

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
 Data File : VN055430.D
 Acq On : 7 May 2019 12:08
 Operator : JC/SP
 Sample : VN0507MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507MBL01

Quant Time: May 07 16:57:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	509251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	793291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	616823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156579	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	316683	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
35) Dibromofluoromethane	7.59	113	251557	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.09	98	922931	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.40	95	250922	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	

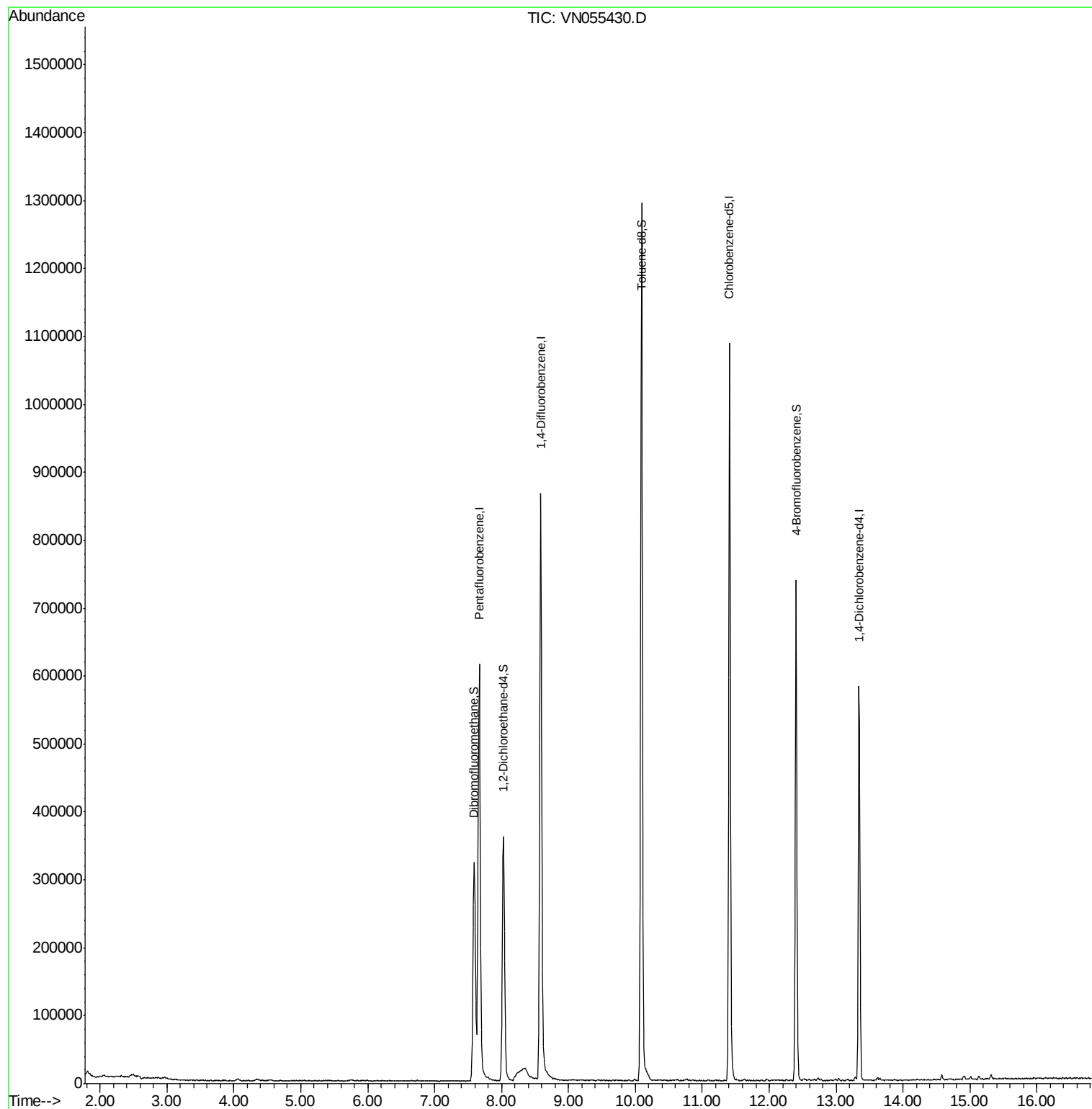
Target Compounds	Qvalue

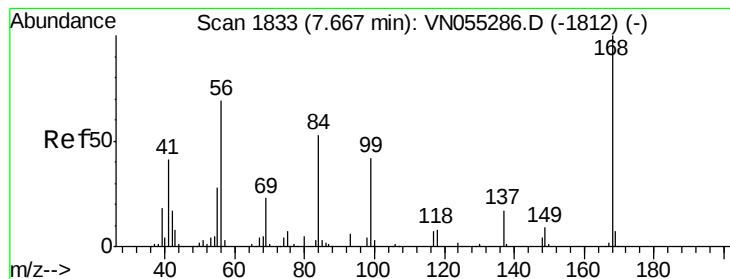
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055430.D

Acq: 7 May 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

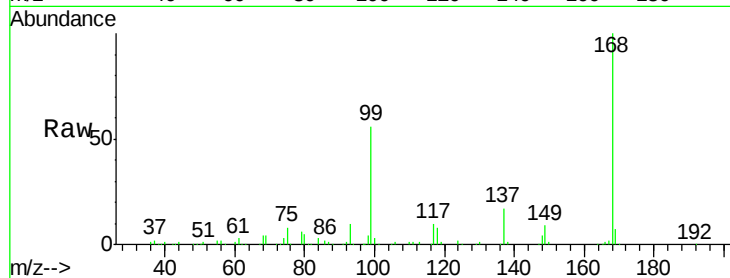
VN0507MBL01

Tot Ion:168 Resp: 509251

Ion Ratio Lower Upper

168 100

99 56.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

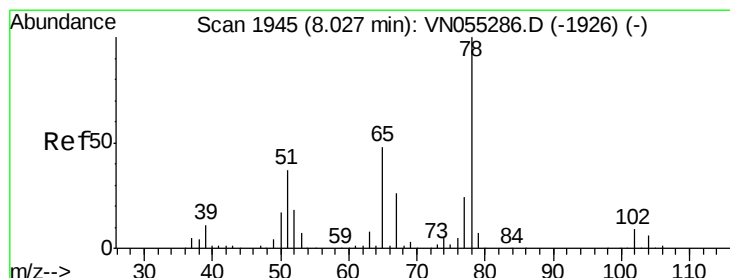
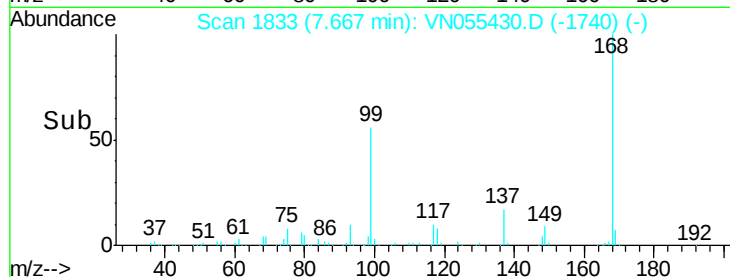
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.535 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055430.D

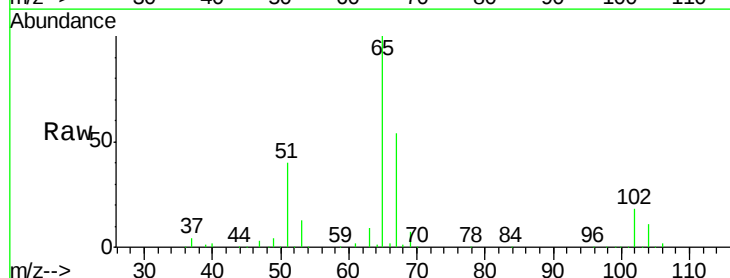
Acq: 7 May 2019 12:08

Tgt Ion: 65 Resp: 316683

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

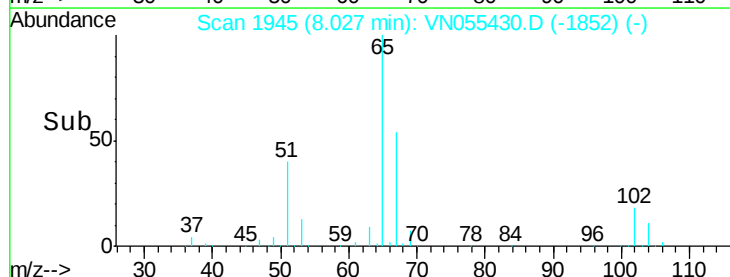
150000

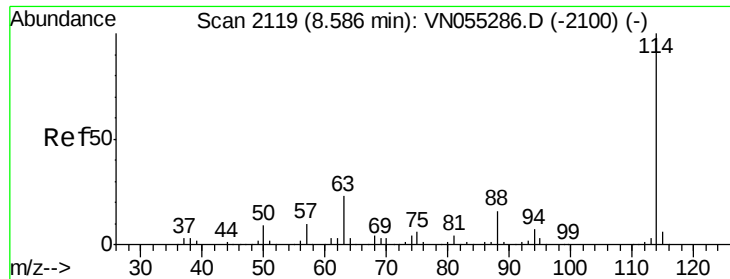
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055430.D

Acq: 7 May 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0507MBL01

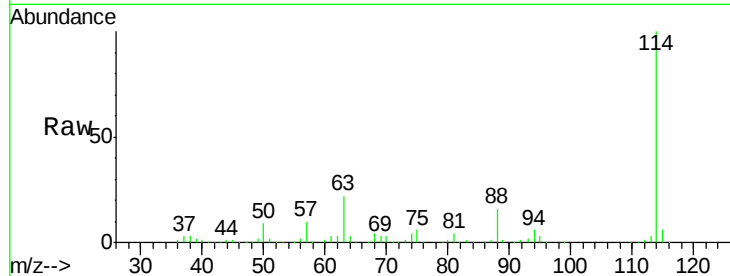
Tot Ion:114 Resp: 793291

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

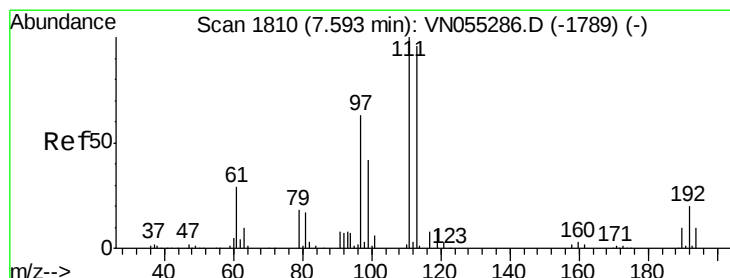
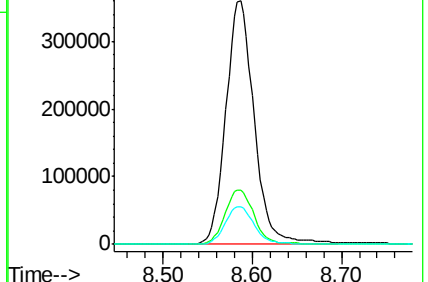
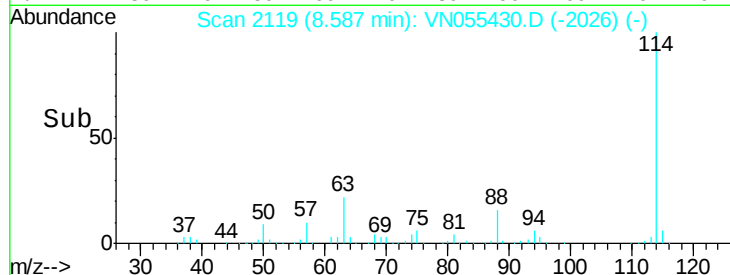
88 15.6 0.0 31.6



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: 48.312 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055430.D

Acq: 7 May 2019 12:08

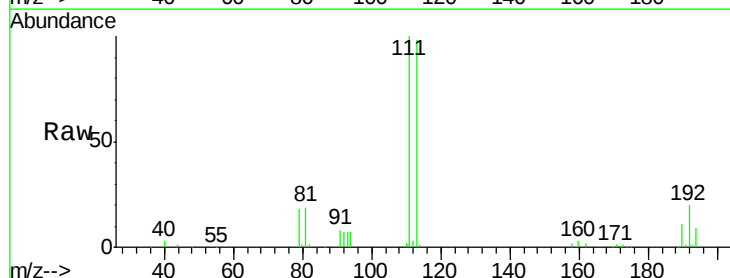
Tgt Ion:113 Resp: 251557

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

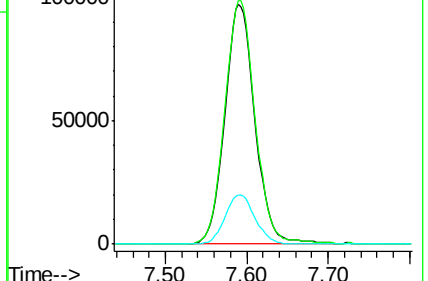
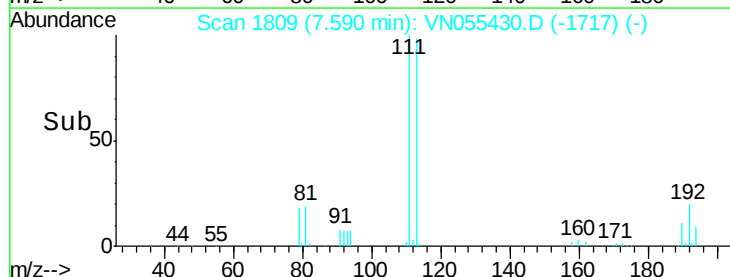
192 20.5 17.0 25.6

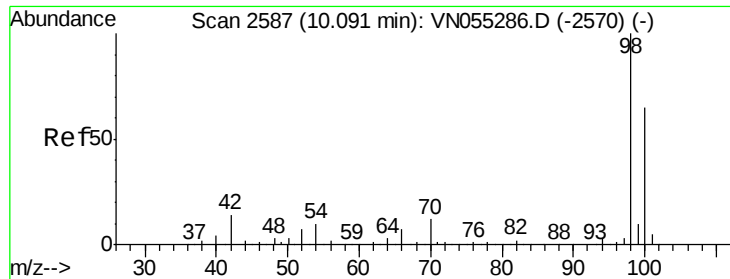


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.088 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055430.D

Acq: 7 May 2019 12:08

Instrument :

MSVOA_N

ClientSampled :

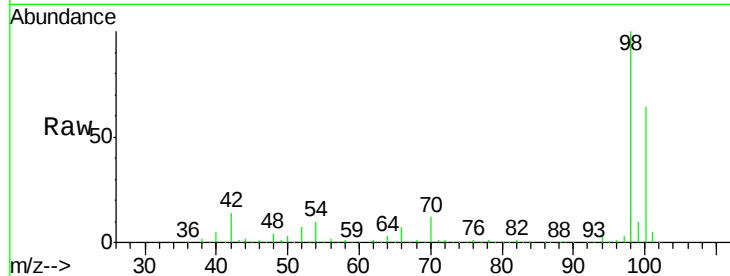
VN0507MBL01

Tot Ion: 98 Resp: 922931

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

10.09

500000

400000

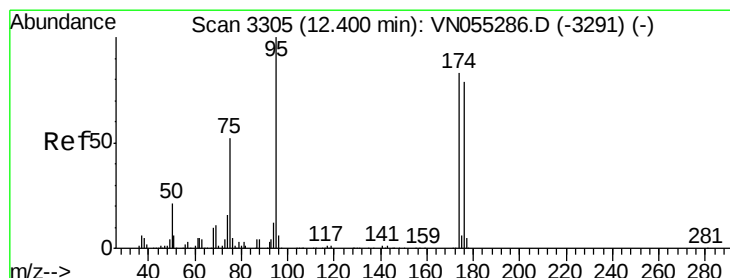
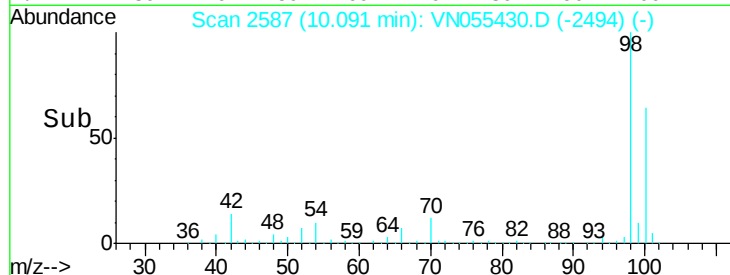
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.702 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055430.D

Acq: 7 May 2019 12:08

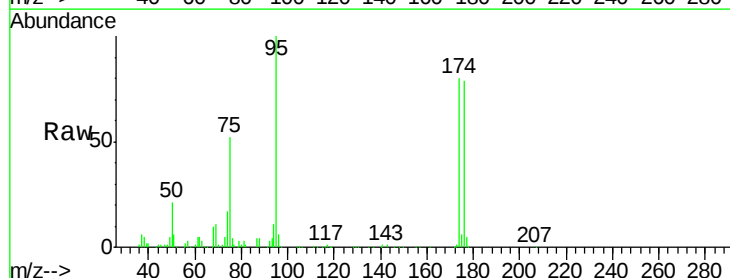
Tgt Ion: 95 Resp: 250922

Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.6

176 79.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

200000

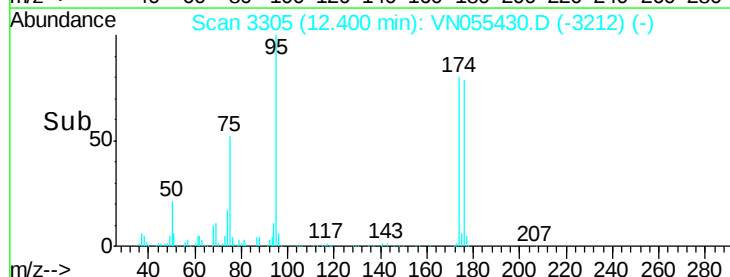
150000

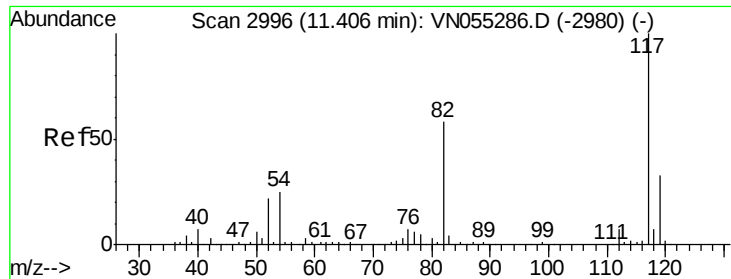
100000

50000

0

Time-->

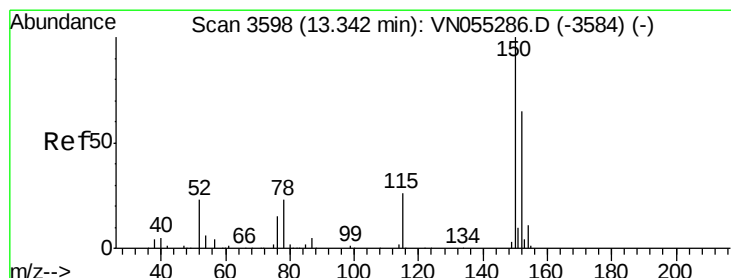
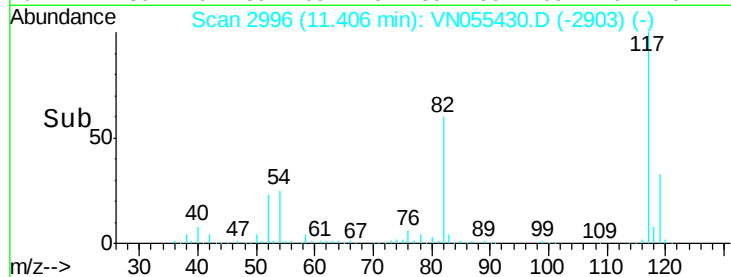
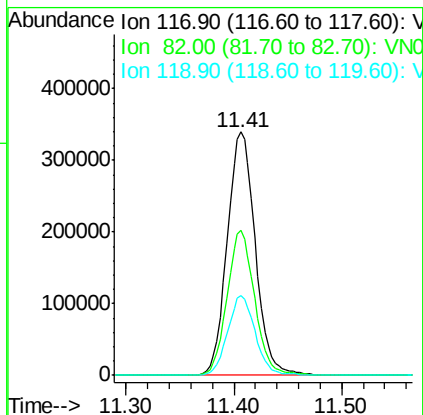
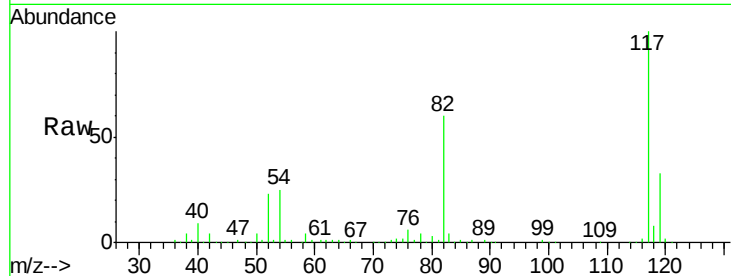




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055430.D
Acq: 7 May 2019 12:08

Instrument :
MSVOA_N
ClientSampled :
VN0507MBL01

Tot Ion:117 Resp: 616823
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055430.D
Acq: 7 May 2019 12:08

Tgt Ion:152 Resp: 156579
Ion Ratio Lower Upper
152 100
115 57.6 29.0 87.0
150 156.9 0.0 345.6

