

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102318\
 Data File : VN051966.D
 Acq On : 23 Oct 2018 16:13
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 24 07:28:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 06:55:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1152825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1676898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1520954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	721746	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	575623	56.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.12%	
35) Dibromofluoromethane	7.59	113	612228	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	
50) Toluene-d8	10.09	98	2256610	58.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.72%	
62) 4-Bromofluorobenzene	12.40	95	725654	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	

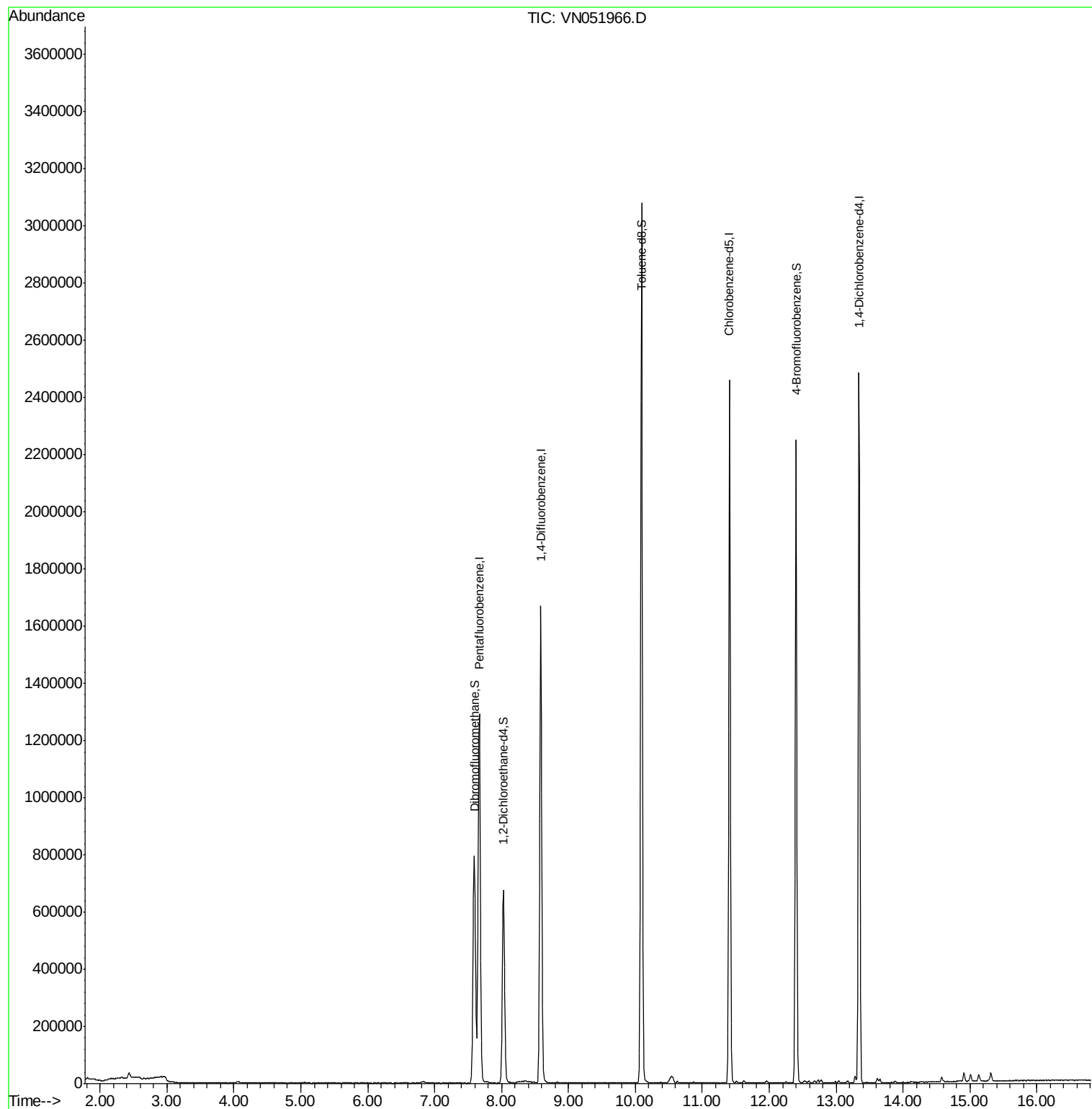
Target Compounds	Qvalue

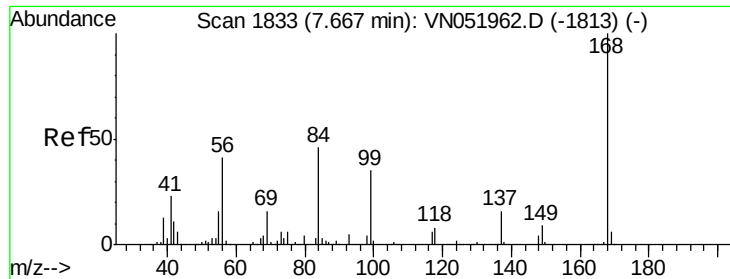
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051966.D

Acq: 23 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

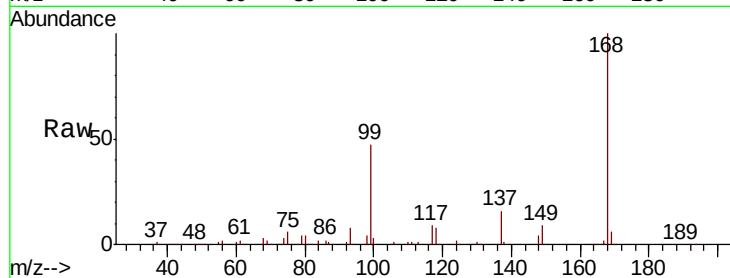
I.BLK

Tot Ion:168 Resp: 1152825

Ion Ratio Lower Upper

168 100

99 47.3 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN051962.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051962.D (-1813) (-)

7.67

500000

400000

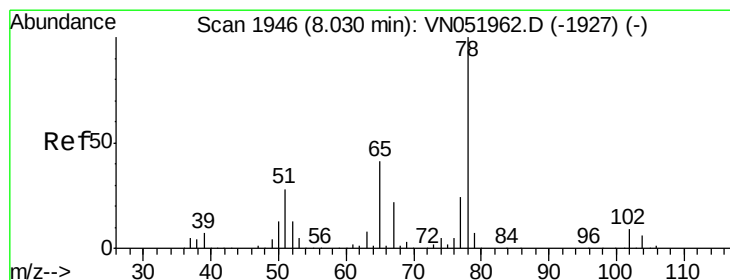
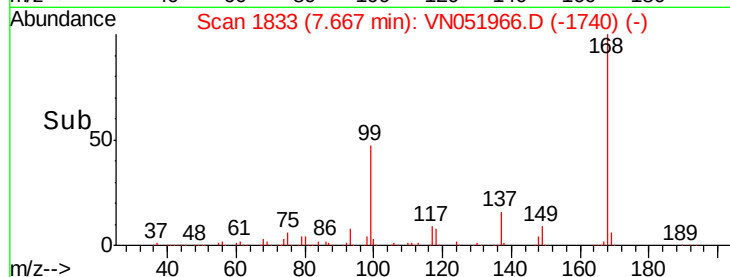
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051966.D

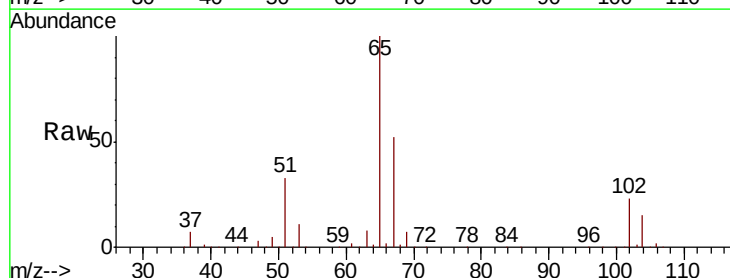
Acq: 23 Oct 2018 16:13

Tgt Ion: 65 Resp: 575623

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN051962.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN051962.D (-1927) (-)

8.03

250000

200000

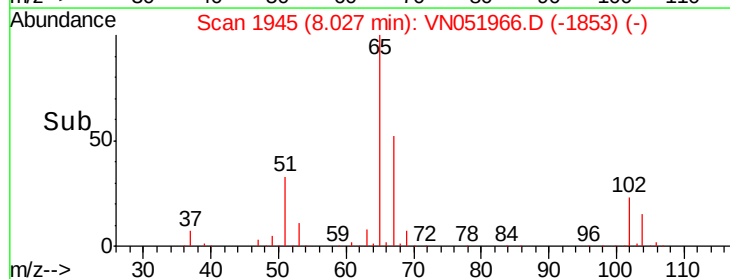
150000

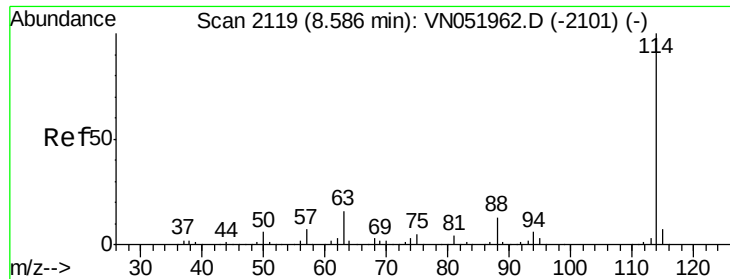
100000

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: VN051966.D

Acq: 23 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

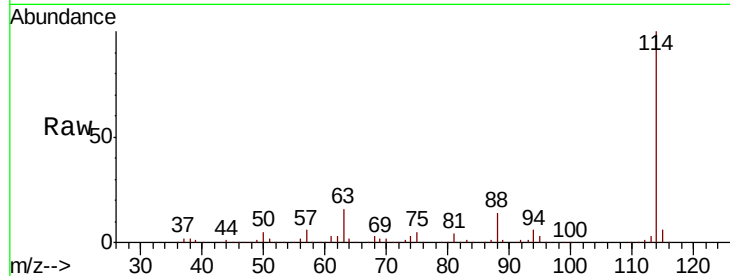
Tot Ion:114 Resp: 1676898

Ion Ratio Lower Upper

114 100

63 15.5 0.0 31.2

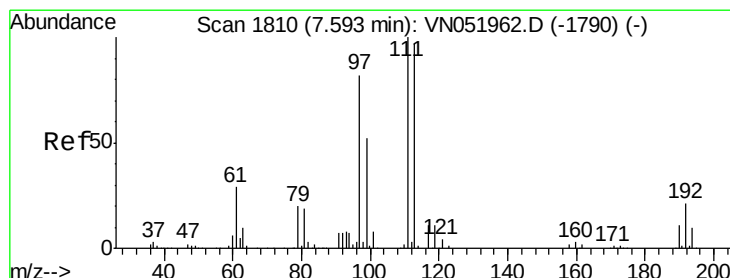
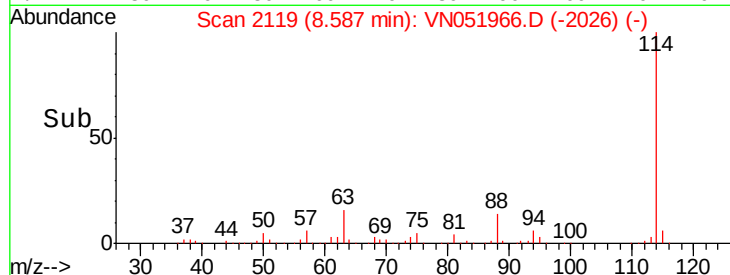
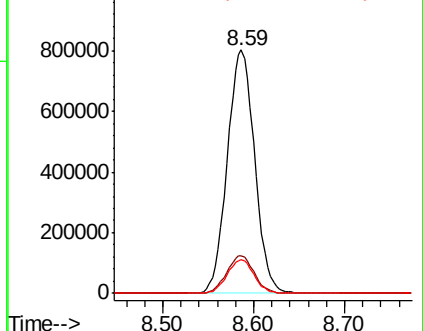
88 13.7 0.0 27.0



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# 1810

Delta R.T. 0.00 min

Lab File: VN051966.D

Acq: 23 Oct 2018 16:13

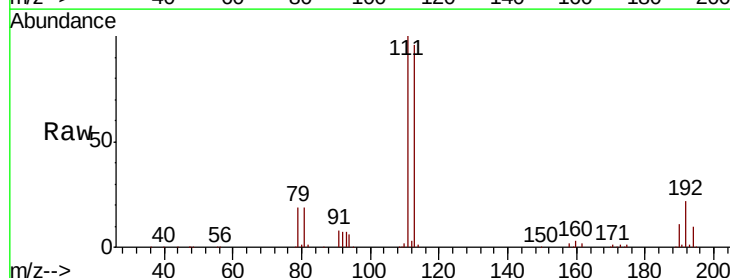
Tgt Ion:113 Resp: 612228

Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

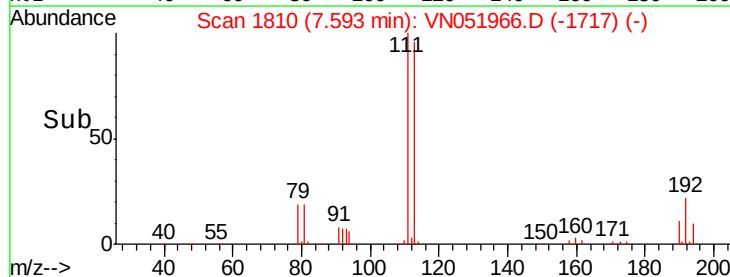
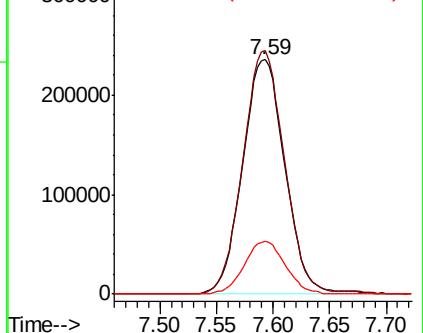
192 22.0 17.2 25.8

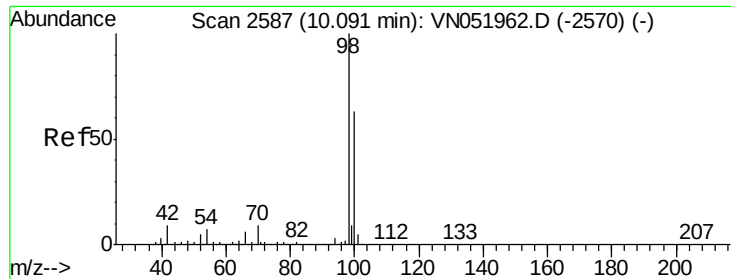


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN051966.D

Acq: 23 Oct 2018 16:13

Instrument :

MSVOA_N

ClientSampled :

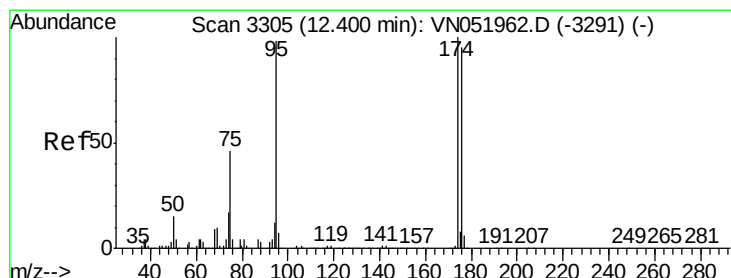
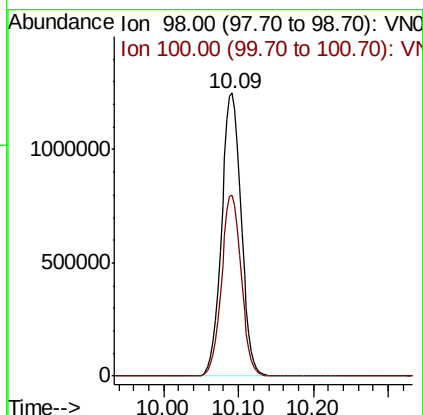
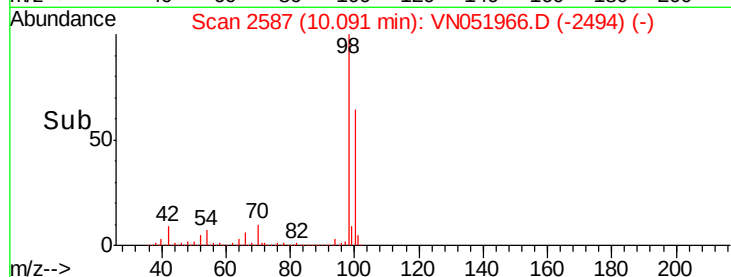
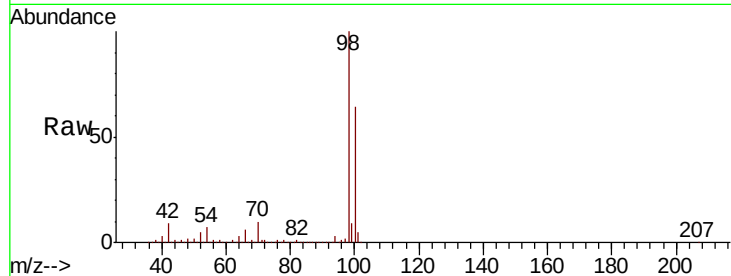
I.BLK

Tot Ion: 98 Resp: 2256610

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051966.D

Acq: 23 Oct 2018 16:13

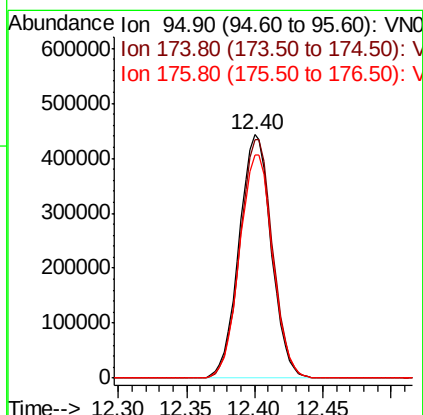
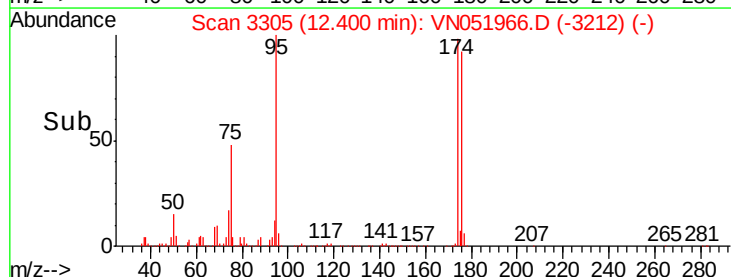
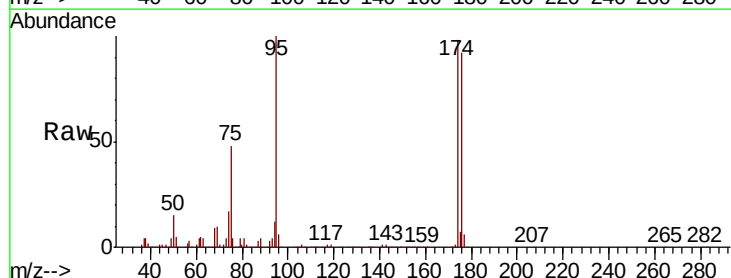
Tgt Ion: 95 Resp: 725654

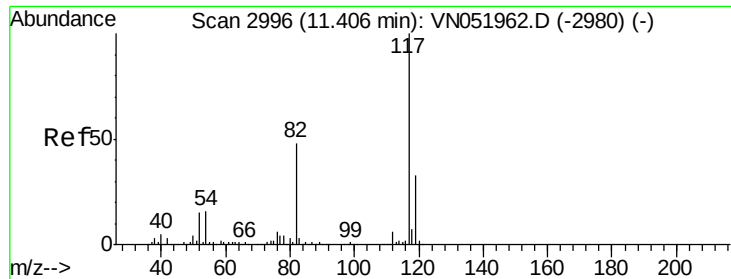
Ion Ratio Lower Upper

95 100

174 99.5 0.0 206.0

176 94.6 0.0 198.0

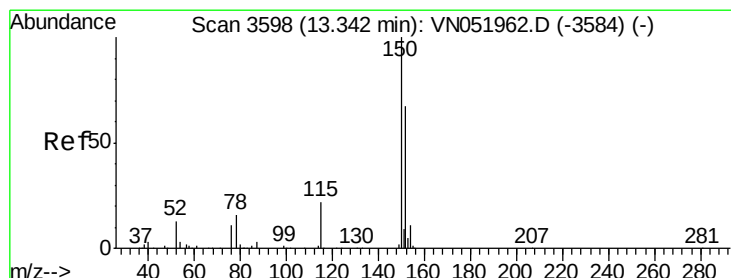
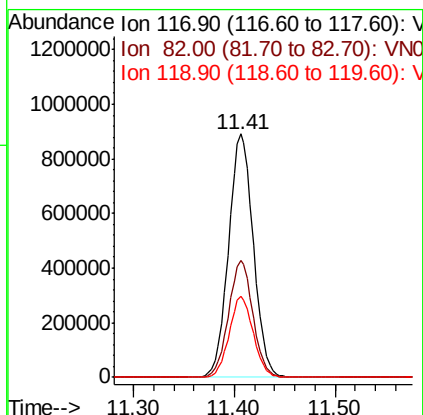
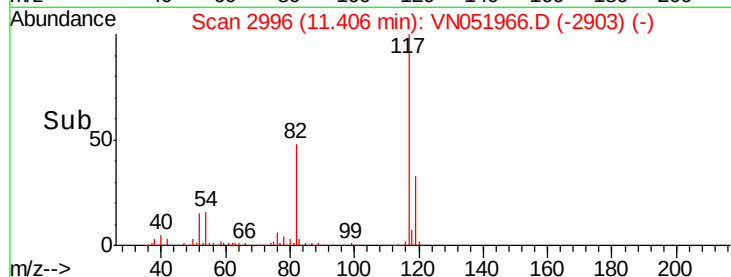
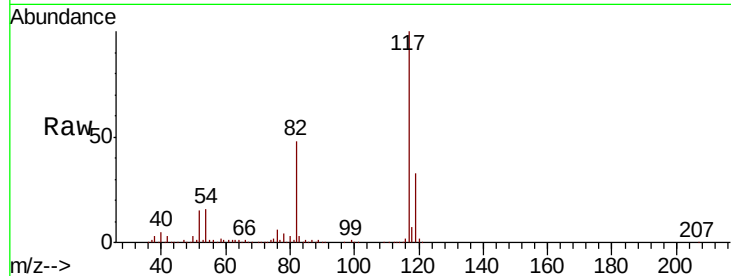




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051966.D
Acq: 23 Oct 2018 16:13

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:117 Resp: 1520954
Ion Ratio Lower Upper
117 100
82 47.9 38.1 57.1
119 33.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051966.D
Acq: 23 Oct 2018 16:13

Tgt Ion:152 Resp: 721746
Ion Ratio Lower Upper
152 100
115 54.4 25.8 77.3
150 158.4 0.0 344.4

