

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052831.D
 Acq On : 12 Dec 2018 17:07
 Operator : MD\SY
 Sample : VN1212WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBL02

Quant Time: Dec 13 04:21:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1196879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1856436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1667169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	666641	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	610855	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.59	113	542508	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.09	98	2269447	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	740773	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

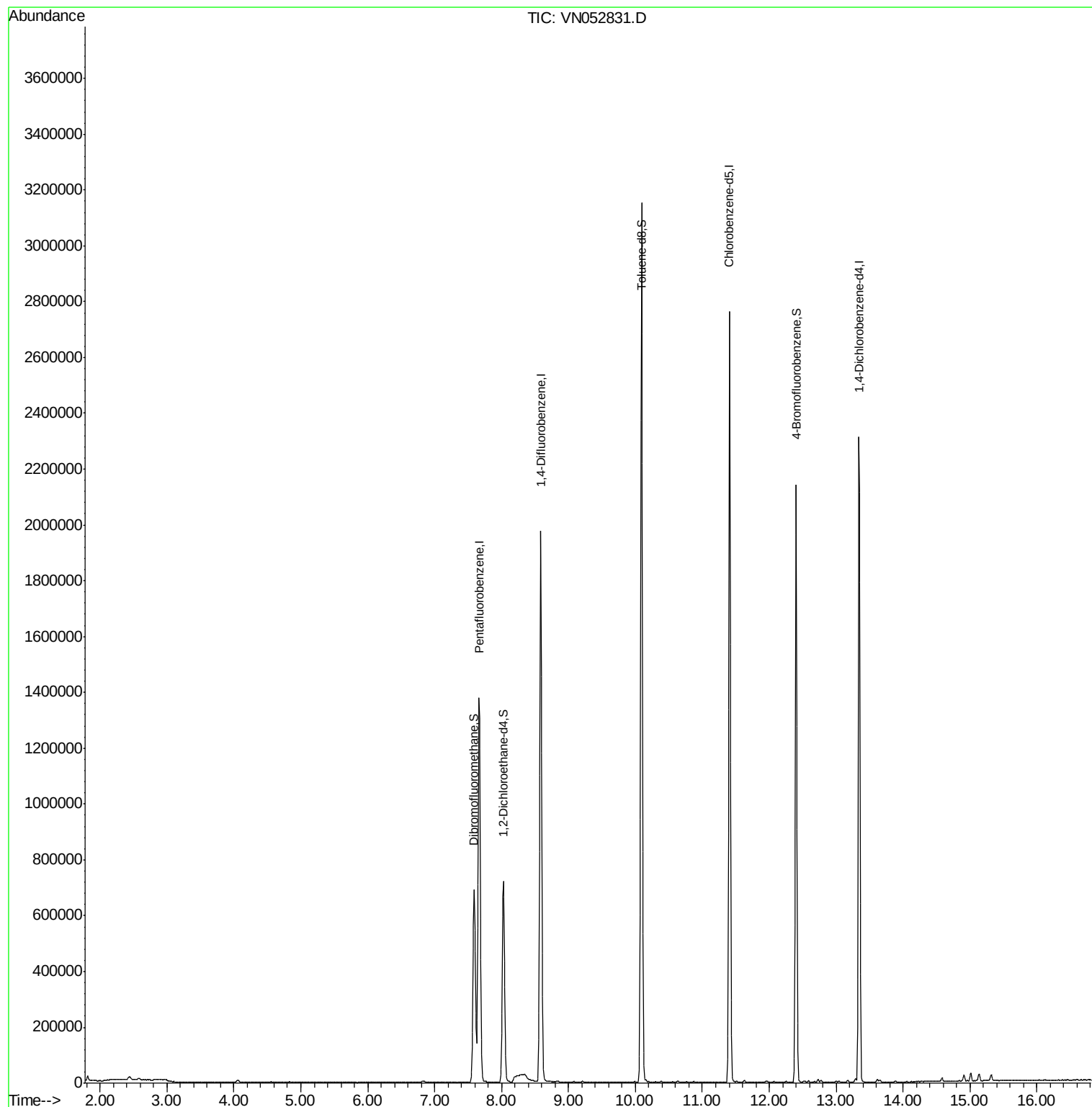
Target Compounds	Qvalue

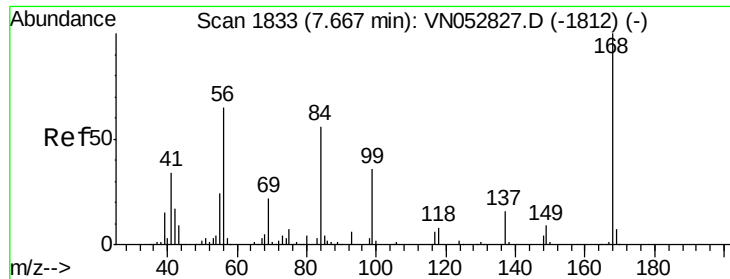
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052831.D

Acq: 12 Dec 2018 17:07

Instrument :

MSVOA_N

ClientSampleId :

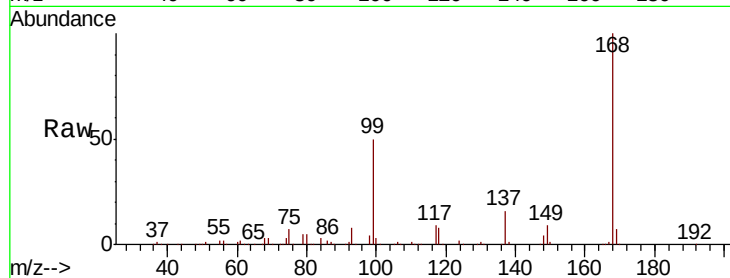
VN1212WBL02

Tot Ion:168 Resp: 1196879

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

600000

500000

400000

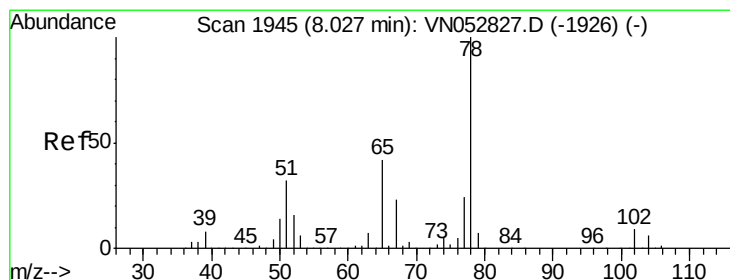
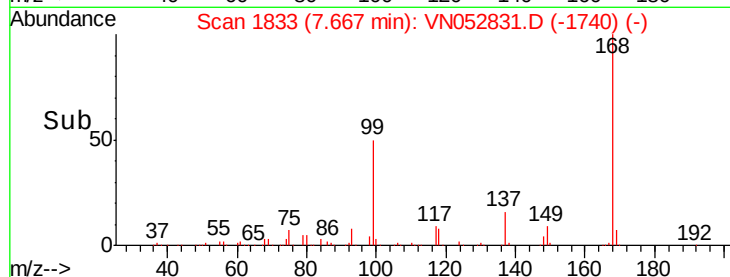
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052831.D

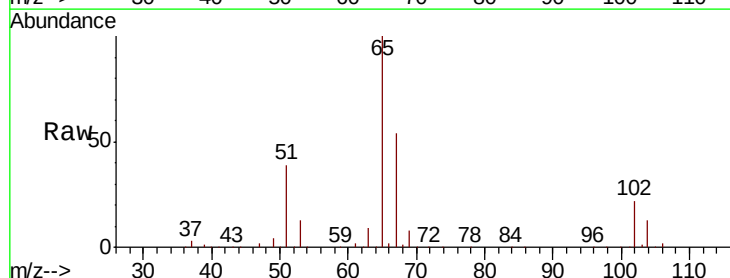
Acq: 12 Dec 2018 17:07

Tgt Ion: 65 Resp: 610855

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052827.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052827.D (-1926) (-)

8.03

300000

250000

200000

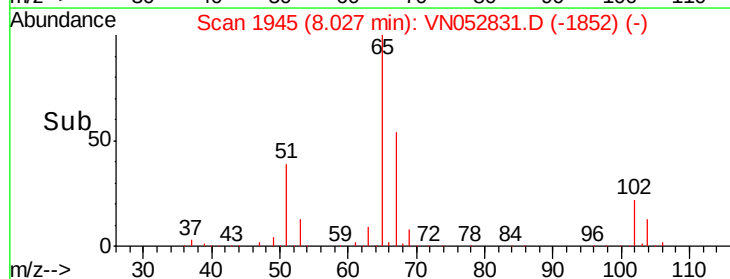
150000

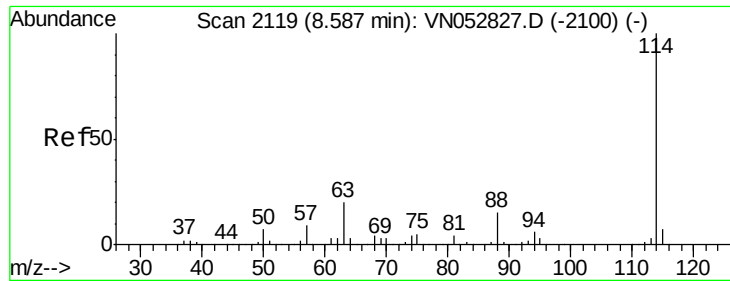
100000

50000

0

Time-->

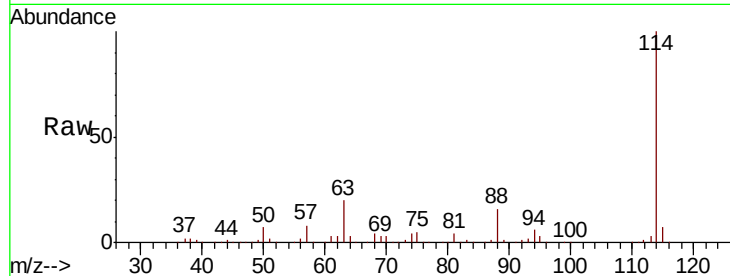




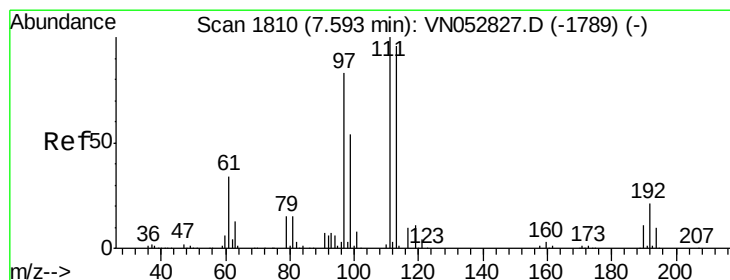
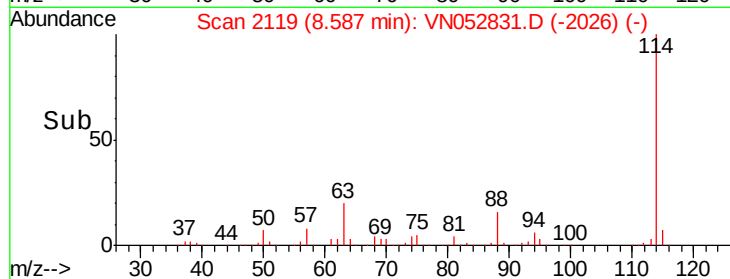
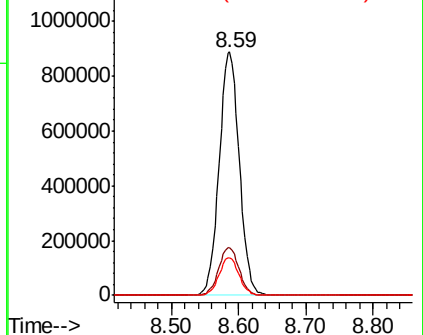
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052831.D
Acq: 12 Dec 2018 17:07

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL02

Tot Ion:114 Resp: 1856436
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.8
88 15.6 0.0 31.0

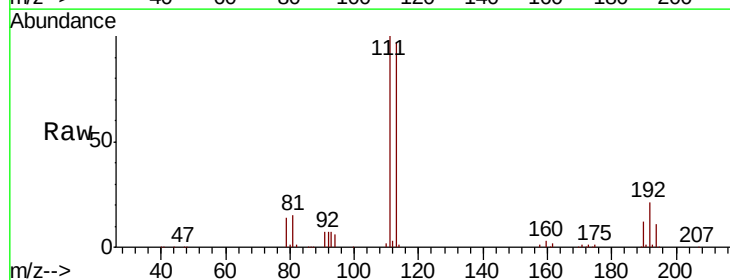


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

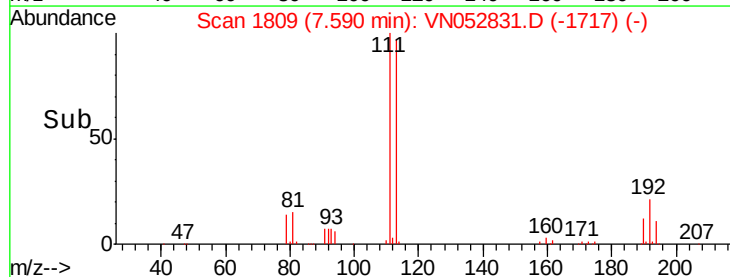
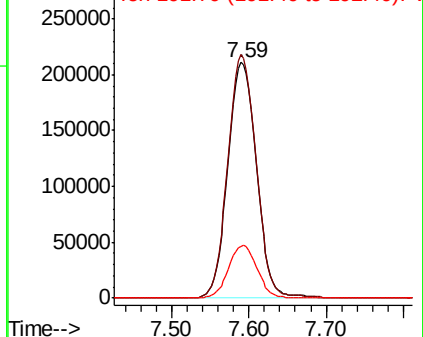


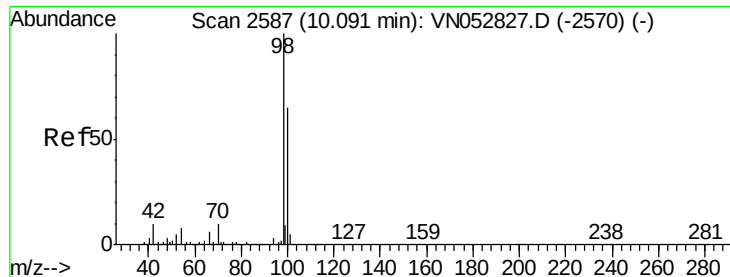
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052831.D
Acq: 12 Dec 2018 17:07

Tgt Ion:113 Resp: 542508
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 22.3 17.5 26.3



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052831.D

Acq: 12 Dec 2018 17:07

Instrument :

MSVOA_N

ClientSampleId :

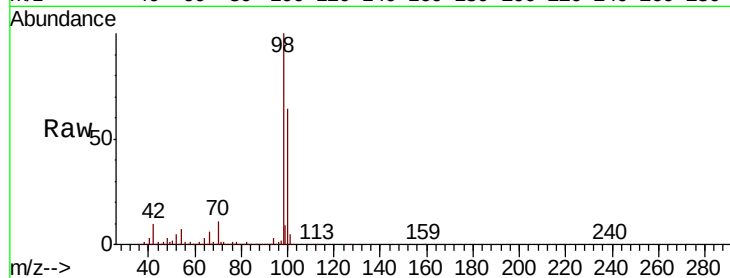
VN1212WBL02

Tot Ion: 98 Resp: 2269447

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052827.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052827.D (-2570) (-)

10.09

1500000

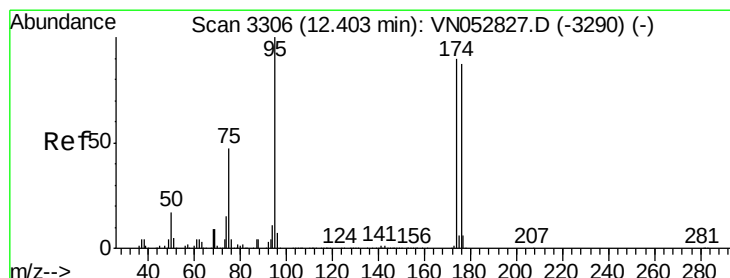
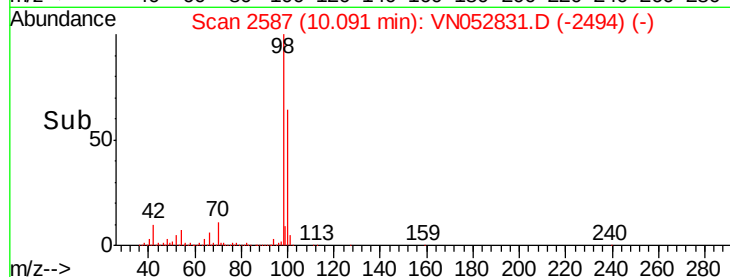
1000000

500000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN052831.D

Acq: 12 Dec 2018 17:07

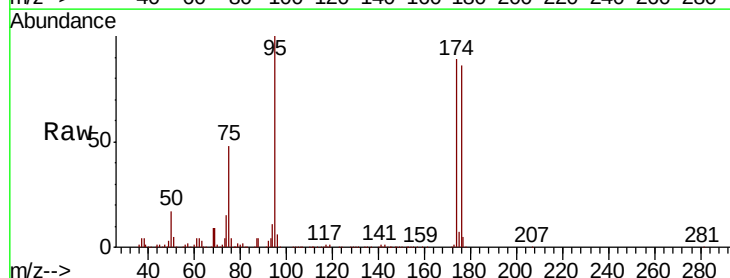
Tgt Ion: 95 Resp: 740773

Ion Ratio Lower Upper

95 100

174 88.4 0.0 178.8

176 85.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)

12.40

600000

500000

400000

300000

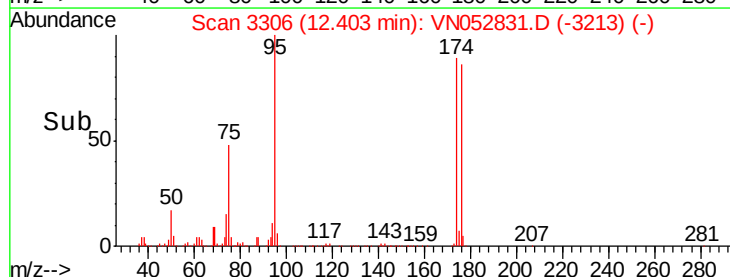
200000

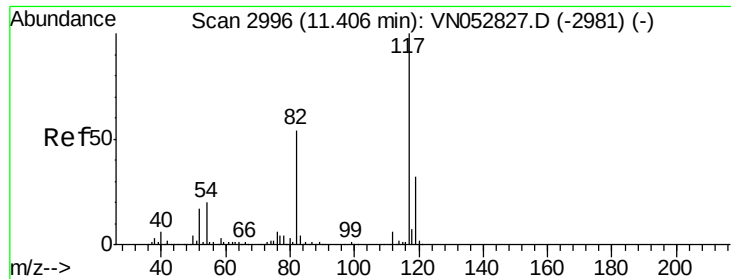
100000

0

Time-->

12.30 12.40 12.50

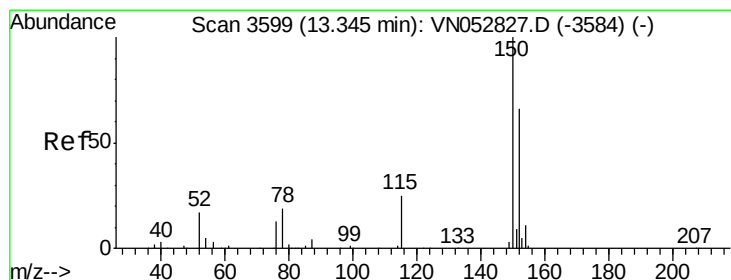
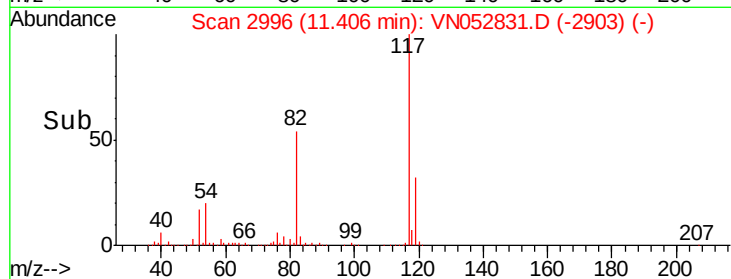
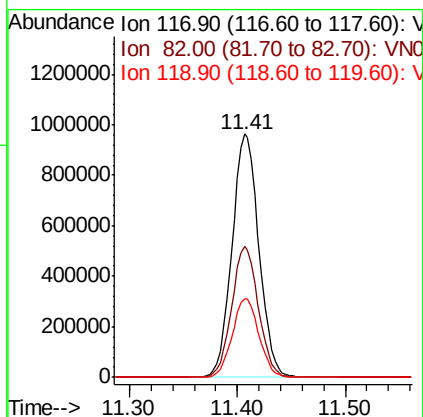
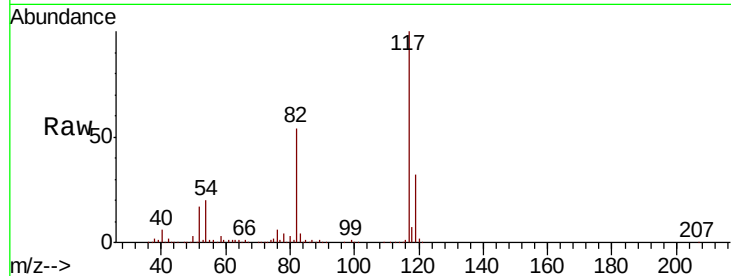




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052831.D
Acq: 12 Dec 2018 17:07

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL02

Tot Ion:117 Resp: 1667169
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052831.D
Acq: 12 Dec 2018 17:07

Tgt Ion:152 Resp: 666641
Ion Ratio Lower Upper
152 100
115 56.9 28.3 85.0
150 155.2 0.0 347.8

