

Data File : VN057516.D
Acq On : 26 Aug 2019 17:49
Operator : JC/SP
Sample : K4496-20RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB-02-082219RE

Quant Time: Aug 26 18:15:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	386095	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.57	114	660210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	546509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	274605	40.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.86%	
35) Dibromofluoromethane	7.58	113	165228	37.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.10%	
50) Toluene-d8	10.08	98	820630	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.41	95	269007	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	

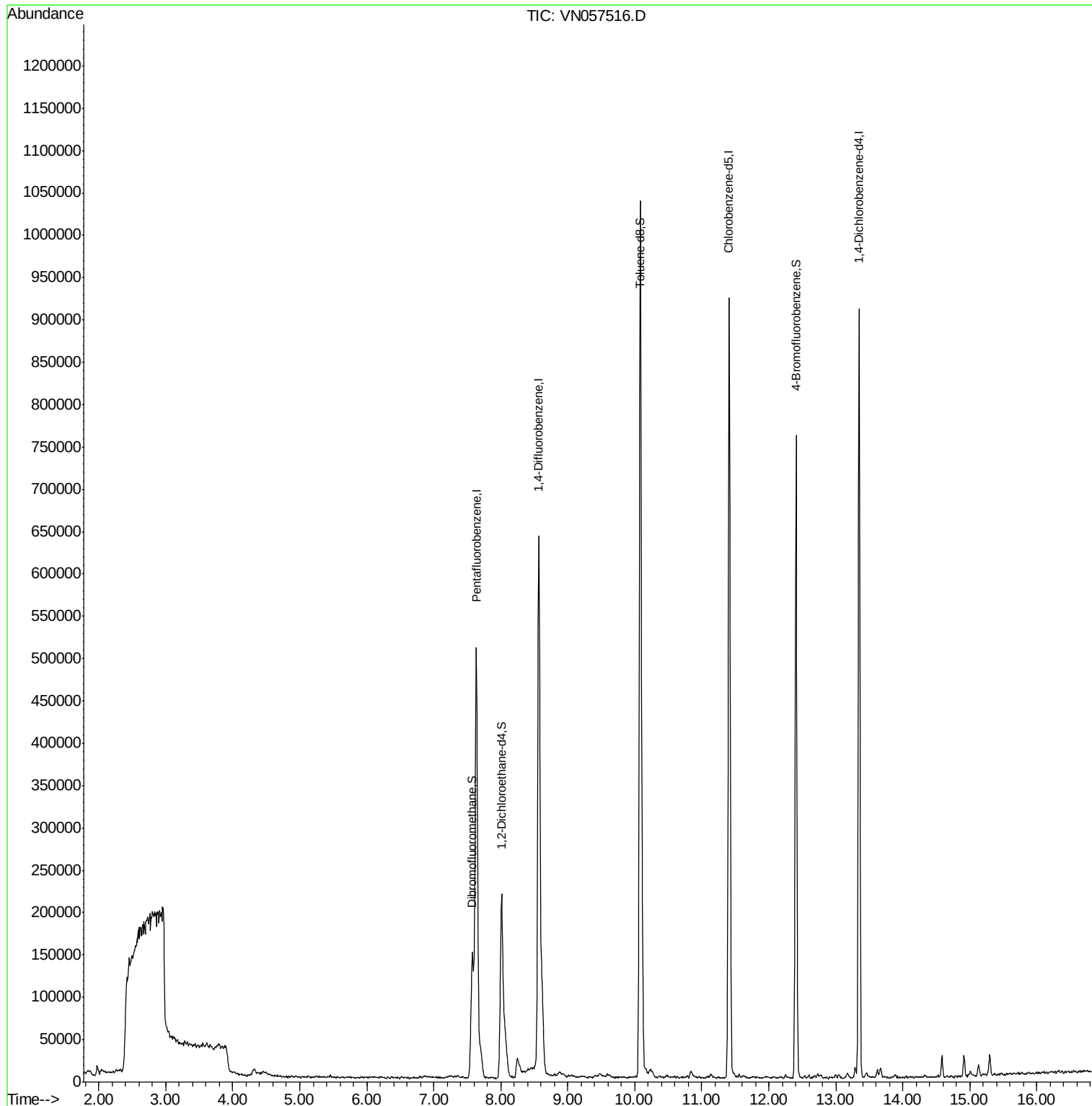
Target Compounds	Qvalue
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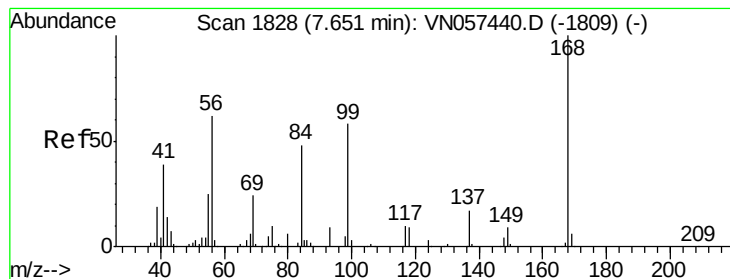
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.02 min

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MSVOA_N

ClientSampleId :

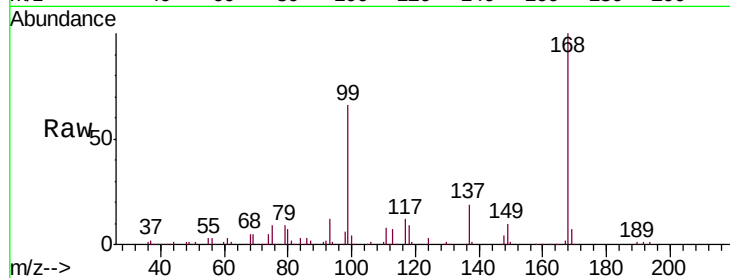
TB-02-082219RE

Tgt Ion:168 Resp: 386095

Ion Ratio Lower Upper

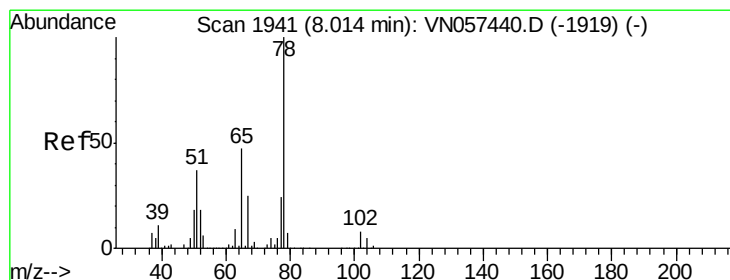
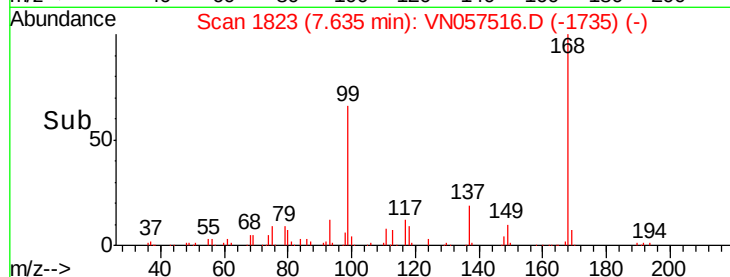
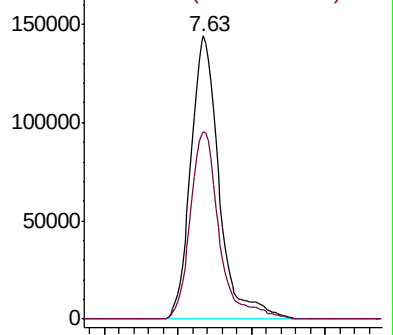
168 100

99 66.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 40.431 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN057516.D

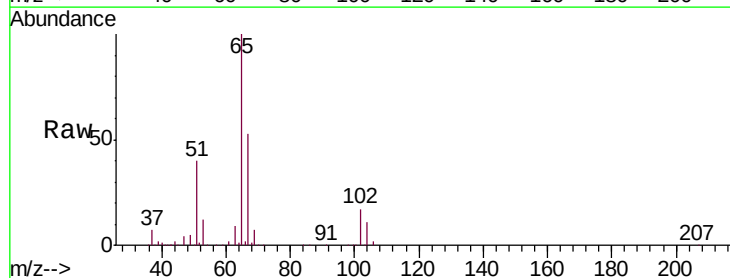
Acq: 26 Aug 2019 17:49

Tgt Ion: 65 Resp: 274605

Ion Ratio Lower Upper

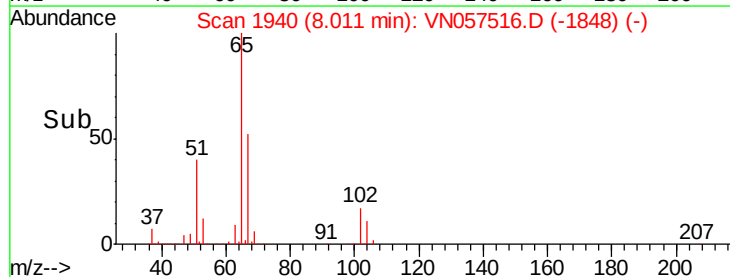
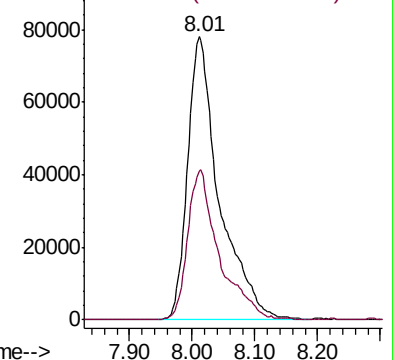
65 100

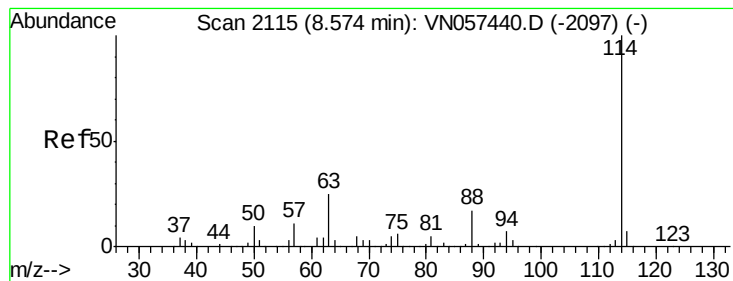
67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.01 min

Lab File: VN057516.D

Acq: 26 Aug 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

TB-02-082219RE

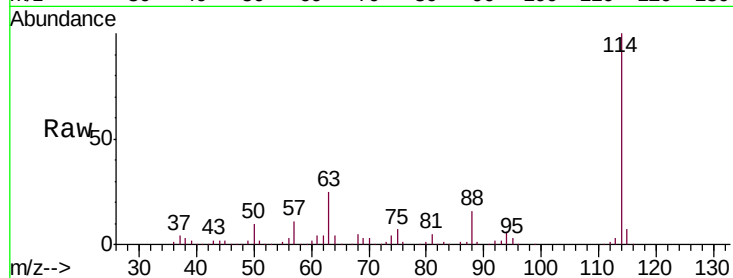
Tgt Ion:114 Resp: 660210

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.2

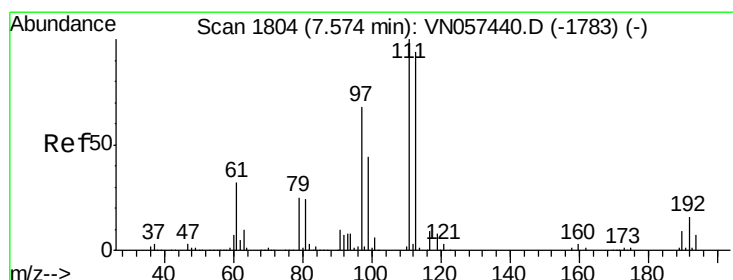
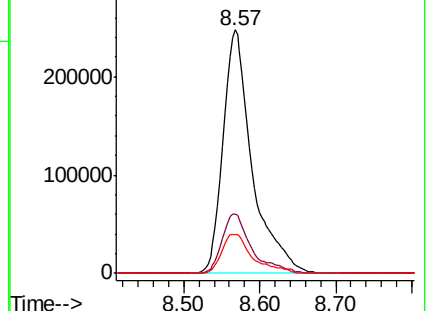
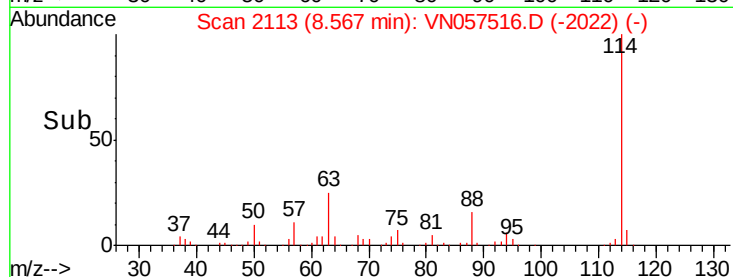
88 16.0 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 37.051 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057516.D

Acq: 26 Aug 2019 17:49

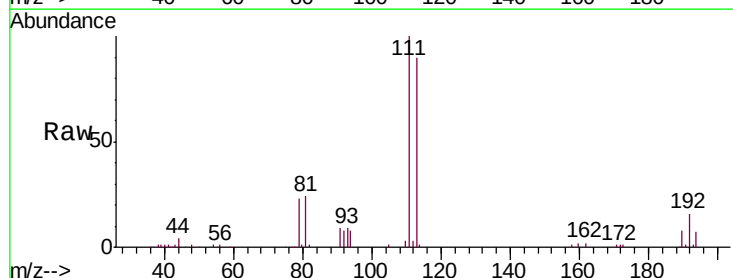
Tgt Ion:113 Resp: 165228

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

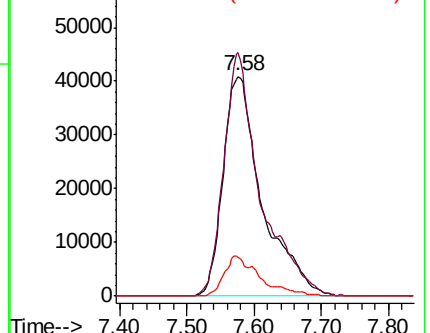
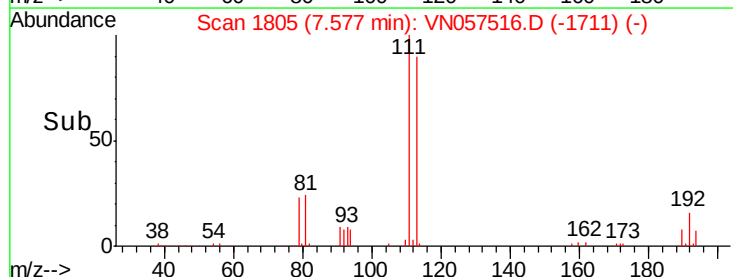
192 14.6 13.5 20.3

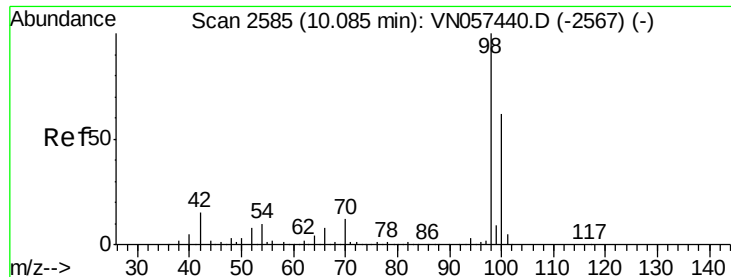


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.667 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

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ClientSampleId :

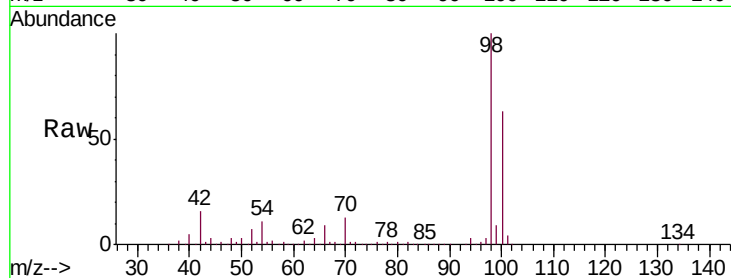
TB-02-082219RE

Tgt Ion: 98 Resp: 820630

Ion Ratio Lower Upper

98 100

100 63.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

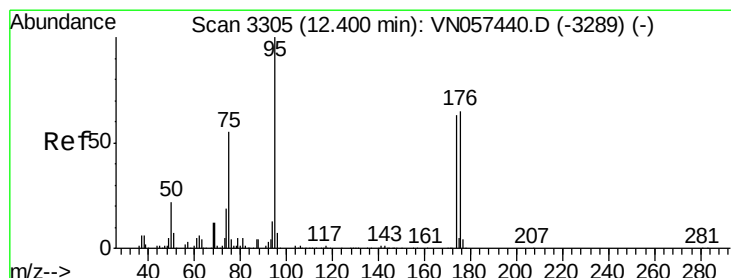
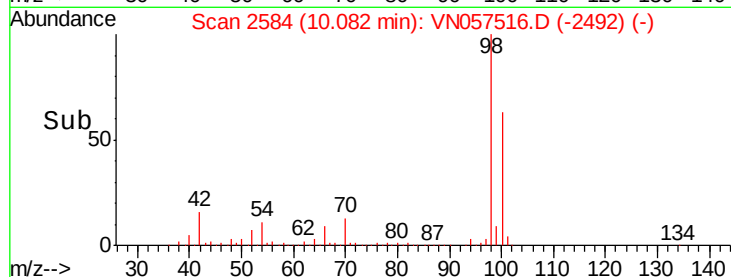
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.076 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.01 min

Lab File: VN057516.D

Acq: 26 Aug 2019 17:49

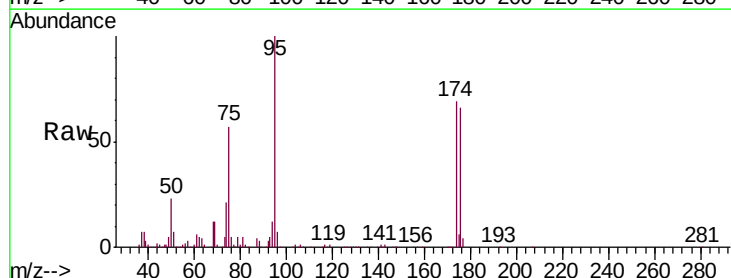
Tgt Ion: 95 Resp: 269007

Ion Ratio Lower Upper

95 100

174 67.9 0.0 133.0

176 64.8 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

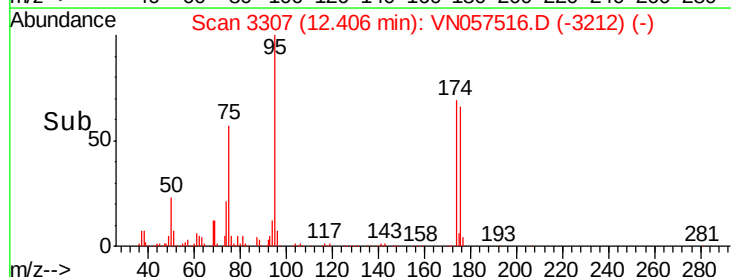
150000

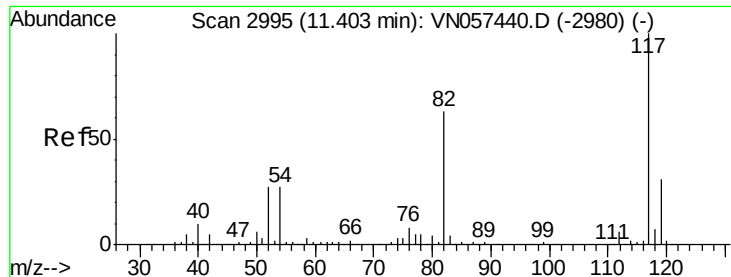
100000

50000

0

Time-->

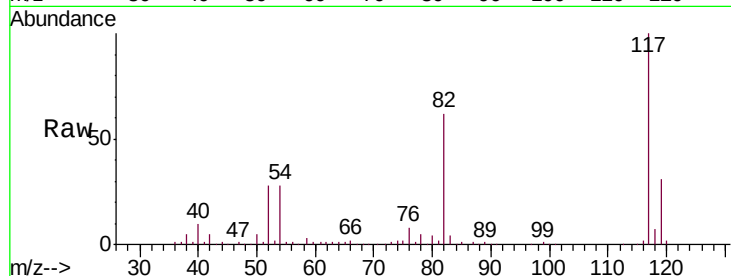




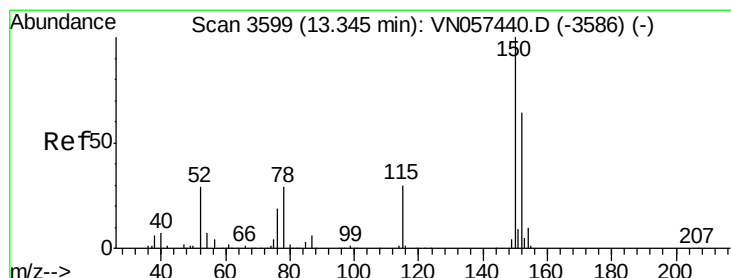
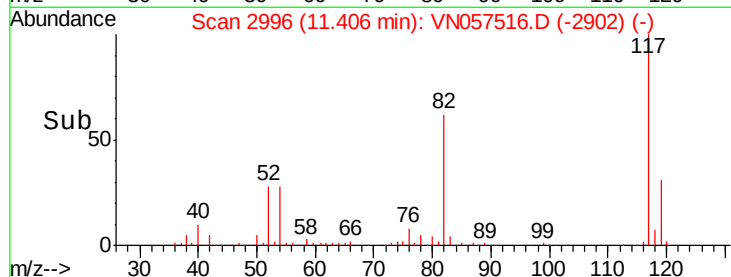
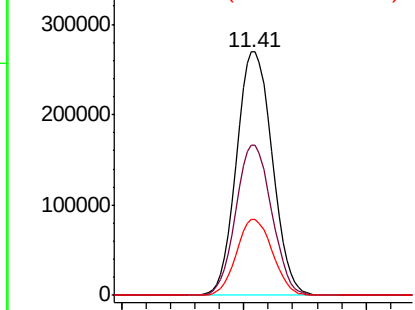
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057516.D
Acq: 26 Aug 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :
TB-02-082219RE

Tgt Ion:117 Resp: 546509
Ion Ratio Lower Upper
117 100
82 61.7 50.6 75.8
119 31.2 24.6 36.8

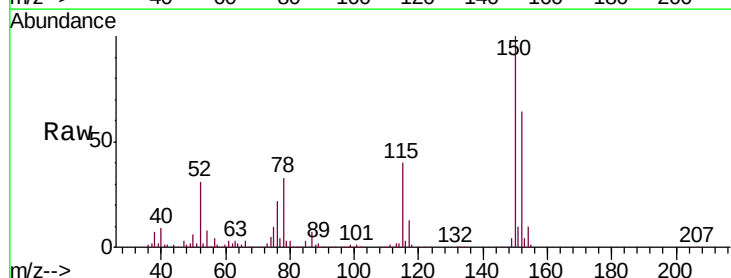


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057516.D
Acq: 26 Aug 2019 17:49

Tgt Ion:152 Resp: 209421
Ion Ratio Lower Upper
152 100
115 63.6 32.0 96.0
150 156.9 0.0 346.6



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

