

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050919\
 Data File : VN055496.D
 Acq On : 9 May 2019 14:48
 Operator : JC/SP
 Sample : K2672-03
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-1.0-1.5

Quant Time: May 09 15:38:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	769625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1306082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1096135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	410955	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	537674	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	7.59	113	397495	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	10.09	98	1592687	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.40	95	518973	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

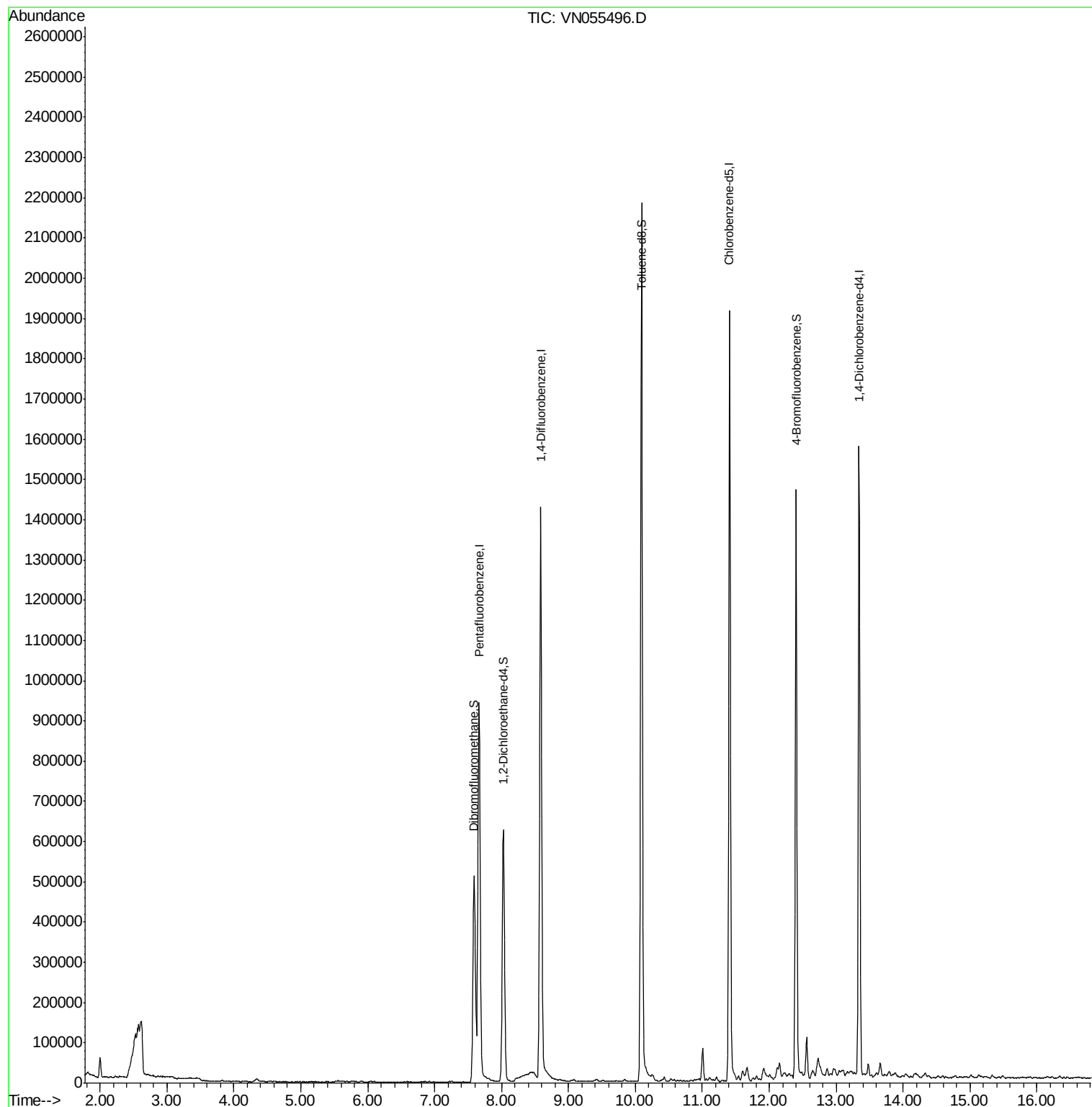
Target Compounds	Qvalue

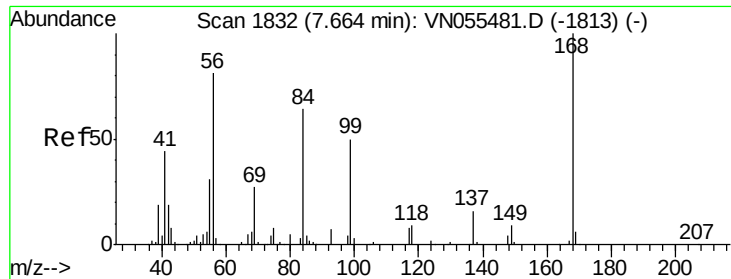
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

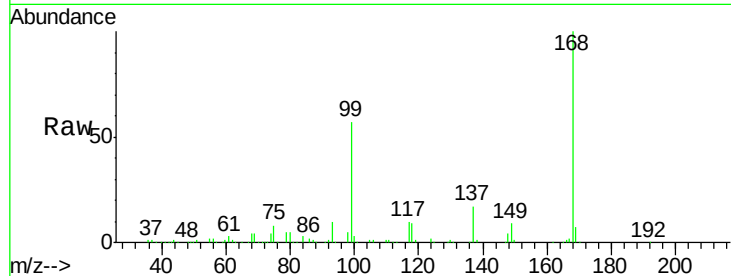
SB-02-1.0-1.5

Tot Ion:168 Resp: 769625

Ion Ratio Lower Upper

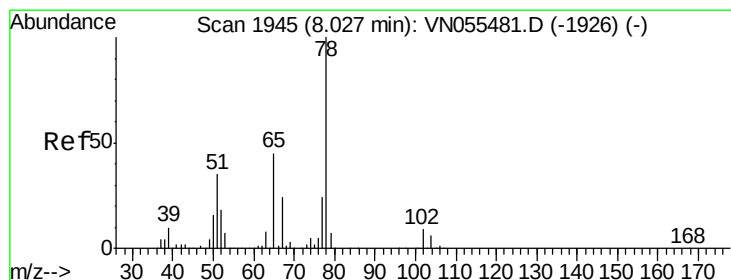
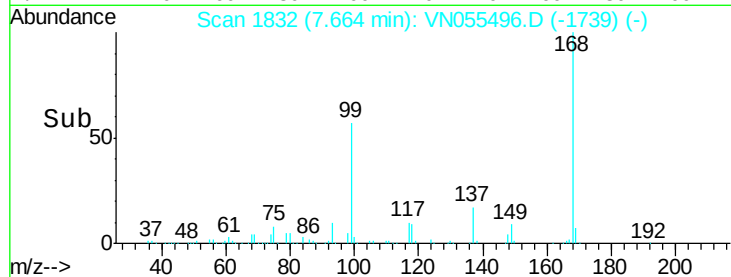
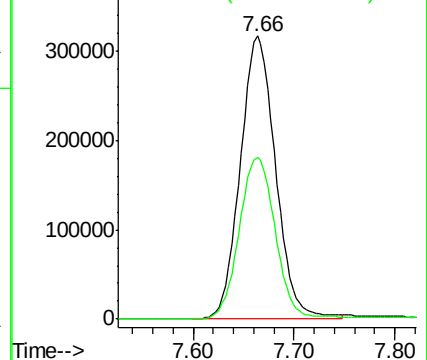
168 100

99 57.3 47.0 70.4



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: 46.399 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055496.D

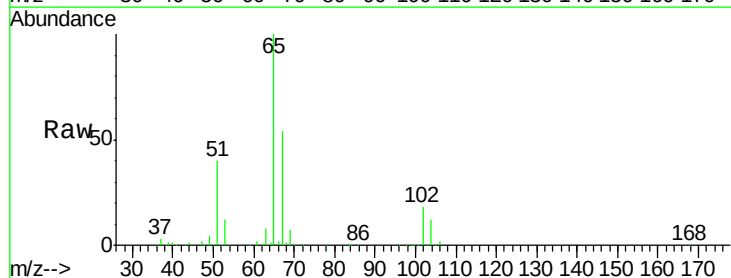
Acq: 9 May 2019 14:48

Tgt Ion: 65 Resp: 537674

Ion Ratio Lower Upper

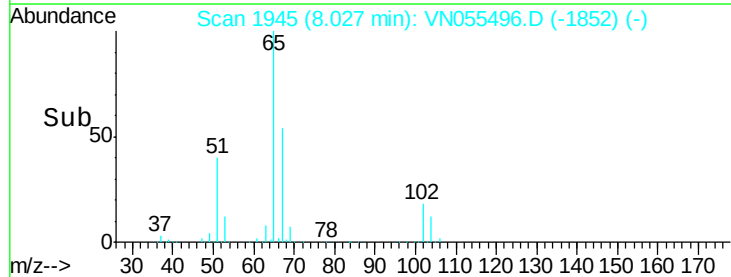
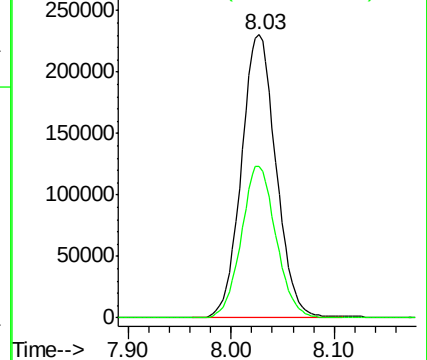
65 100

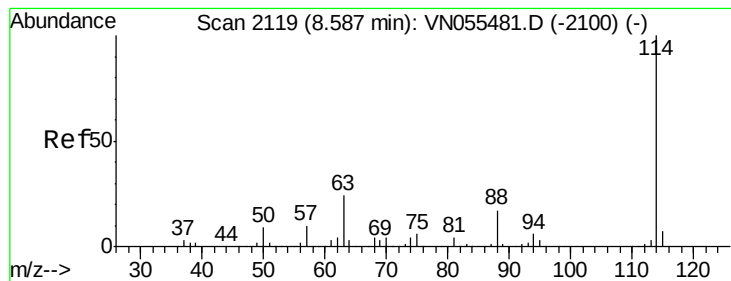
67 53.5 0.0 109.6



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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

SB-02-1.0-1.5

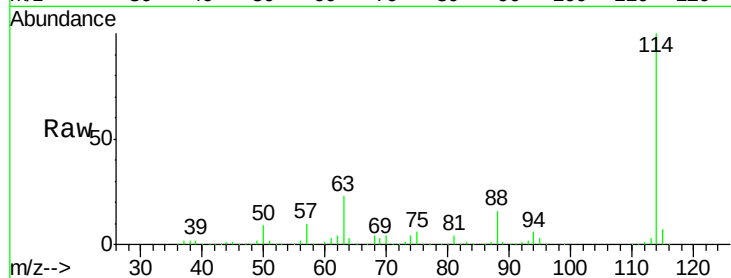
Tot Ion:114 Resp: 1306082

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.4

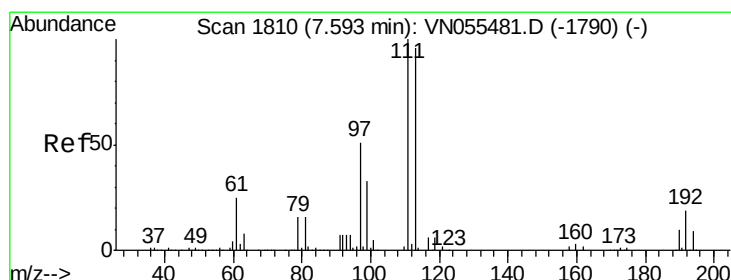
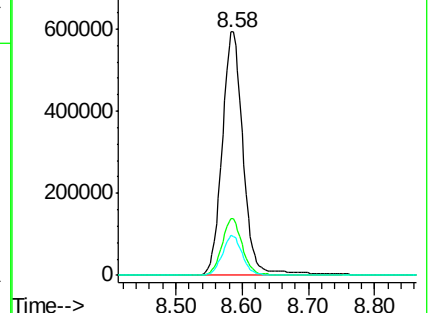
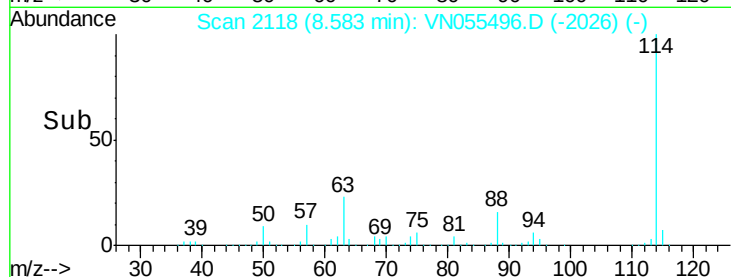
88 16.4 0.0 34.0



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: 47.179 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

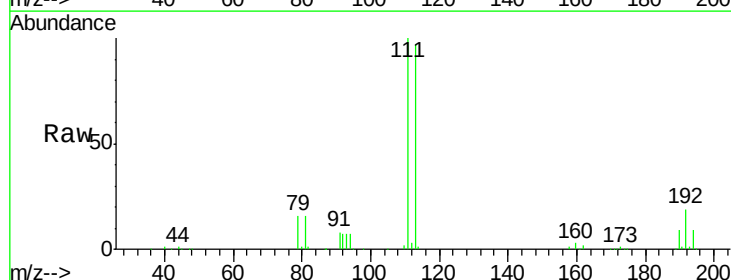
Tgt Ion:113 Resp: 397495

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

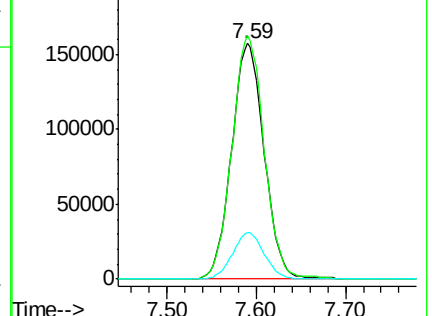
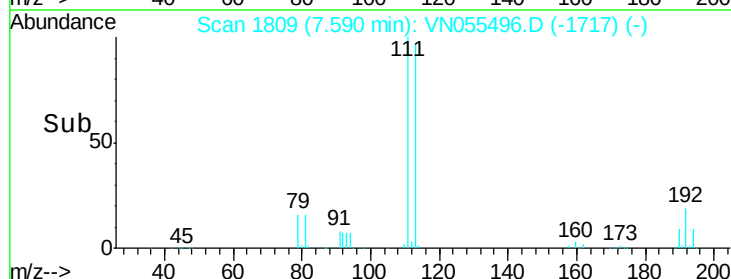
192 19.3 15.6 23.4

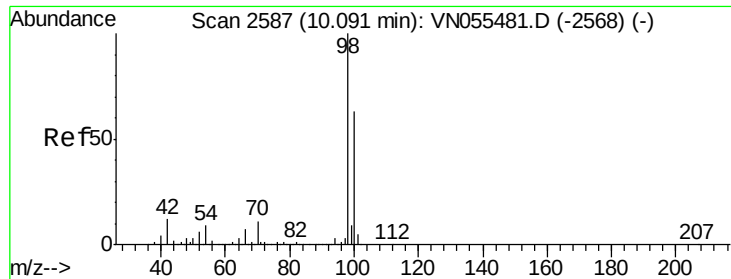


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.510 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampled :

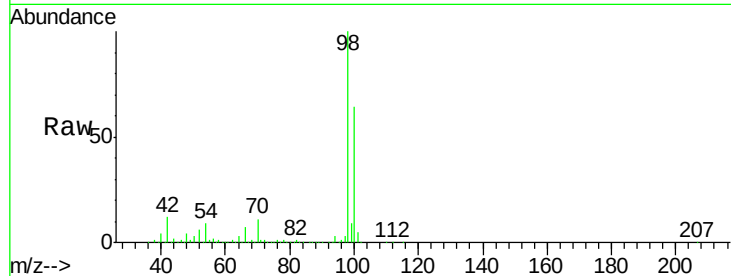
SB-02-1.0-1.5

Tot Ion: 98 Resp: 1592687

Ion Ratio Lower Upper

98 100

100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055481.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN055481.D (-2568) (-)

10.09

800000

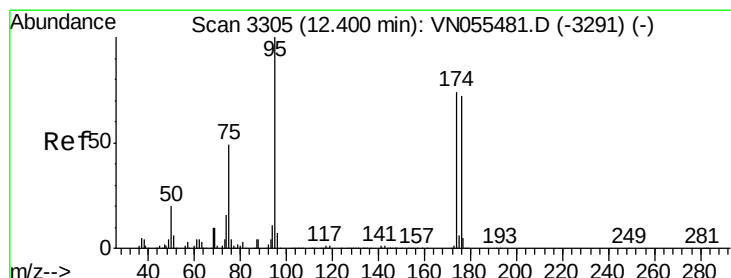
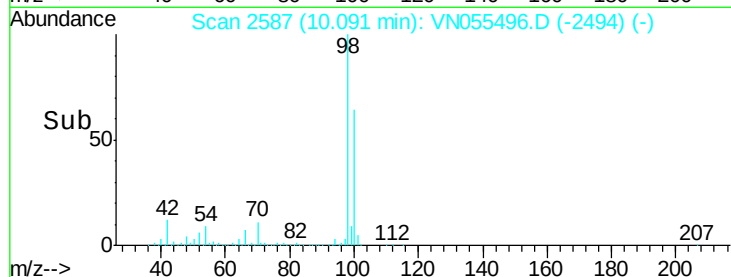
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.878 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

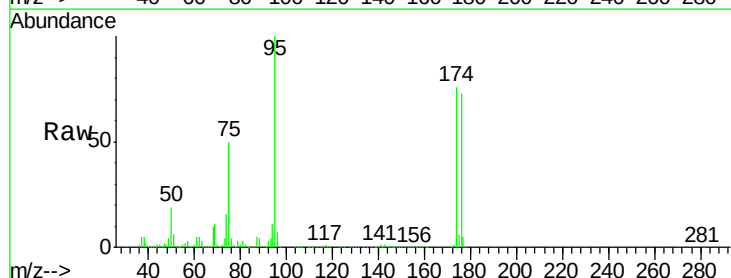
Tgt Ion: 95 Resp: 518973

Ion Ratio Lower Upper

95 100

174 76.9 0.0 152.2

176 74.3 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)

12.40

400000

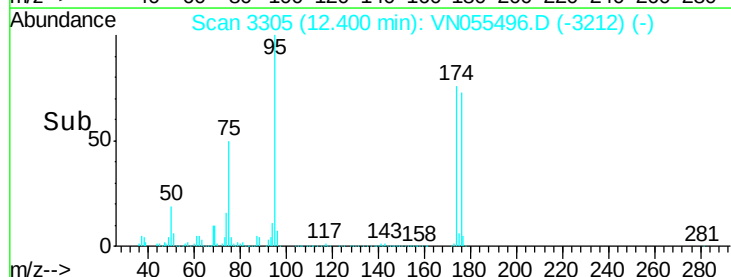
300000

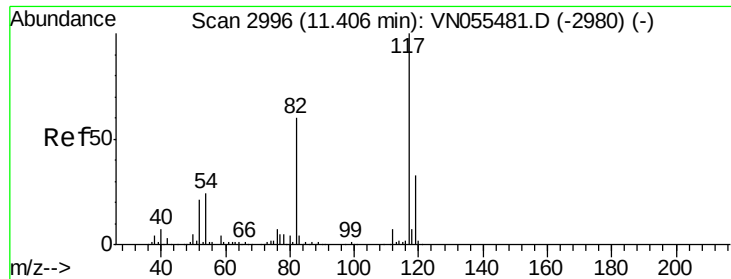
200000

100000

0

Time-->

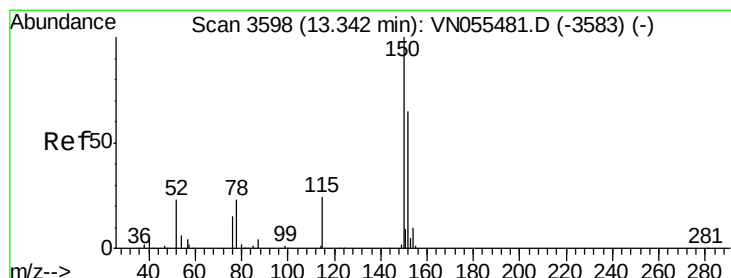
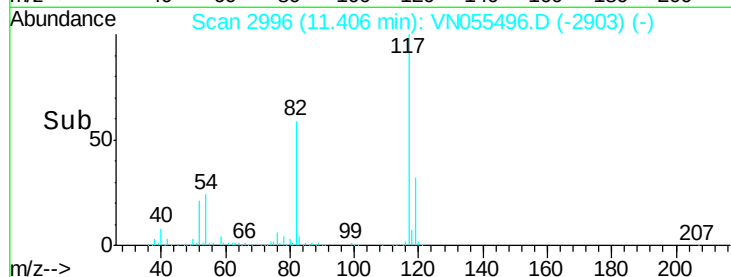
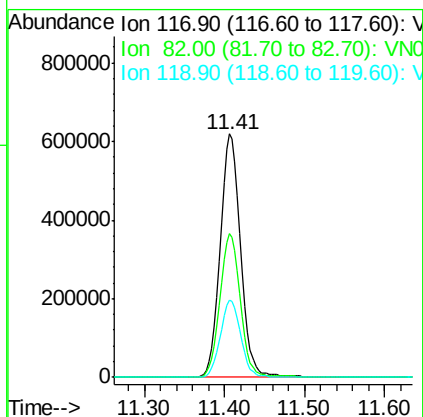
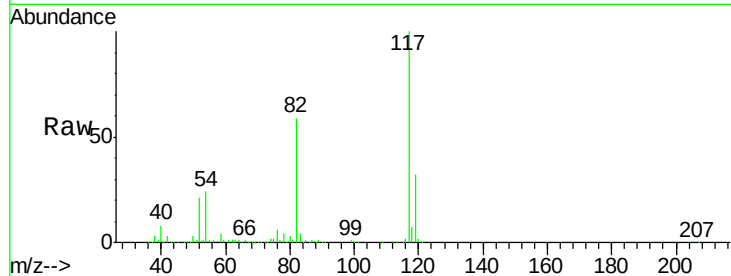




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055496.D
Acq: 9 May 2019 14:48

Instrument :
MSVOA_N
ClientSampled :
SB-02-1.0-1.5

Tot Ion:117 Resp: 1096135
Ion Ratio Lower Upper
117 100
82 59.0 48.0 72.0
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055496.D
Acq: 9 May 2019 14:48

Tgt Ion:152 Resp: 410955
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.5
150 156.3 0.0 355.0

