

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055119.D
 Acq On : 18 Apr 2019 12:06
 Operator : JC/SP
 Sample : K2461-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-02

Quant Time: Apr 19 02:31:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	349000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	558266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	449783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121916	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	223799	48.24	ug/l	0.00
Spiked Amount						
			Recovery	=	96.48%	
35) Dibromofluoromethane	7.59	113	179811	48.19	ug/l	0.00
Spiked Amount						
			Recovery	=	96.38%	
50) Toluene-d8	10.09	98	662702	49.63	ug/l	0.00
Spiked Amount						
			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.40	95	174384	40.17	ug/l	0.00
Spiked Amount						
			Recovery	=	80.34%	

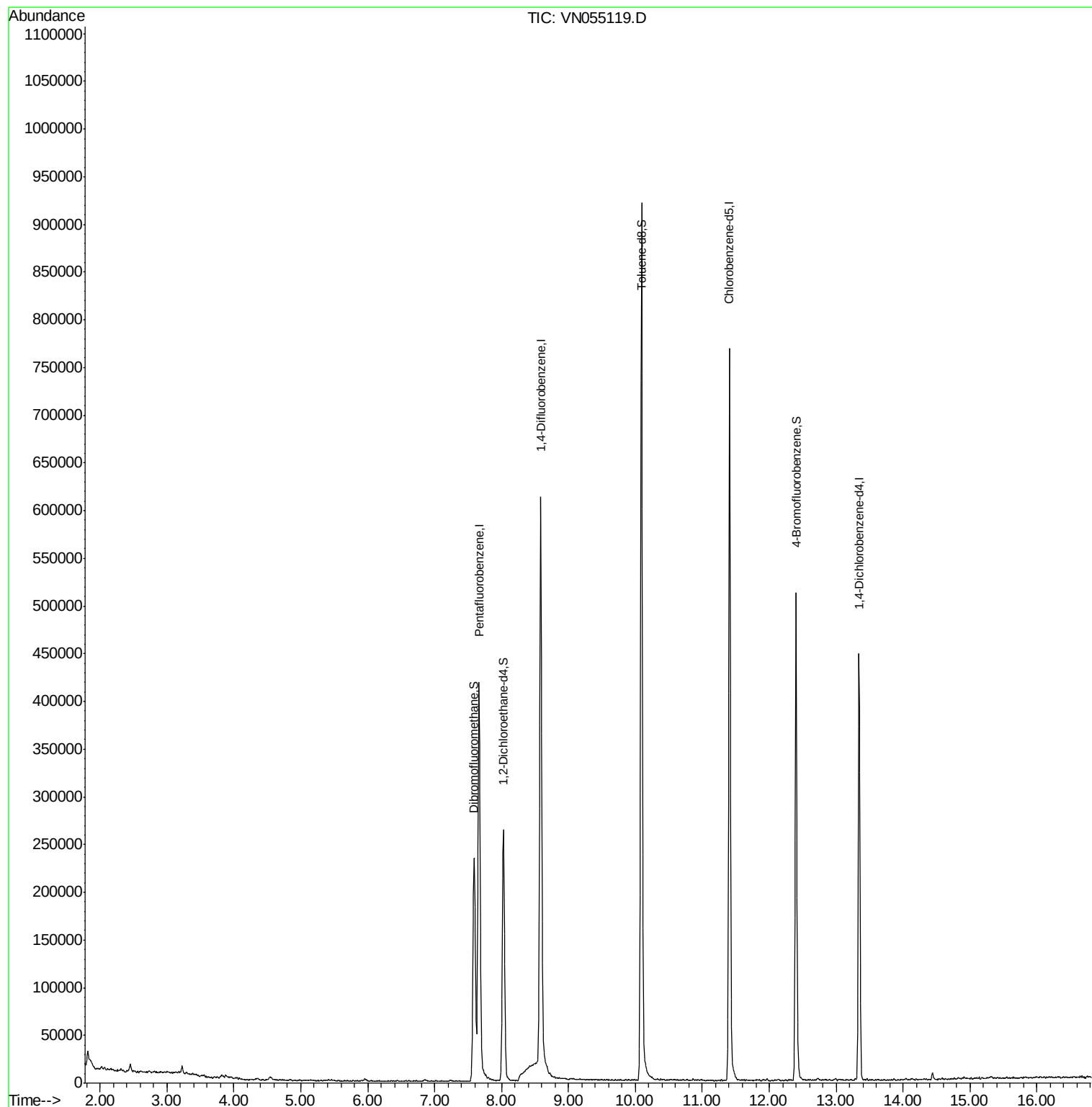
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	1299	Below Cal		92

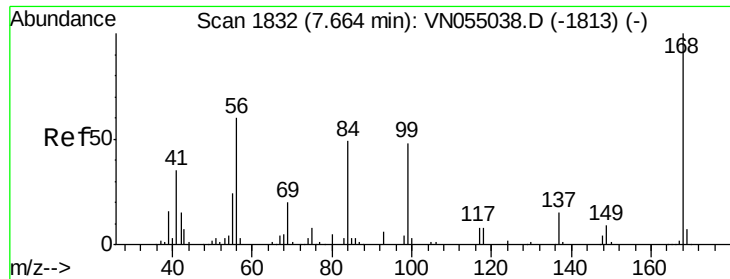
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055119.D

Acq: 18 Apr 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

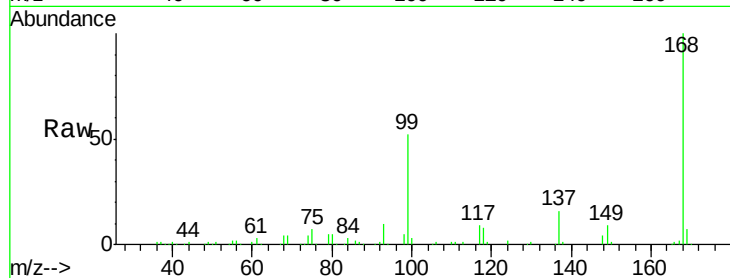
PZ-02

Tot Ion:168 Resp: 349000

Ion Ratio Lower Upper

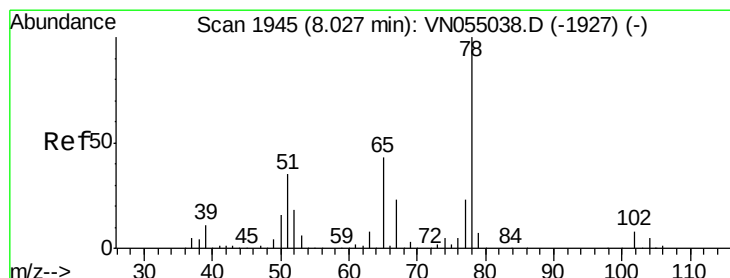
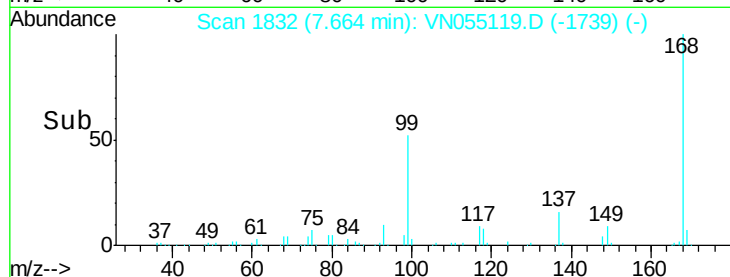
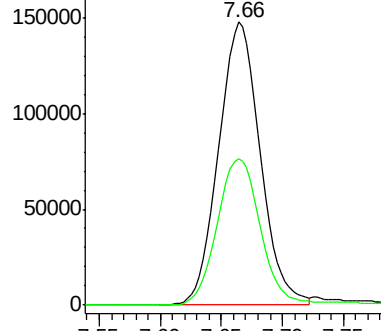
168 100

99 51.5 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.242 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055119.D

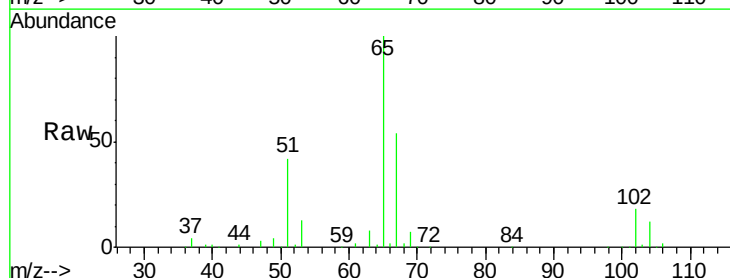
Acq: 18 Apr 2019 12:06

Tgt Ion: 65 Resp: 223799

Ion Ratio Lower Upper

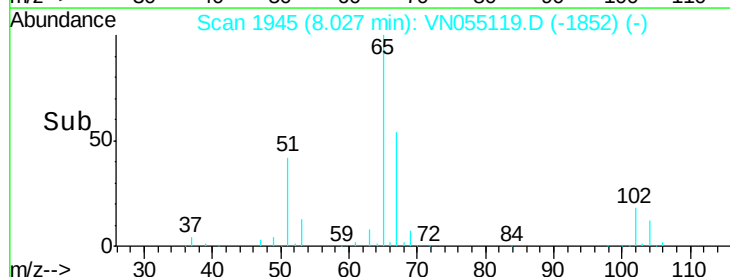
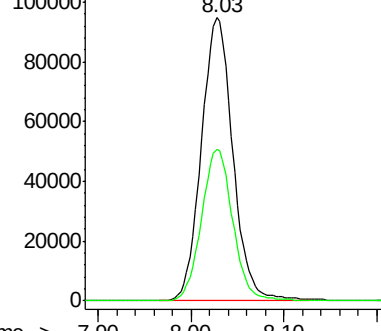
65 100

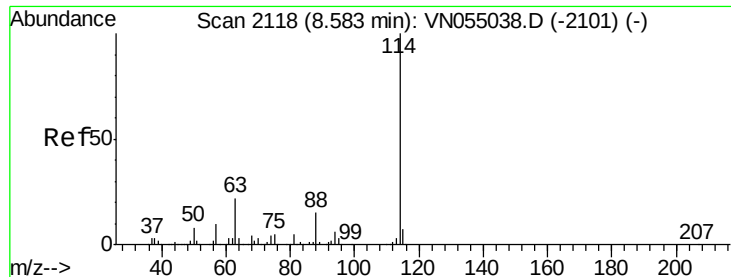
67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055119.D

Acq: 18 Apr 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

PZ-02

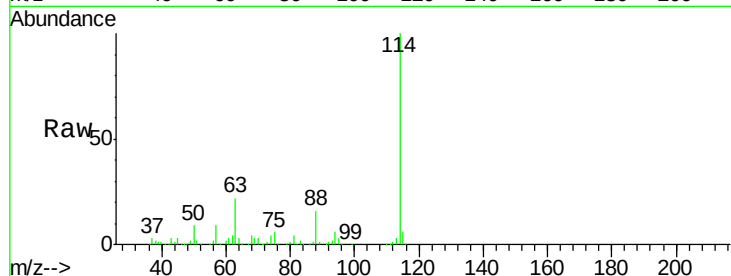
Tot Ion:114 Resp: 558266

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

88 16.3 0.0 31.8



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

300000

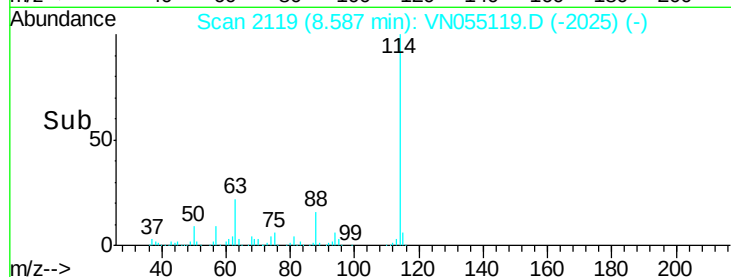
200000

100000

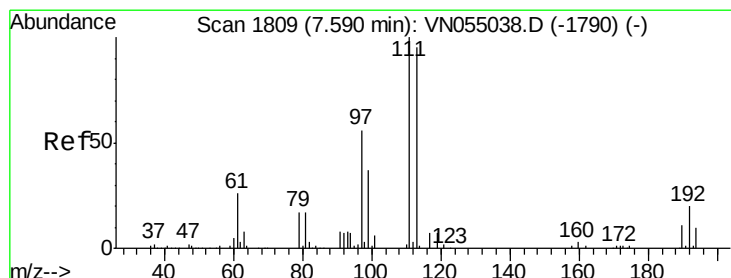
0

8.59

8.50 8.60 8.70 8.80



Time-->



#35

Dibromofluoromethane

Concen: 48.195 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055119.D

Acq: 18 Apr 2019 12:06

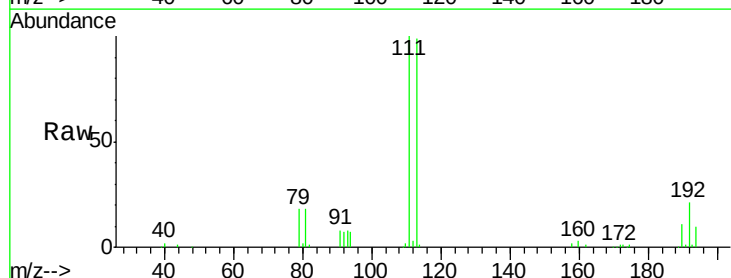
Tgt Ion:113 Resp: 179811

Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

192 20.9 16.5 24.7



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

100000

80000

60000

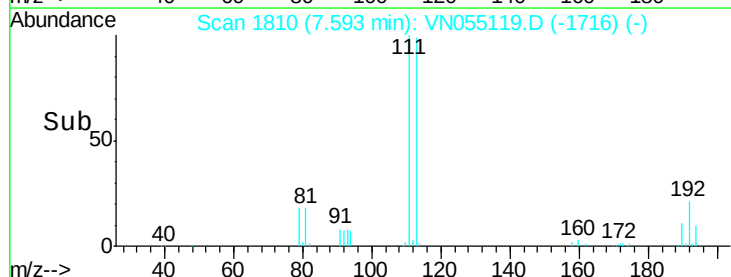
40000

20000

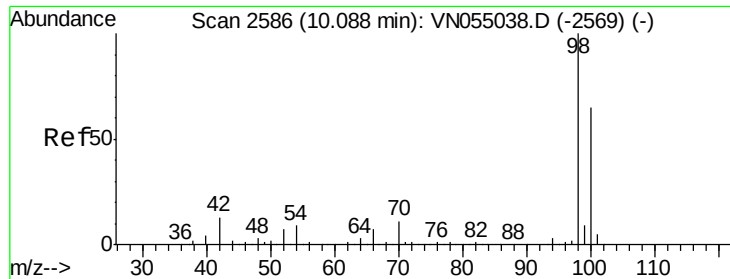
0

7.59

7.50 7.60 7.70



Time-->



#50

Toluene-d8

Concen: 49.628 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055119.D

Acq: 18 Apr 2019 12:06

Instrument :

MSVOA_N

ClientSampled :

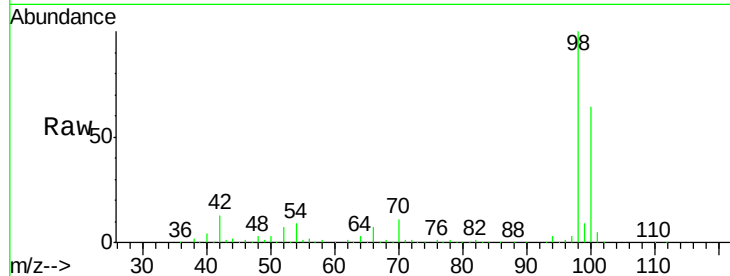
PZ-02

Tot Ion: 98 Resp: 662702

Ion Ratio Lower Upper

98 100

100 62.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)

10.09

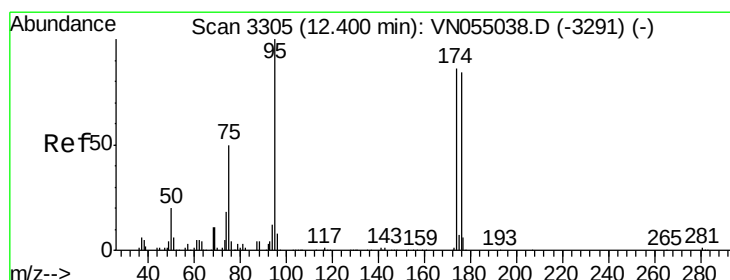
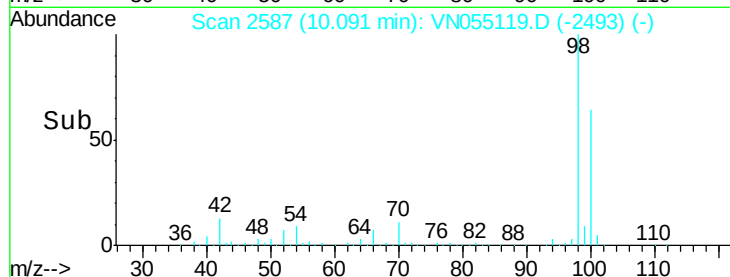
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.170 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055119.D

Acq: 18 Apr 2019 12:06

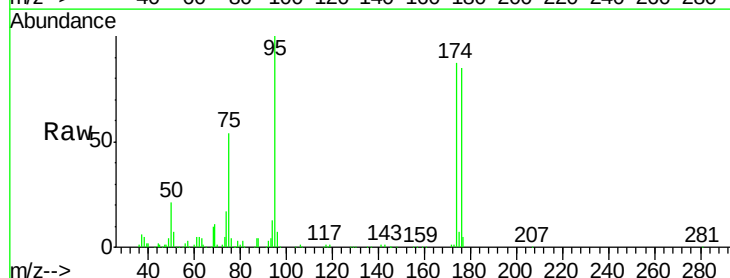
Tgt Ion: 95 Resp: 174384

Ion Ratio Lower Upper

95 100

174 86.7 0.0 174.4

176 83.4 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

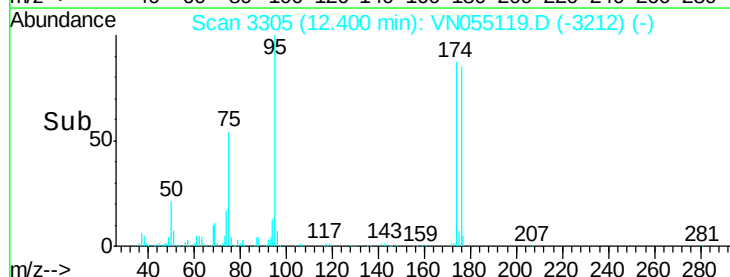
12.40

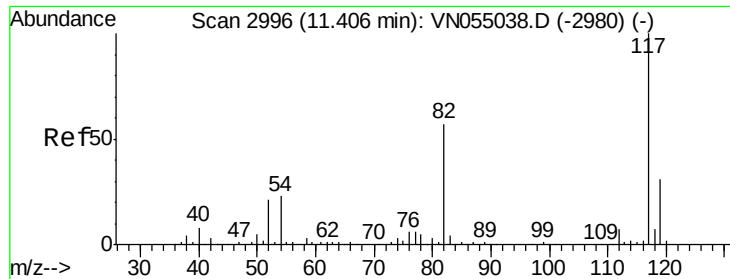
100000

50000

0

Time-->

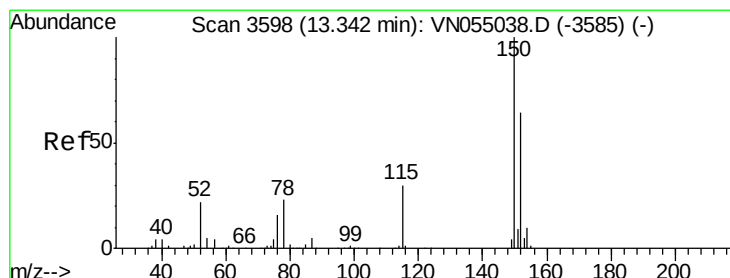
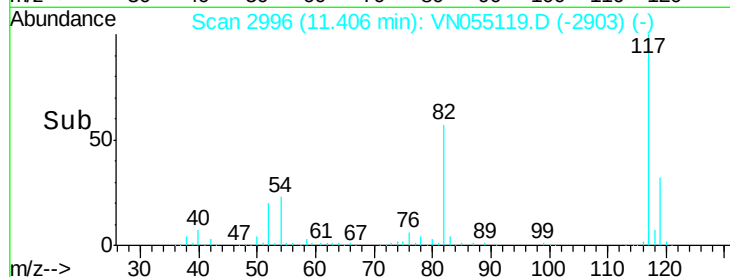
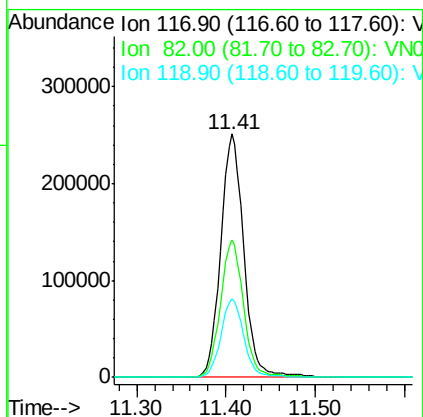
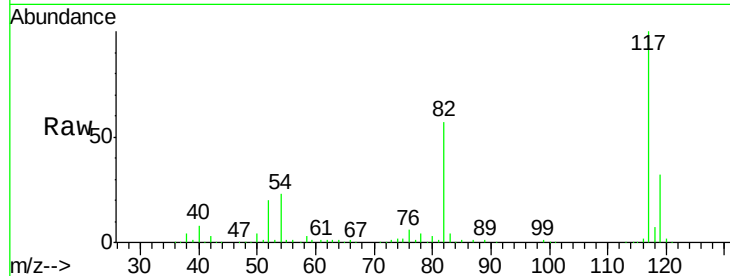




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055119.D
Acq: 18 Apr 2019 12:06

Instrument :
MSVOA_N
ClientSampleId :
PZ-02

Tot Ion:117 Resp: 449783
Ion Ratio Lower Upper
117 100
82 56.7 44.6 66.8
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055119.D
Acq: 18 Apr 2019 12:06

Tgt Ion:152 Resp: 121916
Ion Ratio Lower Upper
152 100
115 59.2 28.5 85.6
150 159.4 0.0 347.2

