

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051881.D
 Acq On : 16 Oct 2018 9:08
 Operator : MD\SY
 Sample : VN1016WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBL01

Quant Time: Oct 17 03:02:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	927131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1329017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1140019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411255	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	502132	56.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.32%	
35) Dibromofluoromethane	7.59	113	499308	60.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.84%	
50) Toluene-d8	10.09	98	1814271	58.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.84%	
62) 4-Bromofluorobenzene	12.40	95	512277	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

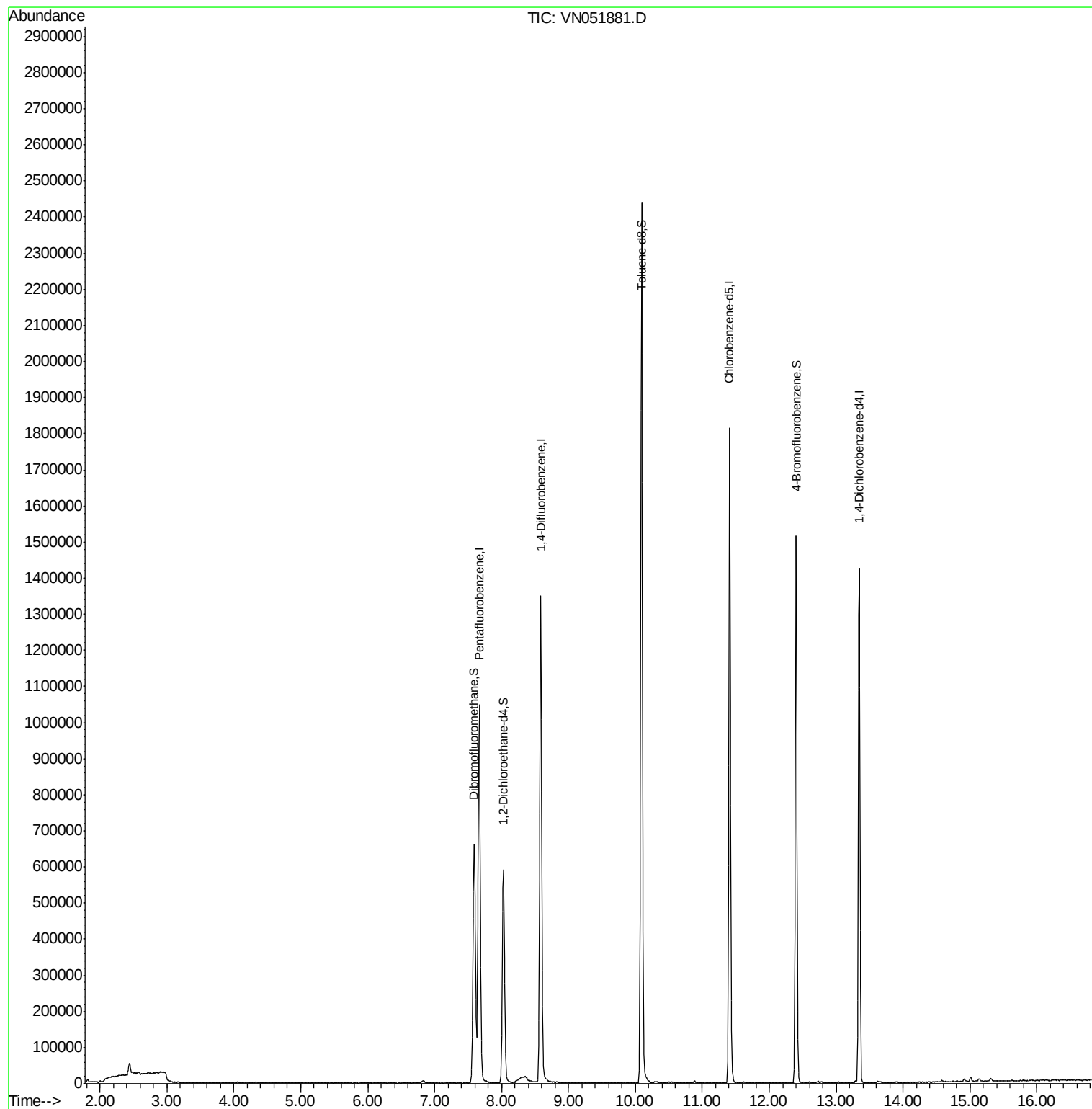
Target Compounds	Qvalue
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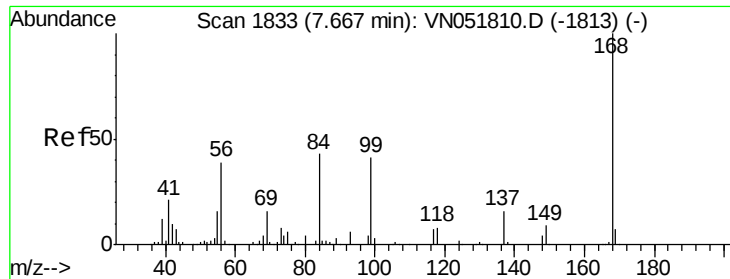
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051881.D

Acq: 16 Oct 2018 9:08

Instrument :

MSVOA_N

ClientSampleId :

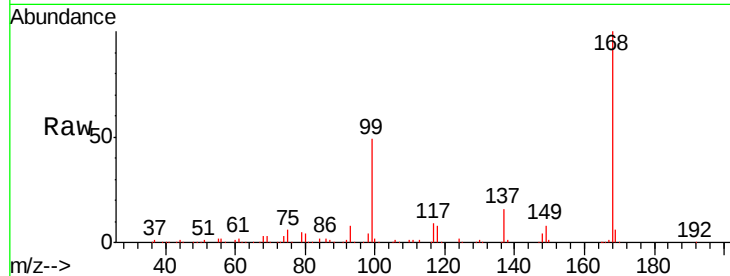
VN1016WBL01

Tgt Ion:168 Resp: 927131

Ion Ratio Lower Upper

168 100

99 48.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

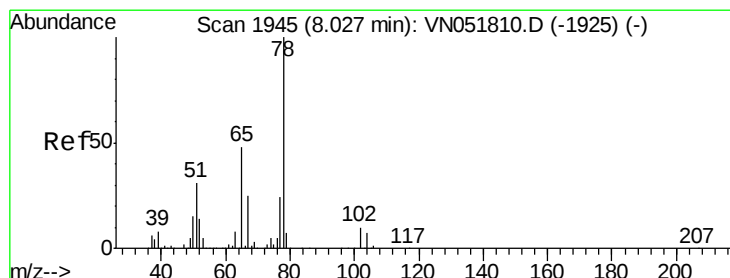
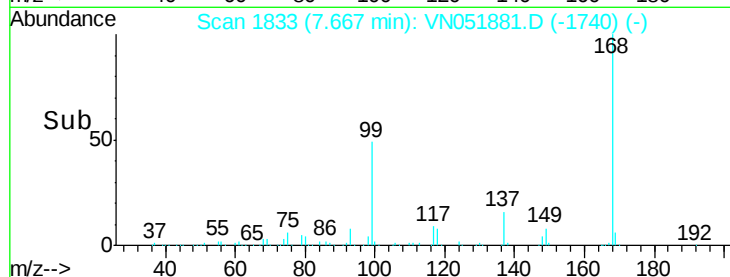
200000

100000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051881.D

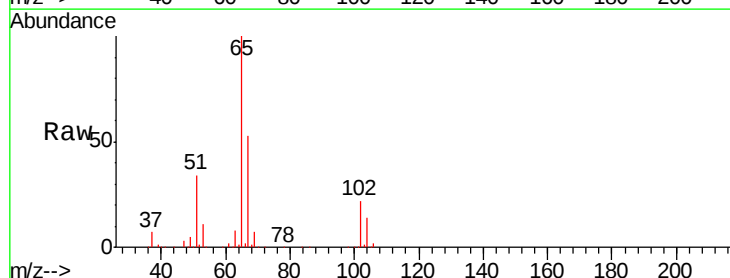
Acq: 16 Oct 2018 9:08

Tgt Ion: 65 Resp: 502132

Ion Ratio Lower Upper

65 100

67 51.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

250000

200000

150000

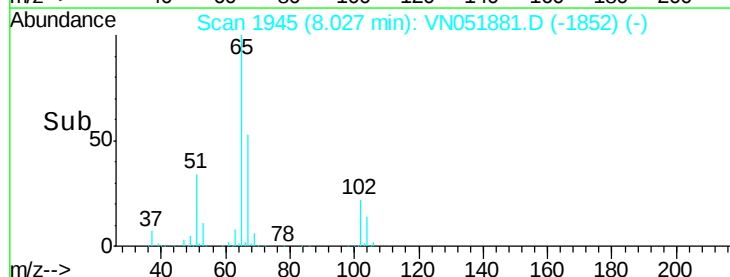
100000

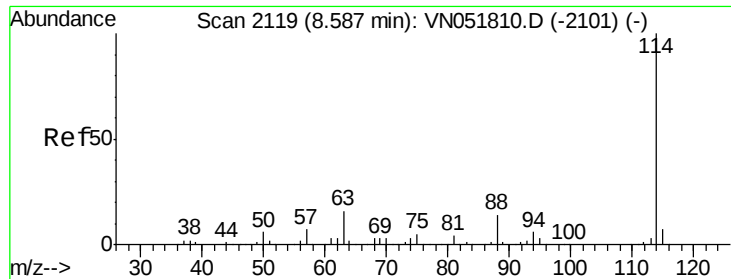
50000

0

Time-->

7.90 8.00 8.10

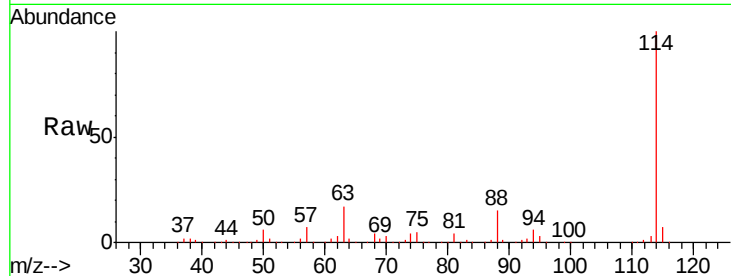




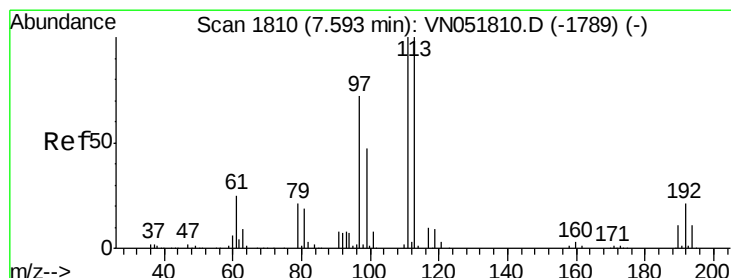
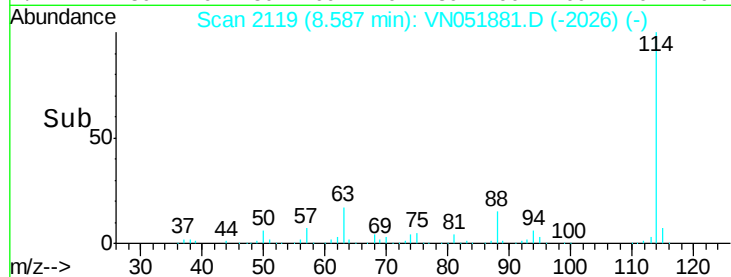
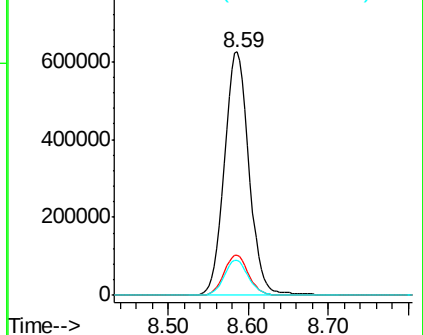
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051881.D
 Acq: 16 Oct 2018 9:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBL01

Tgt Ion:114 Resp: 1329017
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 38.6
 88 14.6 0.0 30.6

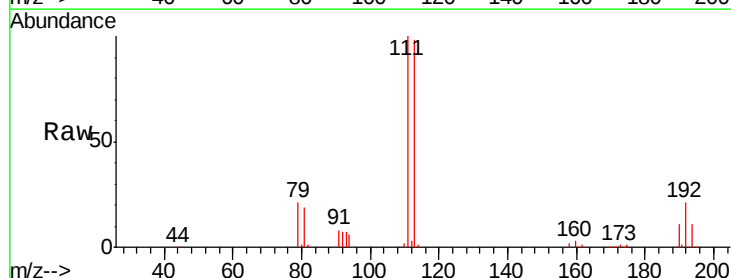


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

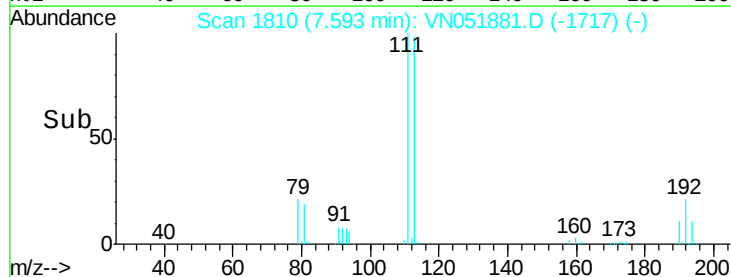
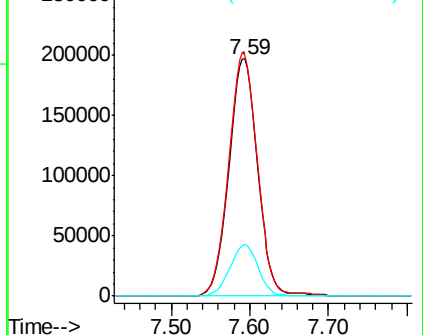


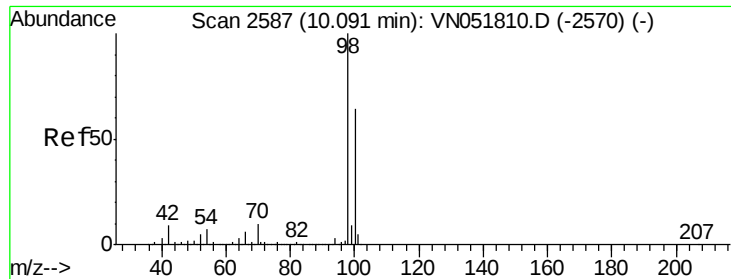
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051881.D
 Acq: 16 Oct 2018 9:08

Tgt Ion:113 Resp: 499308
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 123.8
 192 21.4 18.0 27.0



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: VN051881.D

Acq: 16 Oct 2018 9:08

Instrument :

MSVOA_N

ClientSampled :

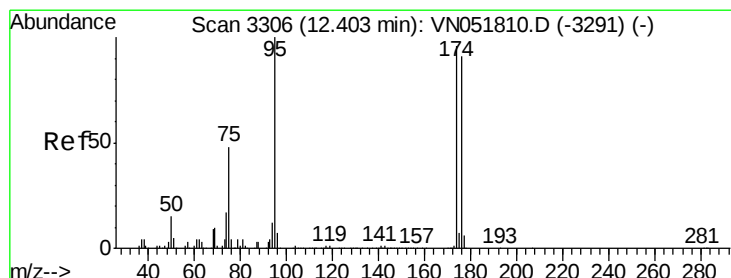
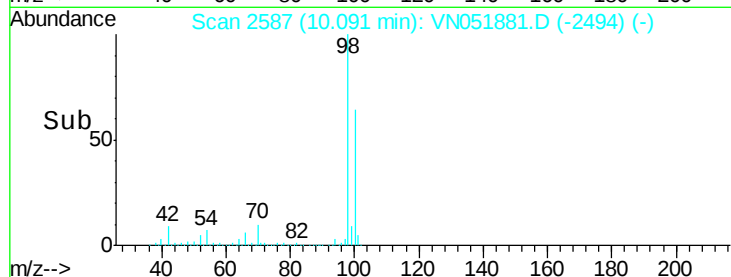
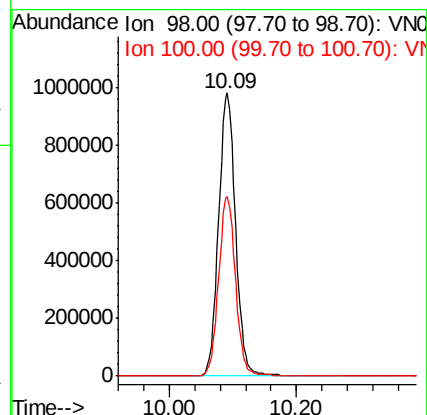
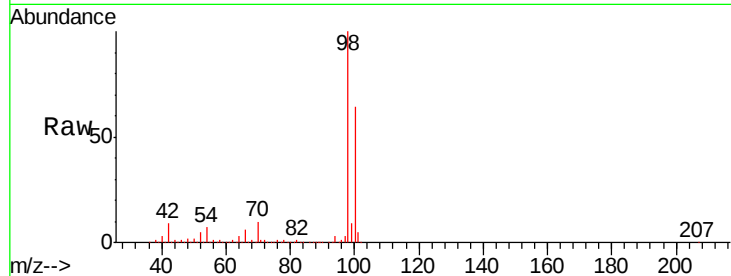
VN1016WBL01

Tgt Ion: 98 Resp: 1814271

Ion Ratio Lower Upper

98 100

100 63.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051881.D

Acq: 16 Oct 2018 9:08

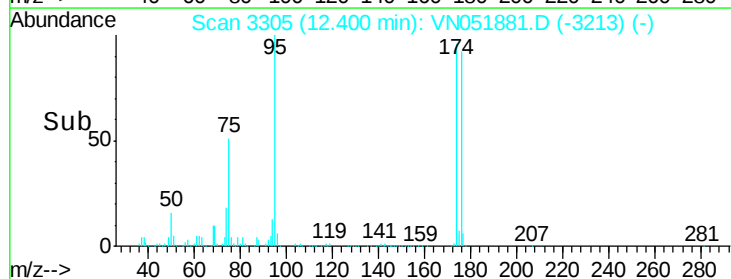
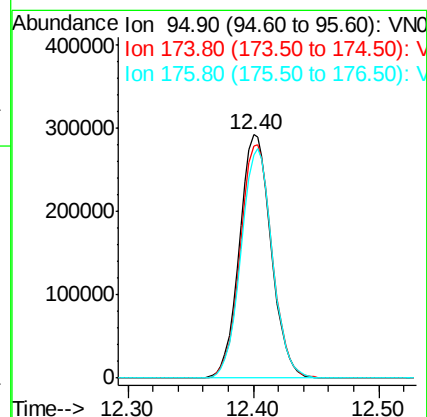
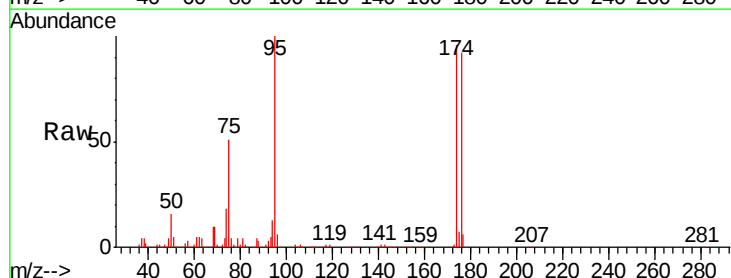
Tgt Ion: 95 Resp: 512277

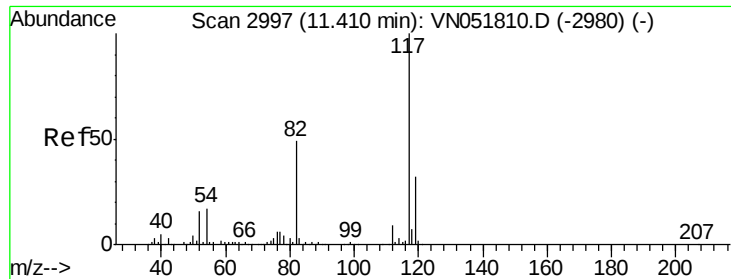
Ion Ratio Lower Upper

95 100

174 96.4 0.0 183.0

176 93.3 0.0 178.8

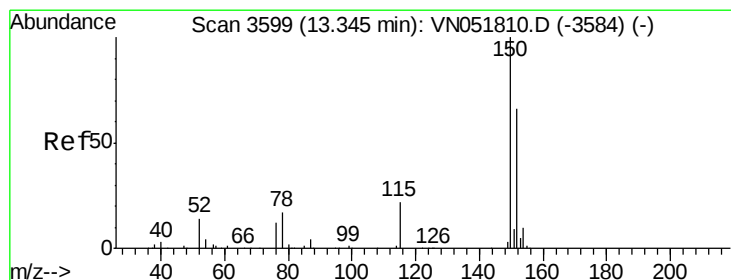
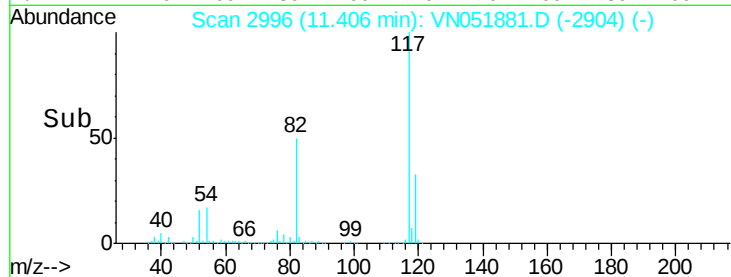
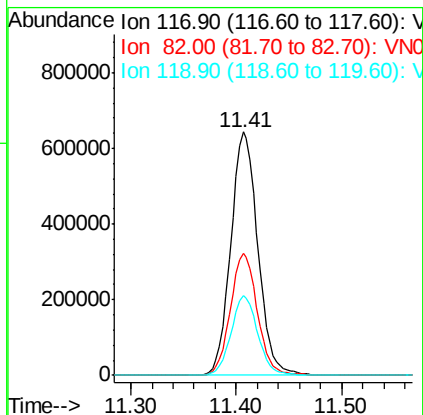
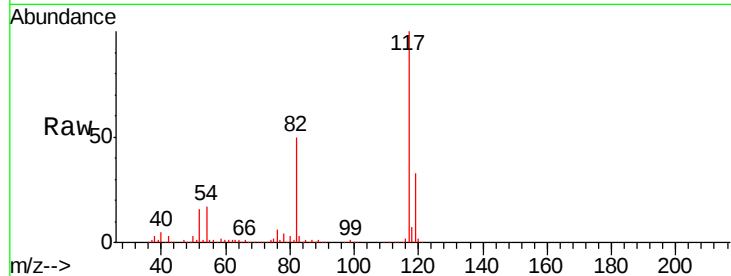




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBL01

Tgt Ion:117 Resp: 1140019
Ion Ratio Lower Upper
117 100
82 50.1 42.6 64.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051881.D
Acq: 16 Oct 2018 9:08

Tgt Ion:152 Resp: 411255
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.4
150 157.3 0.0 351.4

