

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052650.D
 Acq On : 4 Dec 2018 13:20
 Operator : MD\SY
 Sample : J6209-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 12.65

Quant Time: Dec 05 10:16:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1211427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1854912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1603267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	602783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	634580	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	7.59	113	579987	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.09	98	2251499	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.40	95	693194	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	

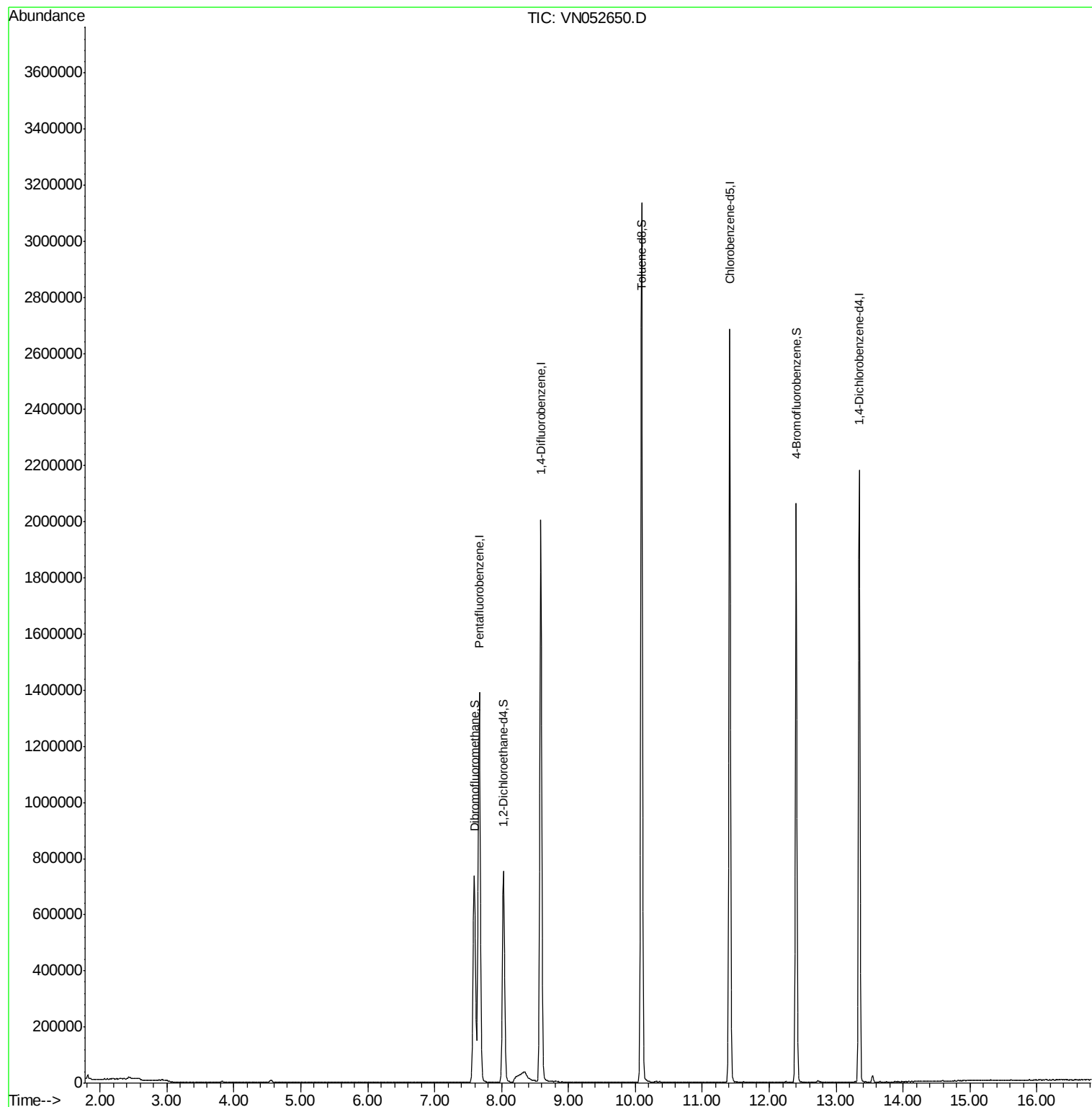
Target Compounds	Qvalue

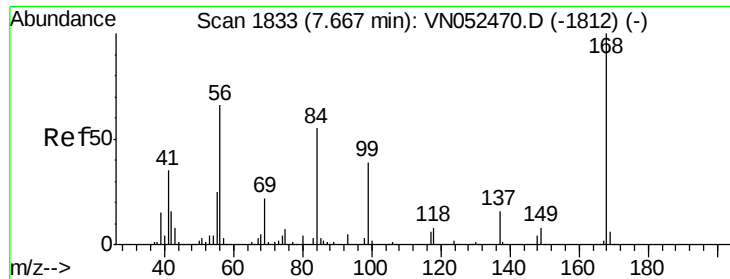
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
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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: VN052650.D

Acq: 4 Dec 2018 13:20

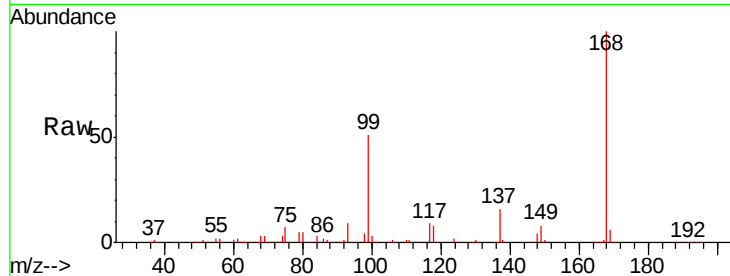
Instrument :
MSVOA_N
ClientSampled :
12.65

Tgt Ion:168 Resp: 1211427

Ion Ratio Lower Upper

168 100

99 50.5 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

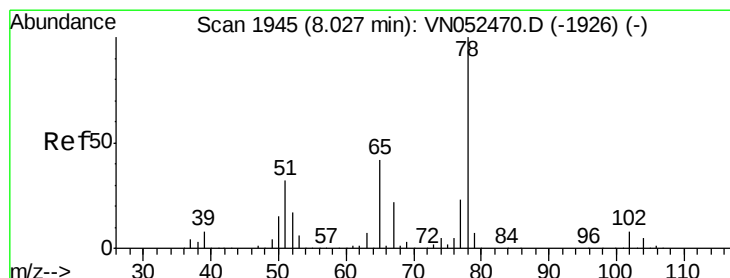
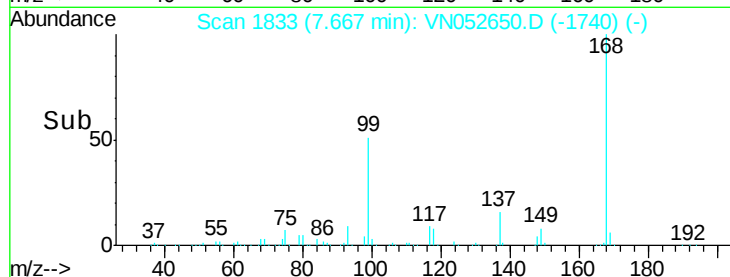
100000

0

7.67

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052650.D

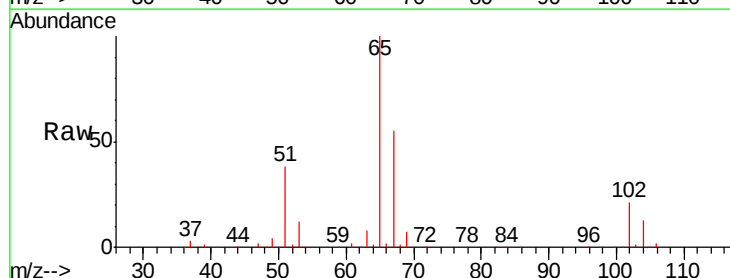
Acq: 4 Dec 2018 13:20

Tgt Ion: 65 Resp: 634580

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

300000

250000

200000

150000

100000

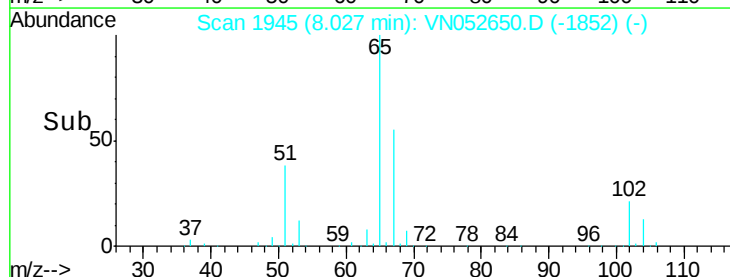
50000

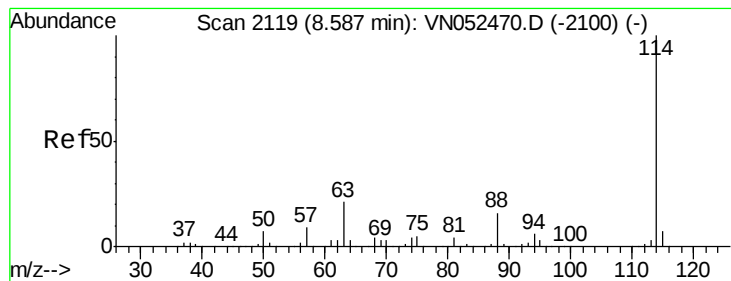
0

8.03

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

12.65

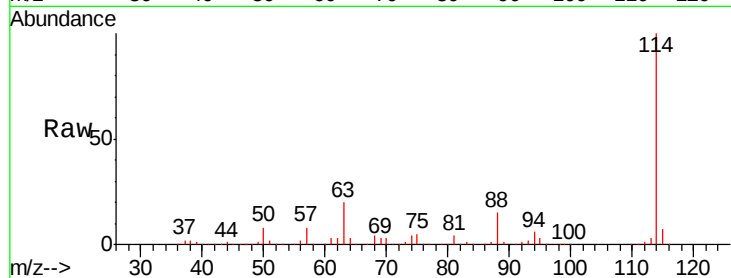
Tgt Ion:114 Resp: 1854912

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

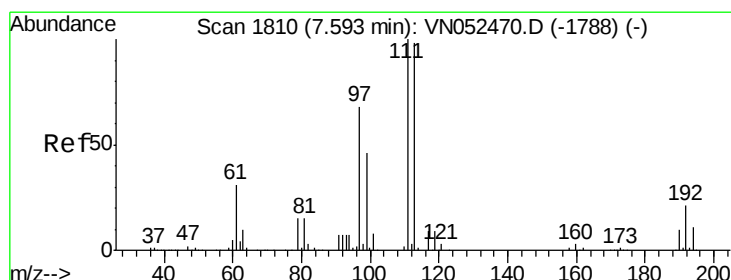
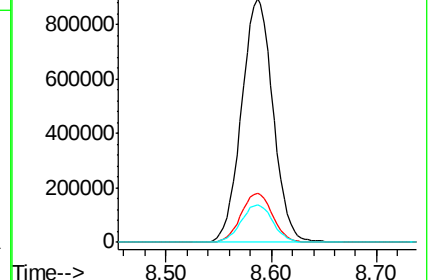
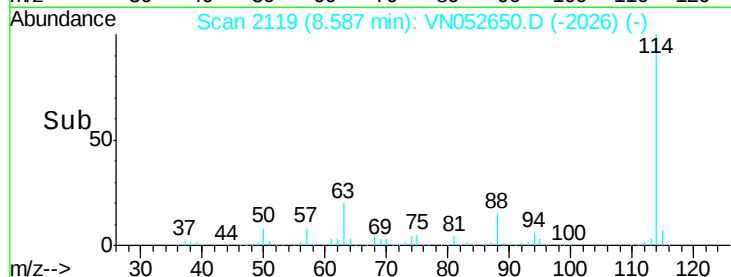
88 15.4 0.0 31.6



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

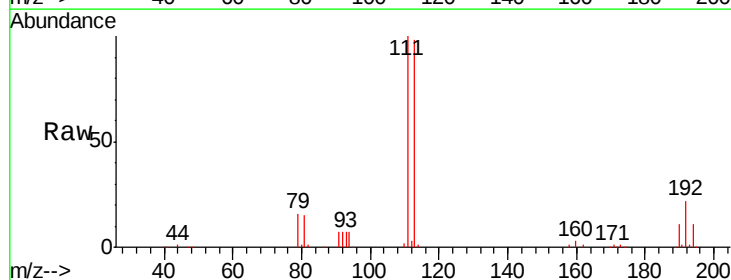
Tgt Ion:113 Resp: 579987

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

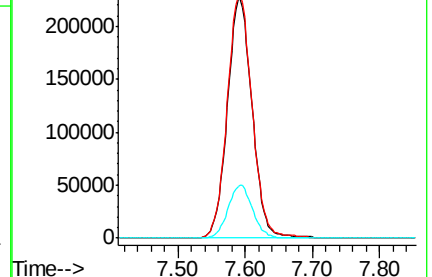
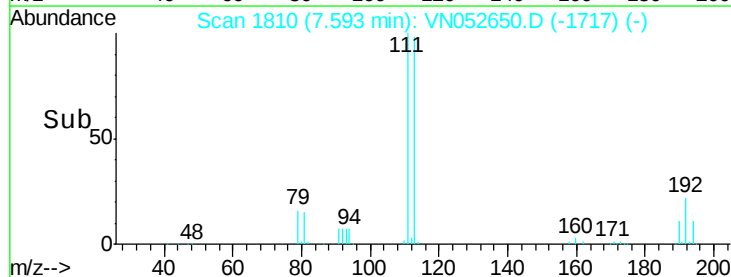
192 22.0 17.0 25.6

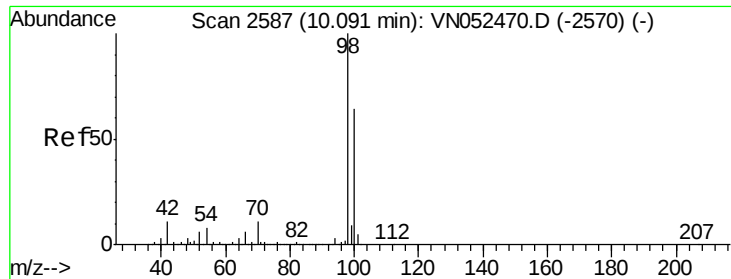


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

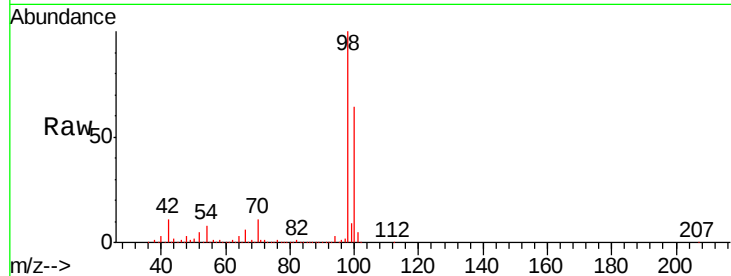
12.65

Tgt Ion: 98 Resp: 2251499

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

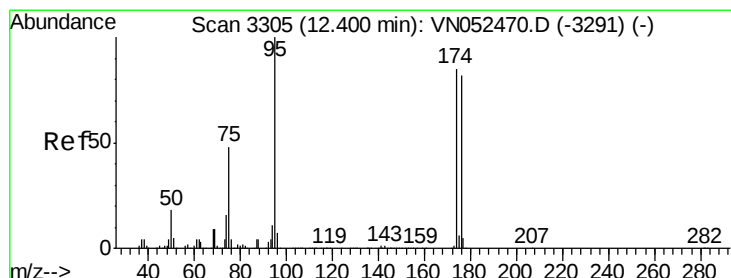
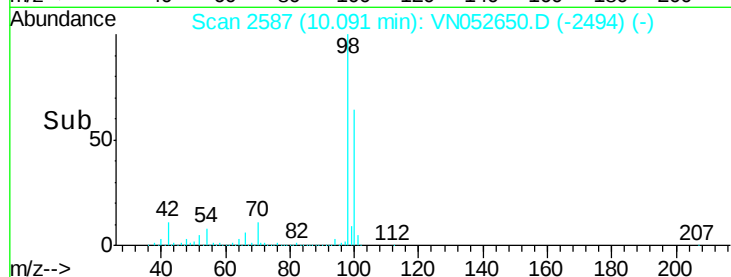
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

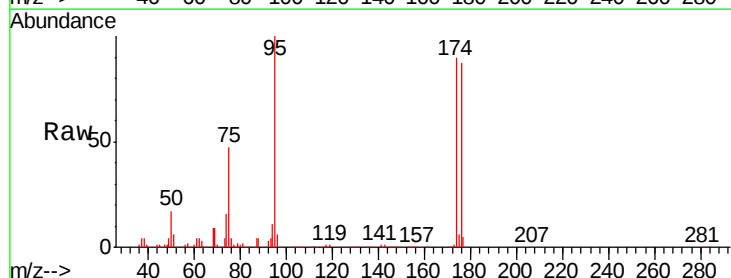
Tgt Ion: 95 Resp: 693194

Ion Ratio Lower Upper

95 100

174 89.1 0.0 173.0

176 86.6 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

12.40

500000

400000

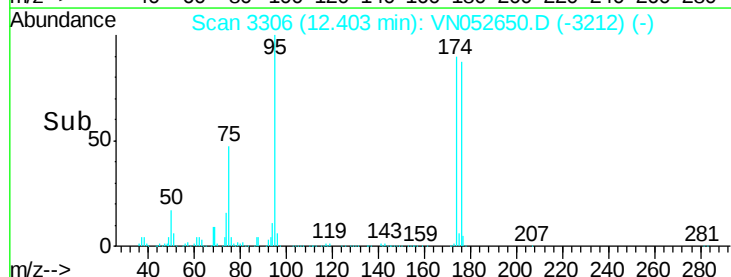
300000

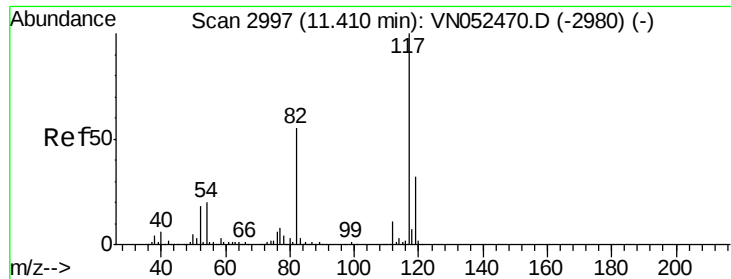
200000

100000

0

Time-->

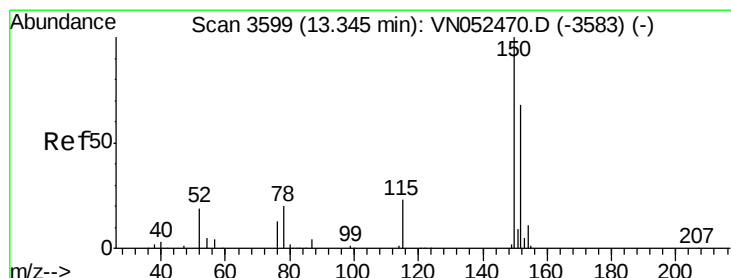
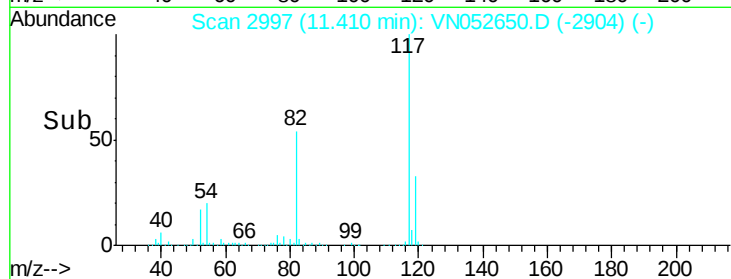
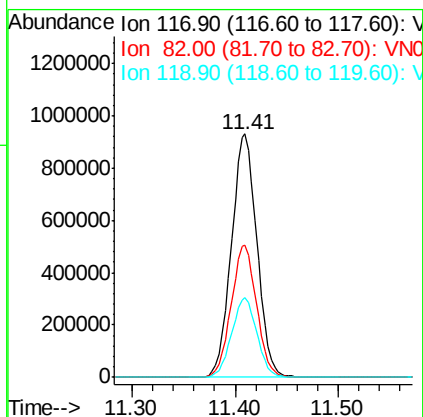
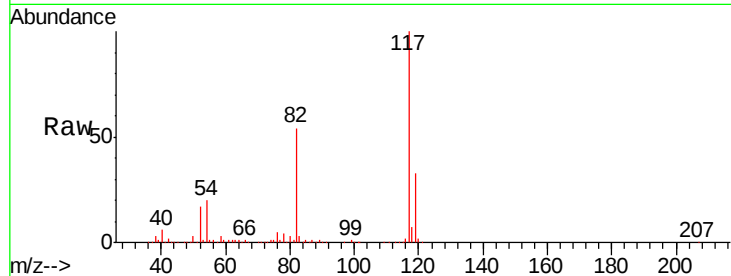




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052650.D
Acq: 4 Dec 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
12.65

Tgt Ion:117 Resp: 1603267
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052650.D
Acq: 4 Dec 2018 13:20

Tgt Ion:152 Resp: 602783
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 156.3 0.0 346.0

