

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051925.D
 Acq On : 18 Oct 2018 19:08
 Operator : MD\SY
 Sample : PB113908ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#06

Quant Time: Oct 19 07:27:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	981734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1423203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1266340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	435243	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	534120	58.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.38%	
35) Dibromofluoromethane	7.59	113	524654	58.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.00%	
50) Toluene-d8	10.09	98	1955565	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.78%	
62) 4-Bromofluorobenzene	12.40	95	546674	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	

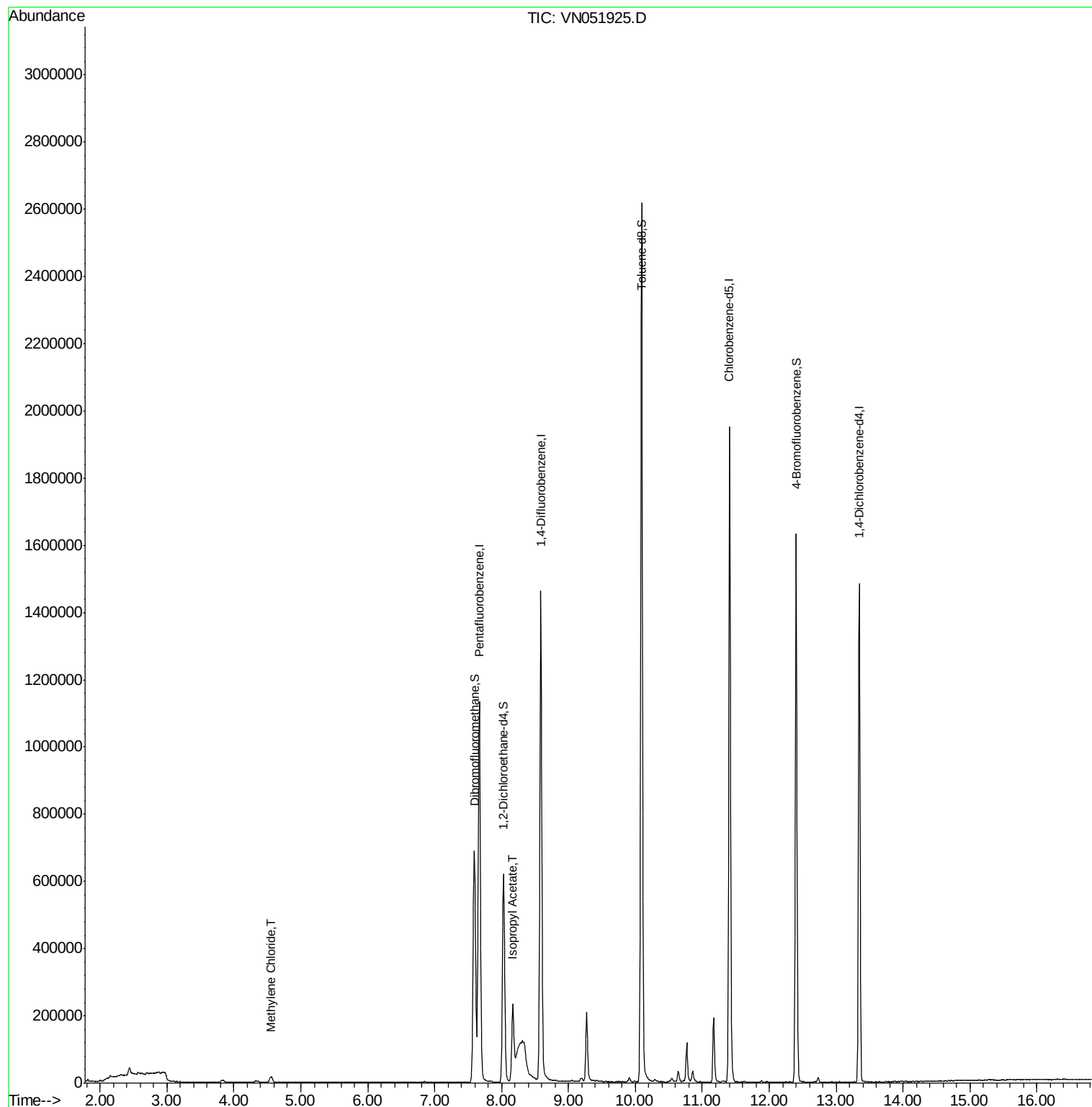
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.56	84	13754	1.68	ug/l	92
43) Isopropyl Acetate	8.17	43	275311	26.82	ug/l	# 87

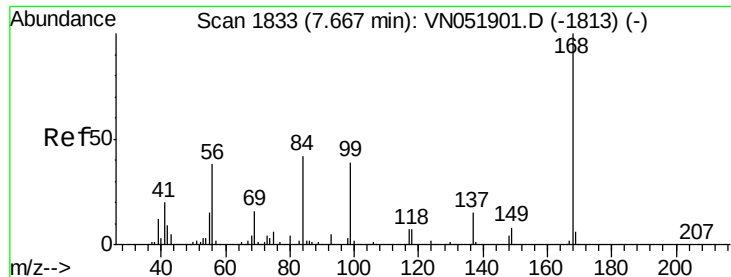
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 19 05:11:28 2018
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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: VN051925.D

Acq: 18 Oct 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

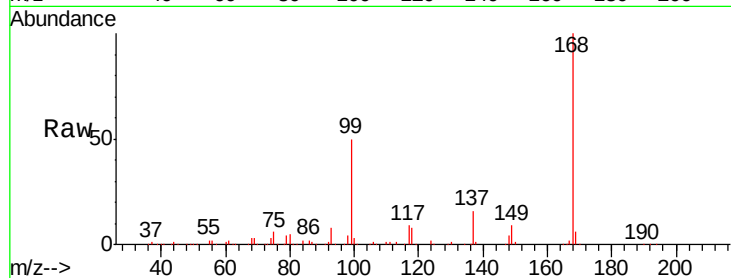
PB113908ZHE#06

Tgt Ion:168 Resp: 981734

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

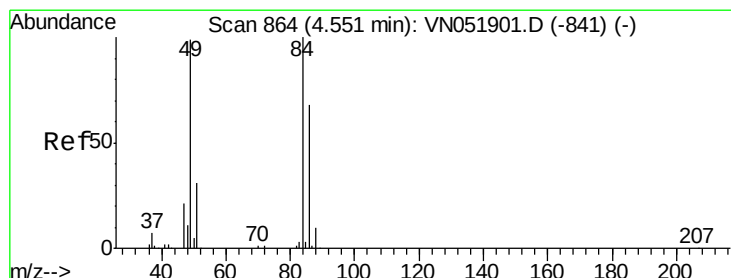
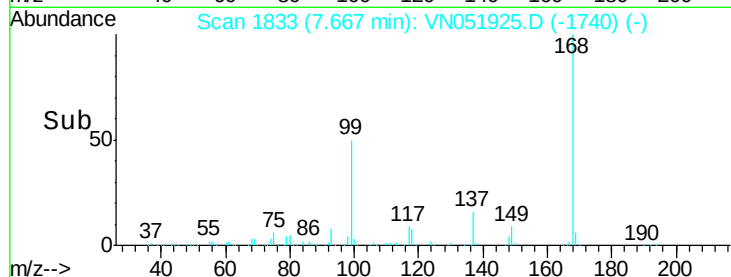
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.68 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN051925.D

Acq: 18 Oct 2018 19:08

Tgt Ion: 84 Resp: 13754

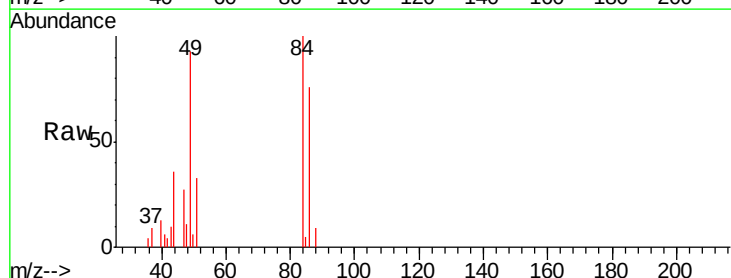
Ion Ratio Lower Upper

84 100

49 89.5 79.0 118.4

51 33.3 24.9 37.3

86 75.9 54.6 82.0



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

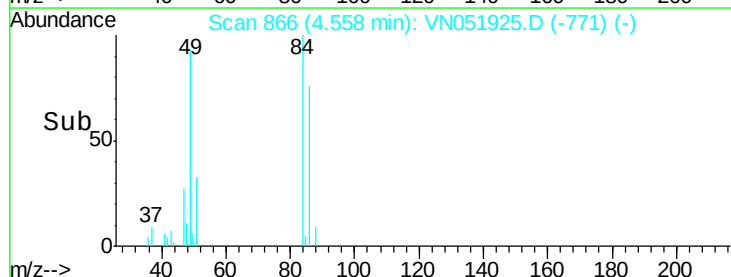
4.56

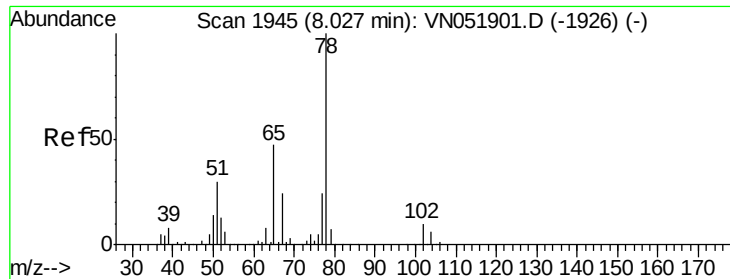
4000

2000

0

Time-->

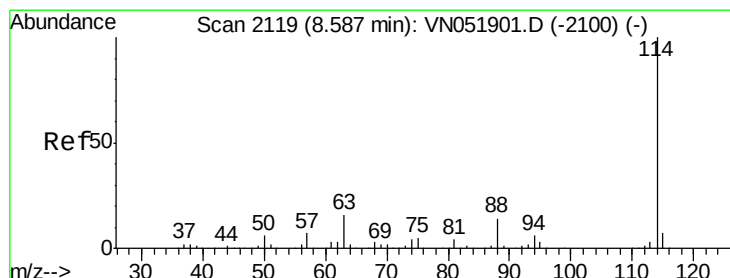
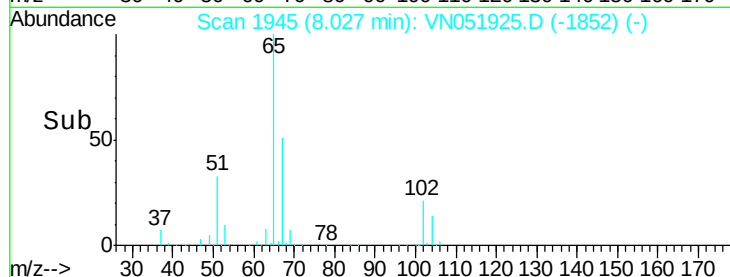
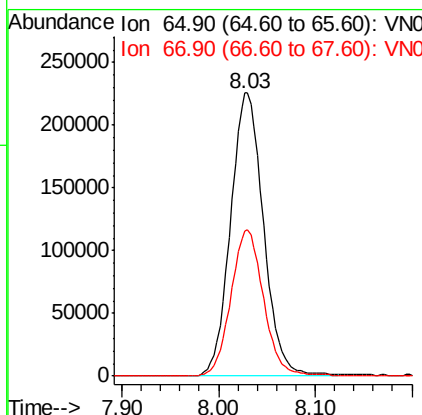
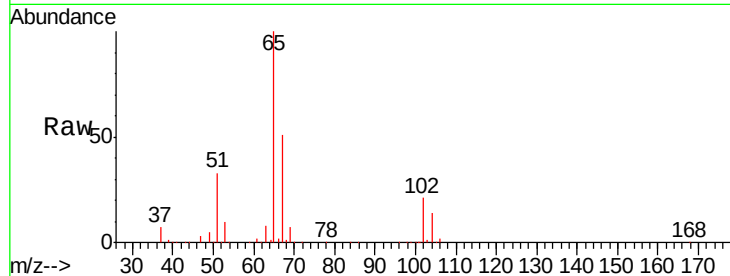




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051925.D
 Acq: 18 Oct 2018 19:08

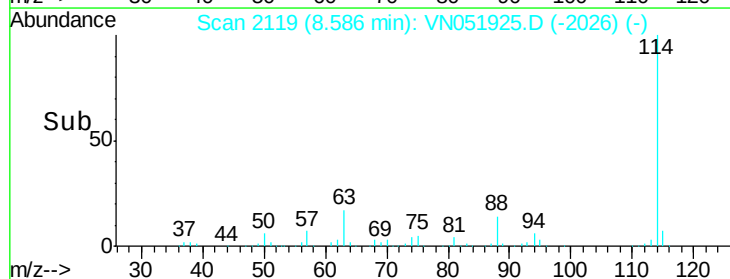
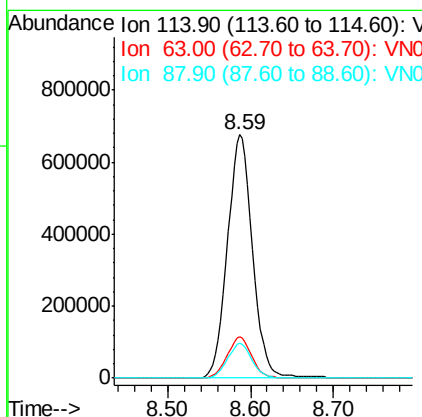
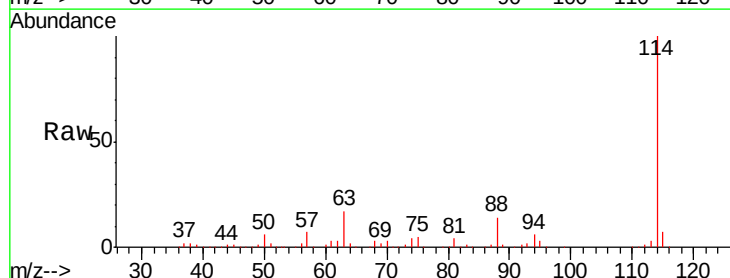
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#06

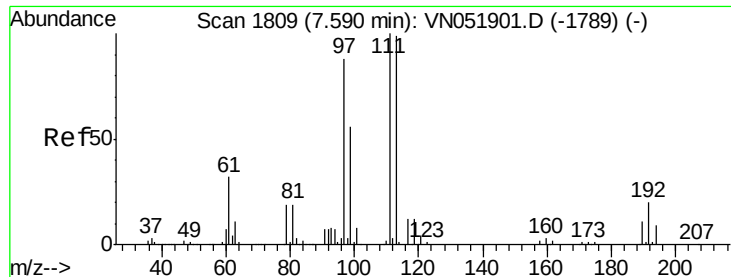
Tgt Ion: 65 Resp: 534120
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051925.D
 Acq: 18 Oct 2018 19:08

Tgt Ion: 114 Resp: 1423203
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 31.8
 88 14.2 0.0 28.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051925.D

Acq: 18 Oct 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB113908ZHE#06

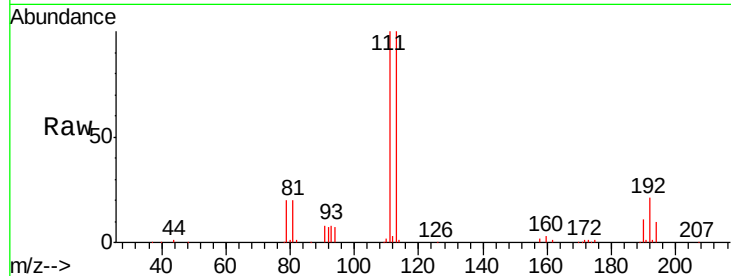
Tgt Ion:113 Resp: 524654

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

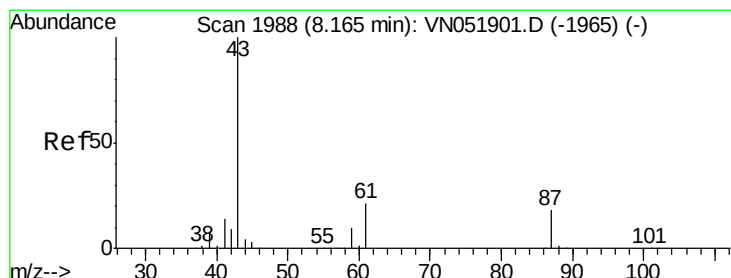
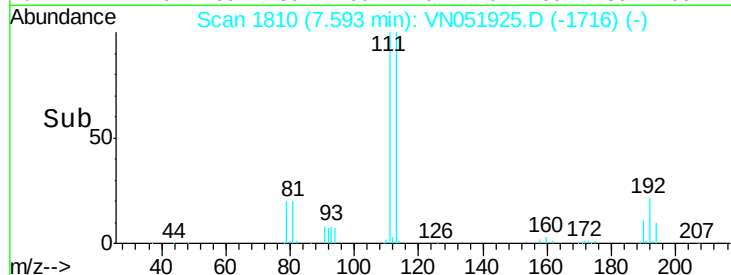
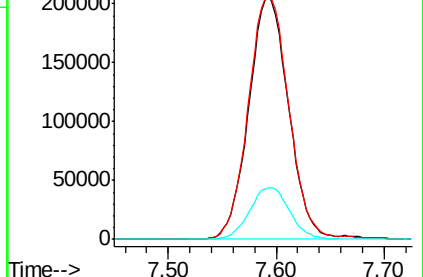
192 21.5 17.3 25.9



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



#43

Isopropyl Acetate

Concen: 26.82 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051925.D

Acq: 18 Oct 2018 19:08

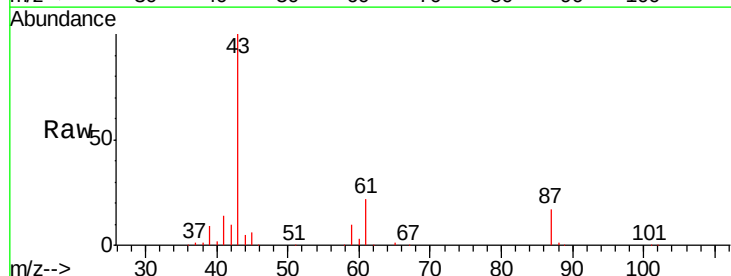
Tgt Ion: 43 Resp: 275311

Ion Ratio Lower Upper

43 100

61 20.9 24.9 37.3#

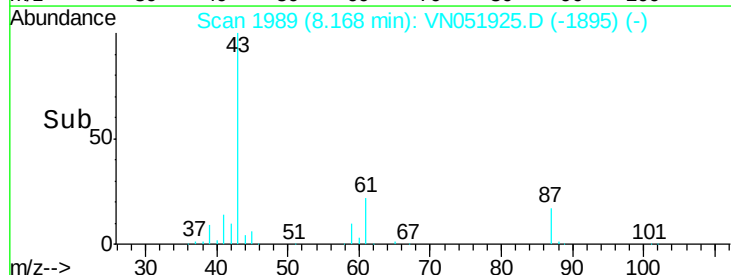
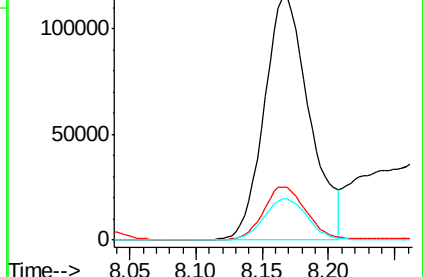
87 16.3 14.6 22.0

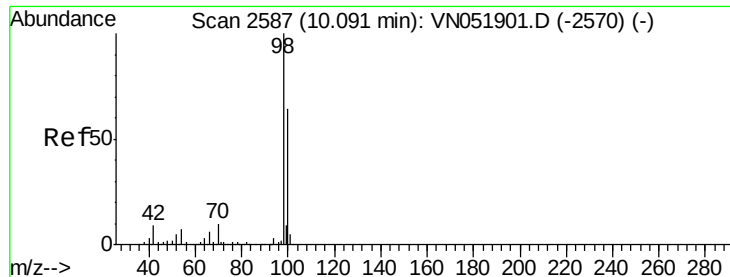


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051925.D

Acq: 18 Oct 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

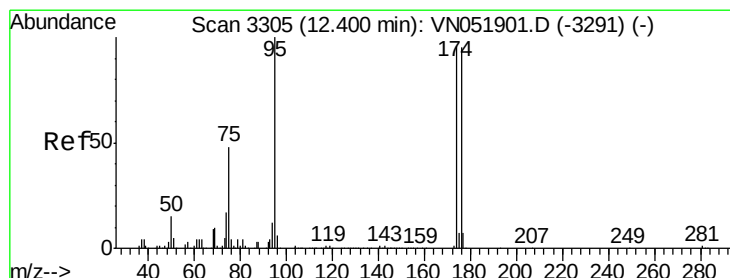
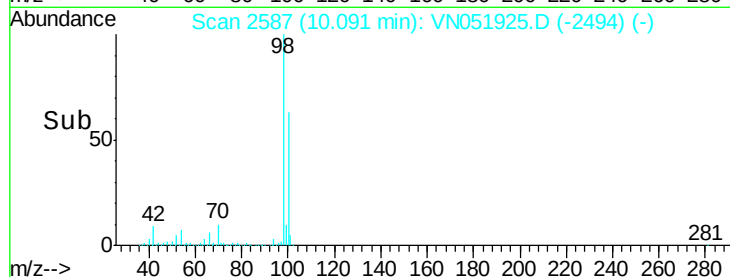
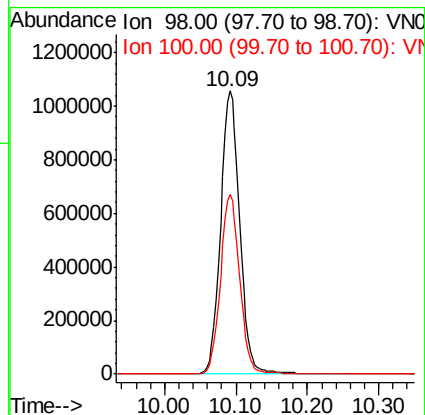
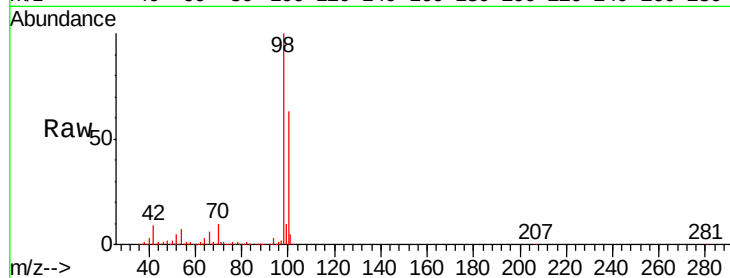
PB113908ZHE#06

Tgt Ion: 98 Resp: 1955565

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051925.D

Acq: 18 Oct 2018 19:08

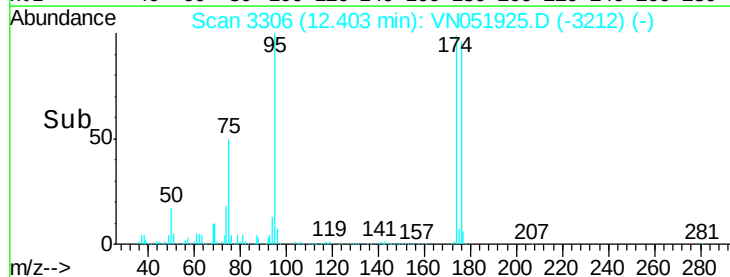
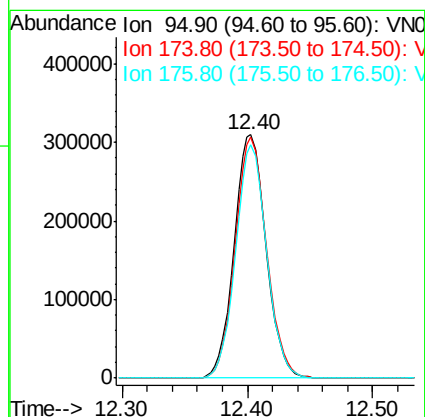
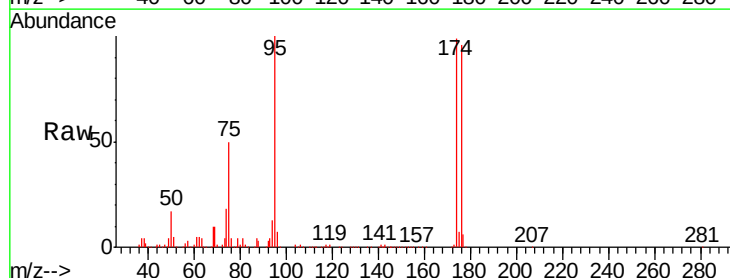
Tgt Ion: 95 Resp: 546674

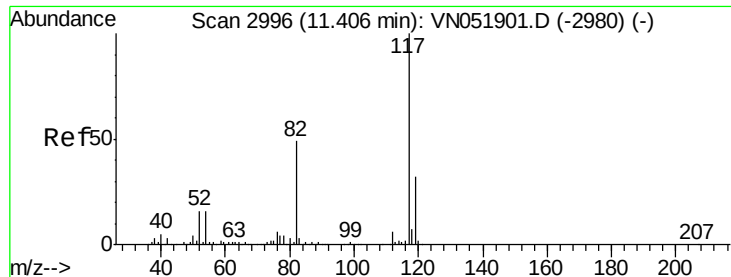
Ion Ratio Lower Upper

95 100

174 97.5 0.0 195.0

176 93.1 0.0 191.4

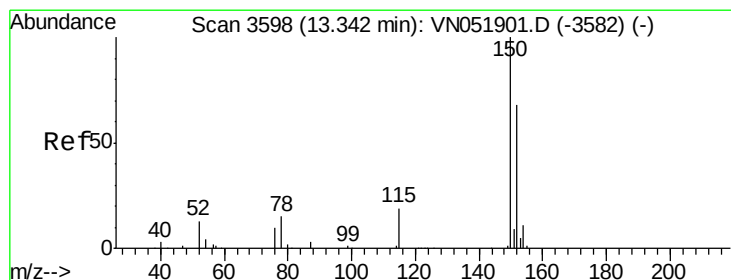
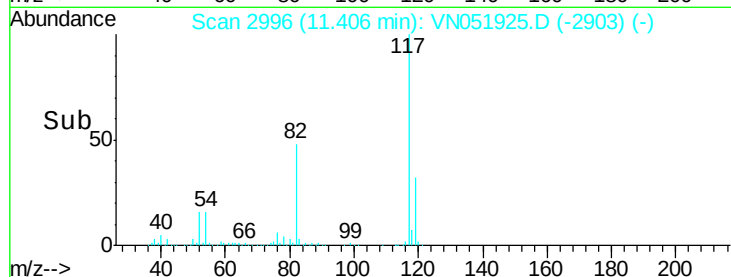
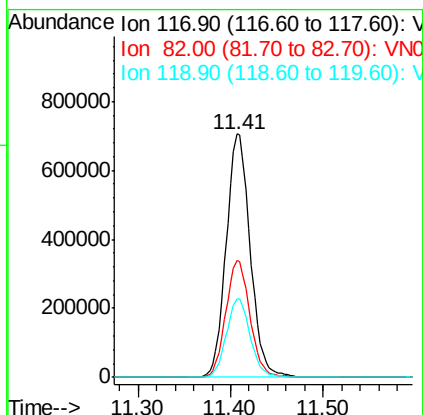
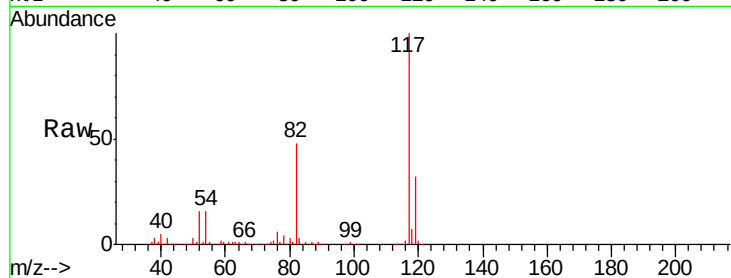




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051925.D
Acq: 18 Oct 2018 19:08

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#06

Tgt Ion:117 Resp: 1266340
Ion Ratio Lower Upper
117 100
82 47.8 38.9 58.3
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051925.D
Acq: 18 Oct 2018 19:08

Tgt Ion:152 Resp: 435243
Ion Ratio Lower Upper
152 100
115 54.6 26.7 80.1
150 157.0 0.0 346.4

