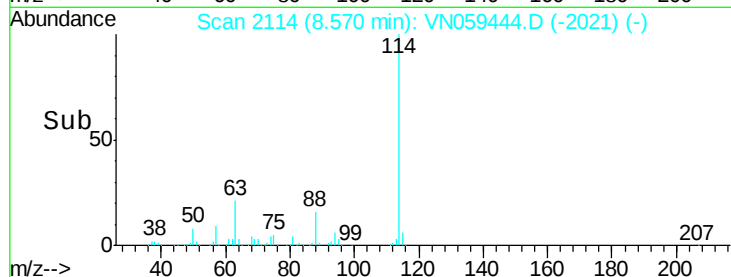
88 16.5 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.968 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059444.D

Acq: 29 Nov 2019 13:39

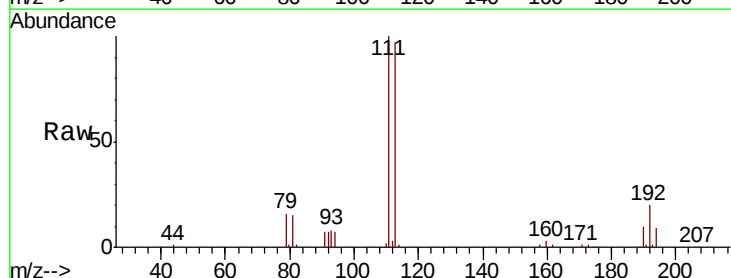
Tgt Ion:113 Resp: 150797

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

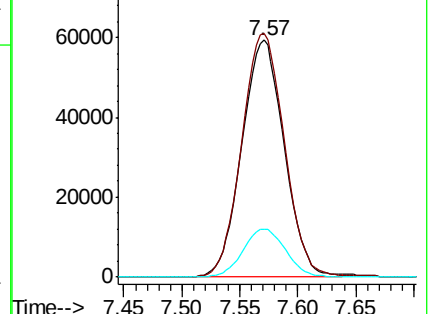
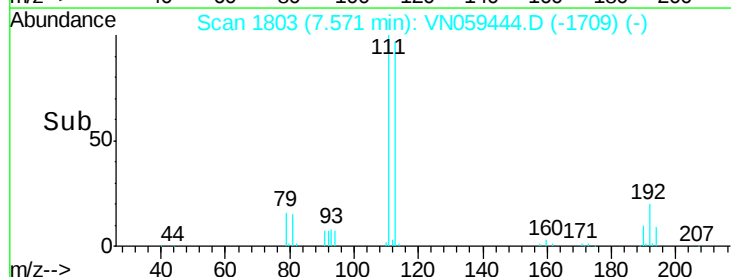
192 20.4 16.6 24.8

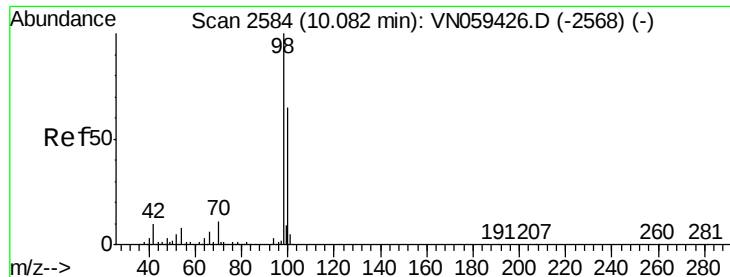


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.595 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059444.D

Acq: 29 Nov 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

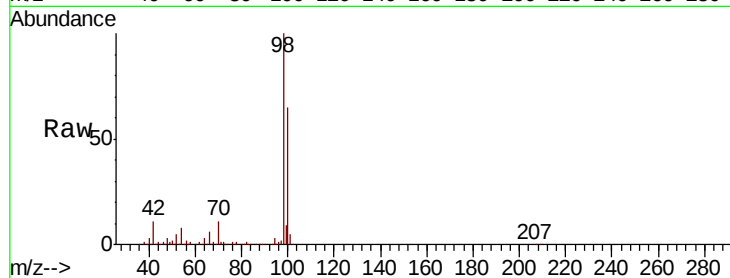
B-5-(0.5-1.0)

Tot Ion: 98 Resp: 596372

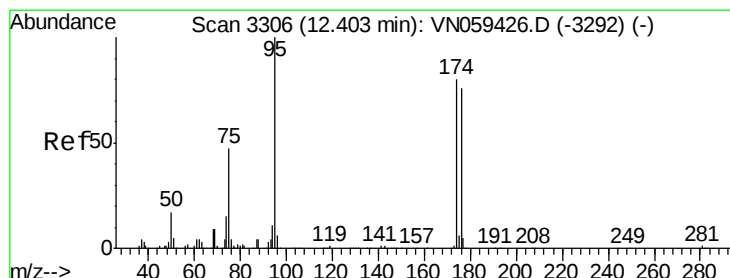
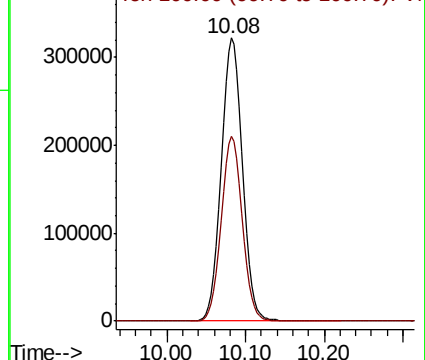
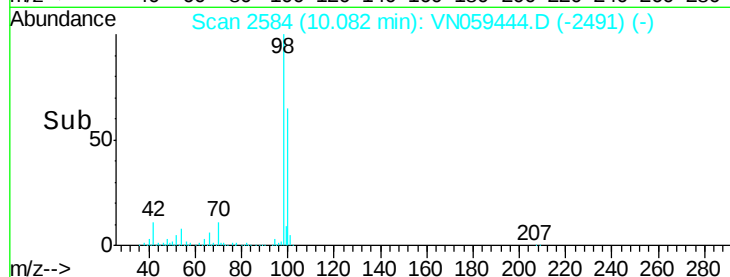
Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059444.D (-2491) (-)



#62

4-Bromofluorobenzene

Concen: 45.355 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059444.D

Acq: 29 Nov 2019 13:39

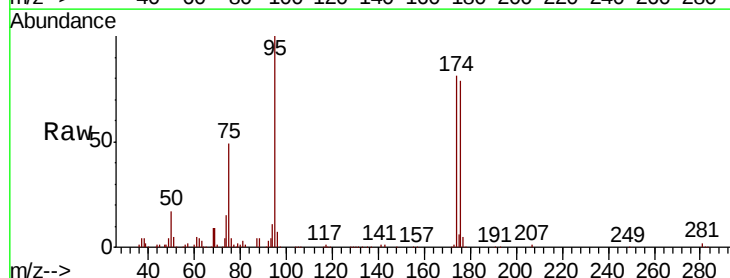
Tgt Ion: 95 Resp: 189895

Ion Ratio Lower Upper

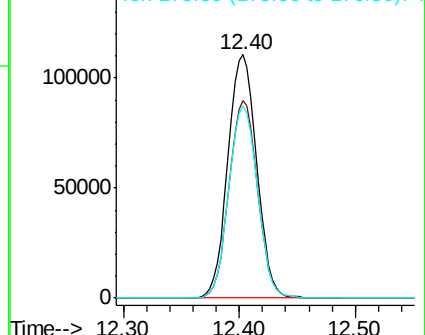
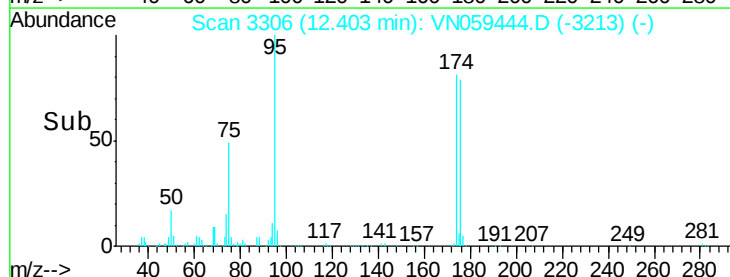
95 100

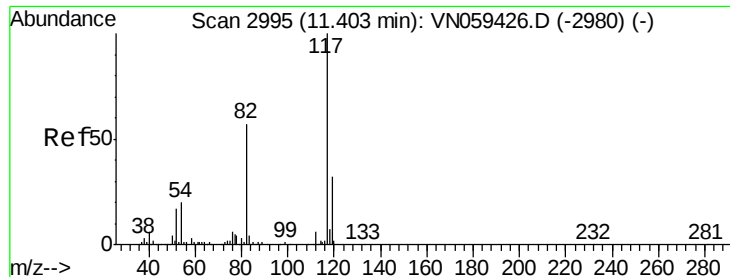
174 80.2 0.0 158.0

176 78.8 0.0 153.0



Abundance Ion 94.90 (94.60 to 95.60): VN059444.D (-3213) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059444.D

Acq: 29 Nov 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

B-5-(0.5-1.0)

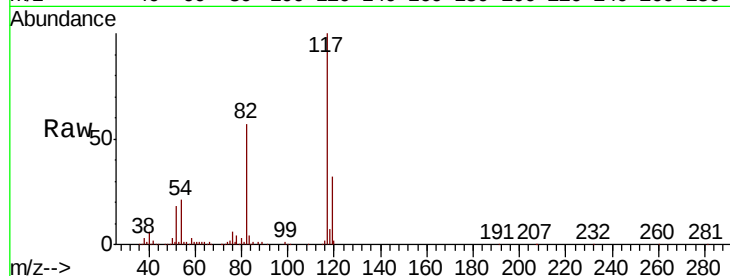
Tot Ion:117 Resp: 431114

Ion Ratio Lower Upper

117 100

82 56.6 45.4 68.0

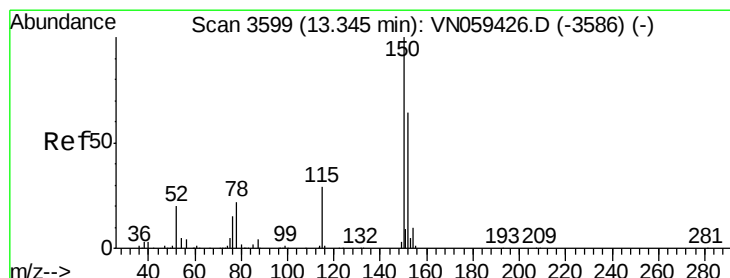
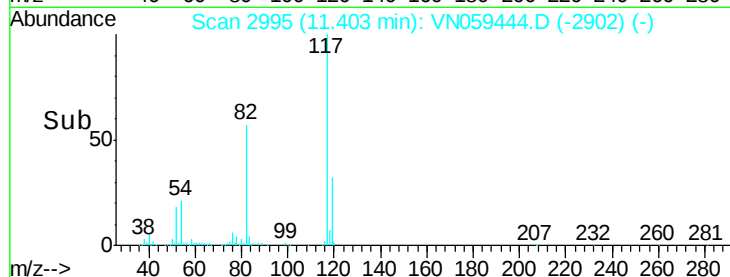
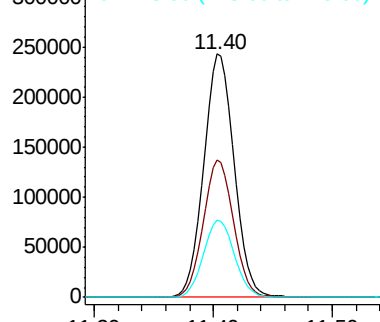
119 31.5 25.6 38.4



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059444.D

Acq: 29 Nov 2019 13:39

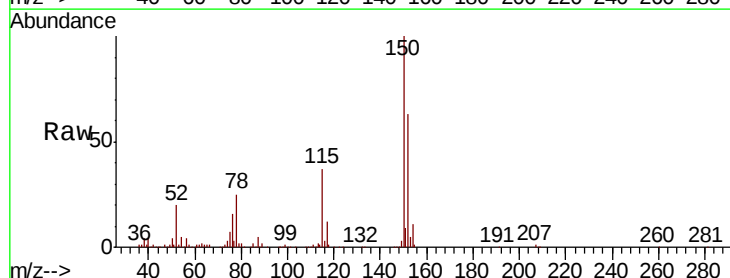
Tgt Ion:152 Resp: 164266

Ion Ratio Lower Upper

152 100

115 58.8 29.5 88.6

150 158.6 0.0 347.2



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

