

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051926.D
 Acq On : 18 Oct 2018 19:35
 Operator : MD\SY
 Sample : PB113908ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#07

Quant Time: Oct 19 07:29:48 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	1005961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1475348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1303542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456616	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	542848	58.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.42%	
35) Dibromofluoromethane	7.59	113	546572	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	
50) Toluene-d8	10.09	98	2018266	59.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.26%	
62) 4-Bromofluorobenzene	12.40	95	577903	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	

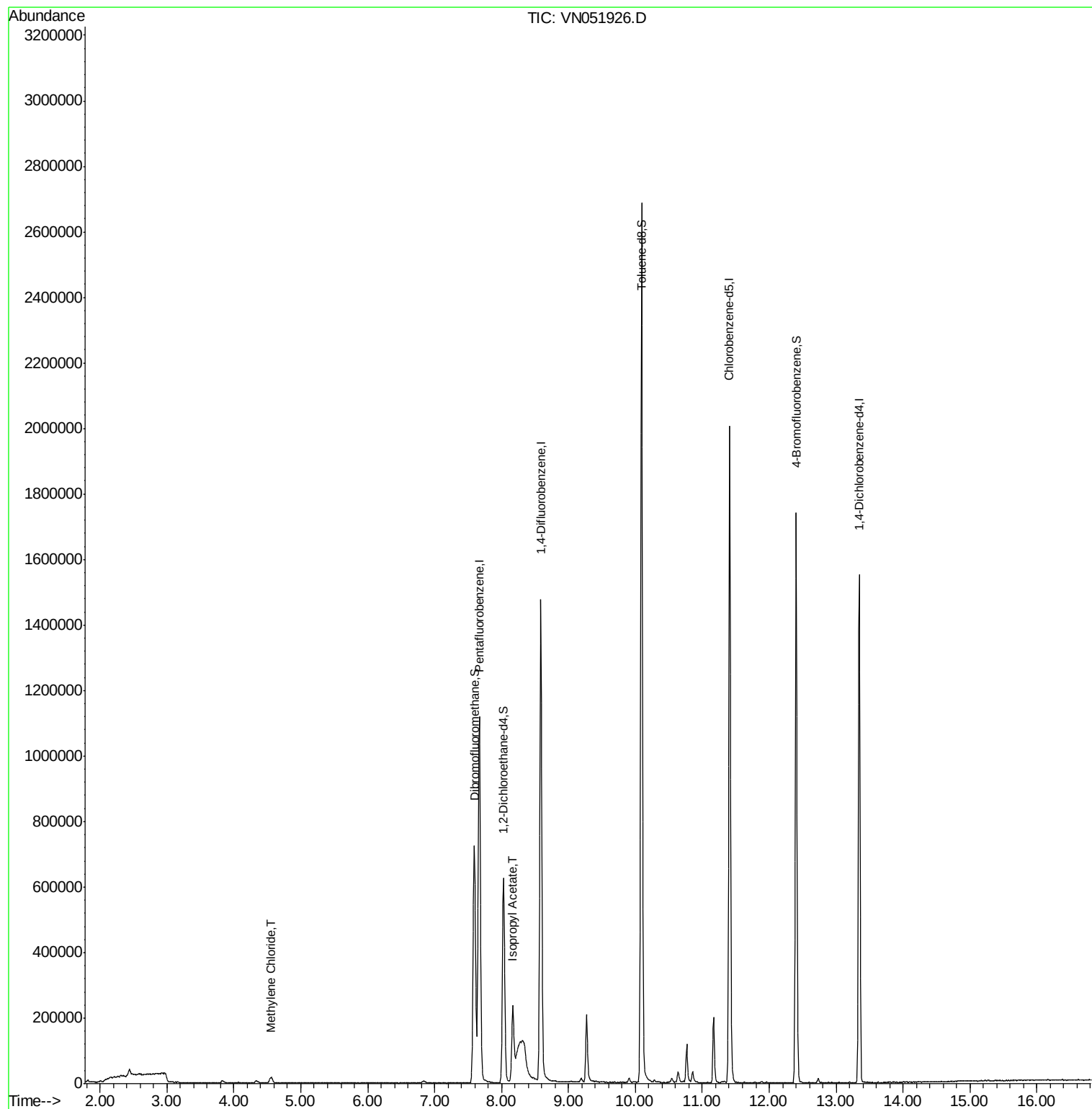
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.55	84	14809	1.76	ug/l	91
43) Isopropyl Acetate	8.17	43	284233	26.70	ug/l	# 85

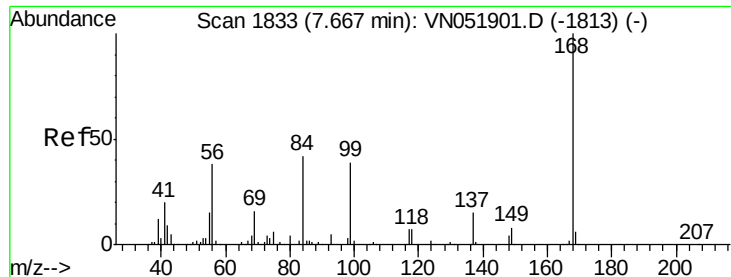
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051926.D

Acq: 18 Oct 2018 19:35

Instrument :

MSVOA_N

ClientSampleId :

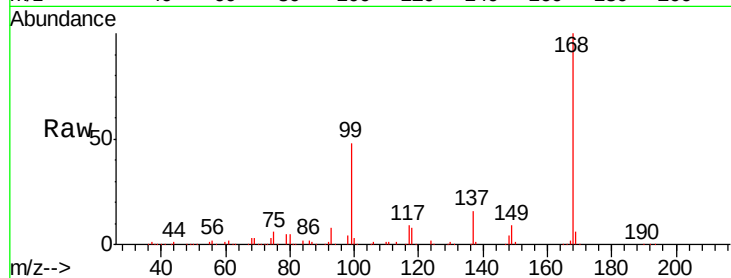
PB113908ZHE#07

Tgt Ion:168 Resp: 1005961

Ion Ratio Lower Upper

168 100

99 47.7 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

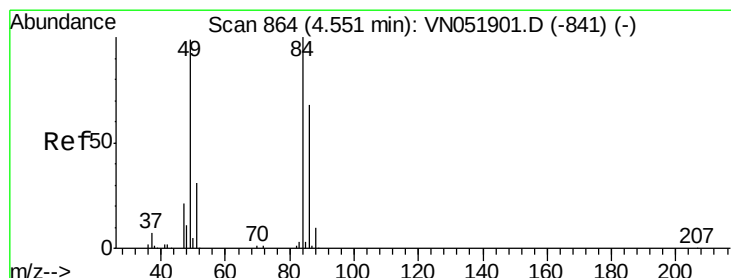
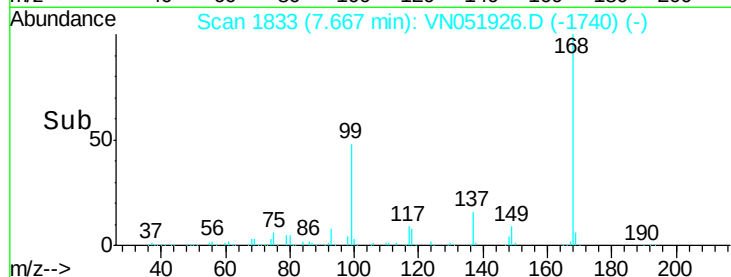
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.76 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN051926.D

Acq: 18 Oct 2018 19:35

Tgt Ion: 84 Resp: 14809

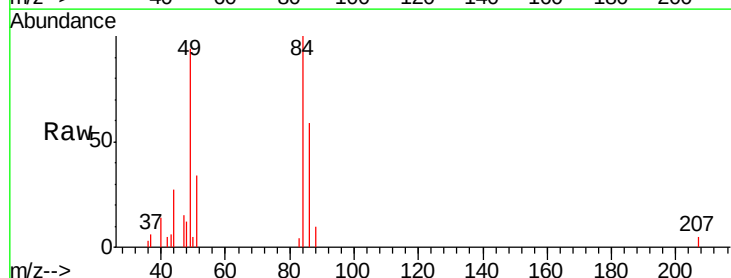
Ion Ratio Lower Upper

84 100

49 89.8 79.0 118.4

51 34.0 24.9 37.3

86 59.0 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

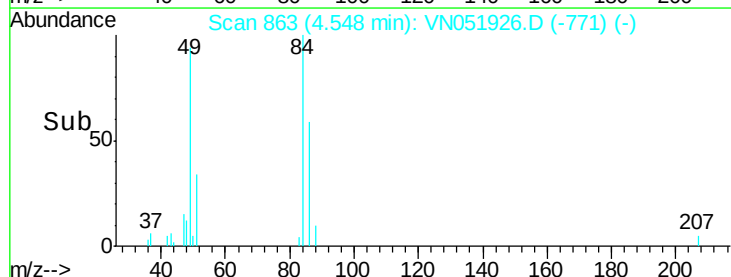
4.55

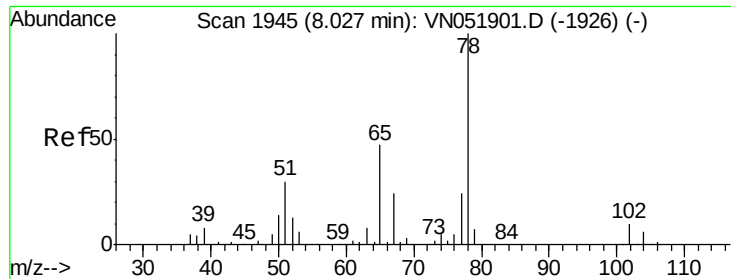
4000

2000

0

Time-->

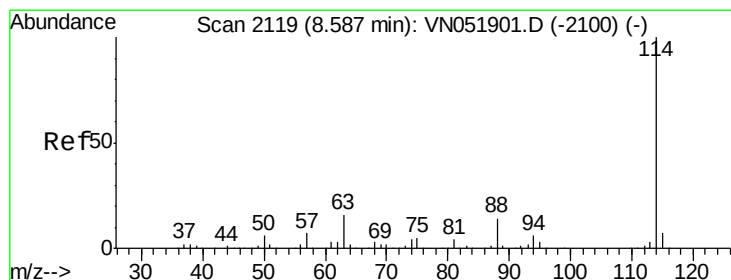
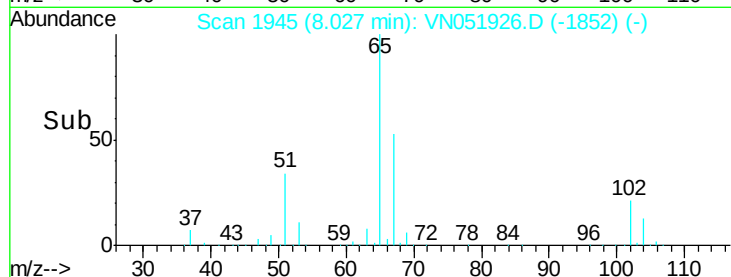
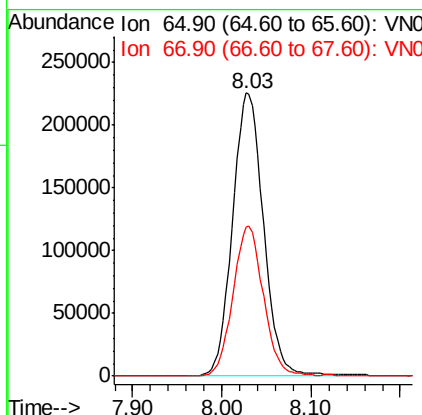
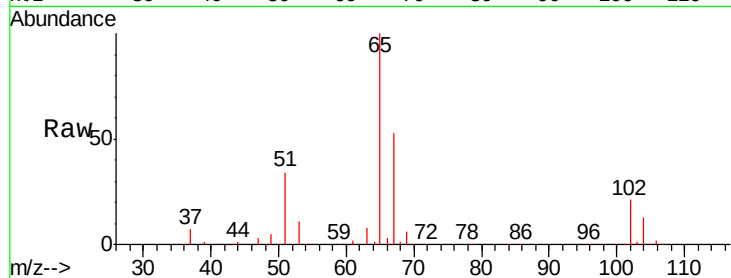




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051926.D
 Acq: 18 Oct 2018 19:35

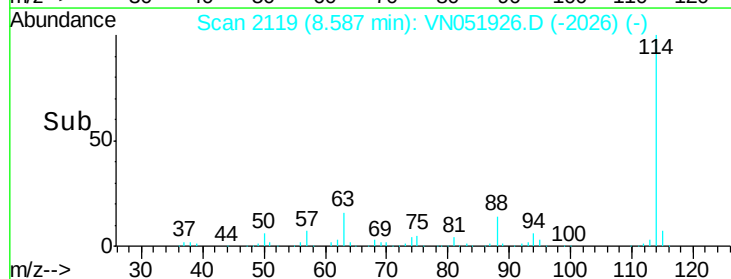
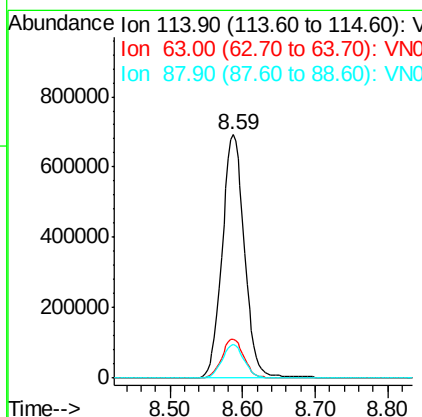
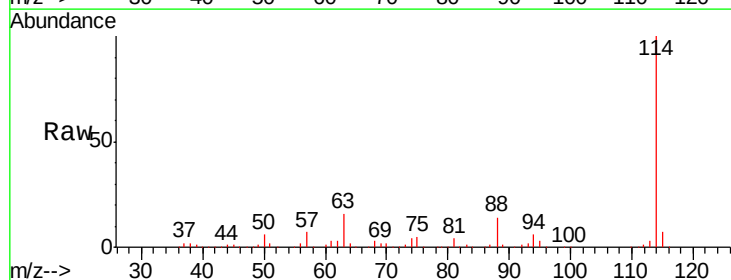
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#07

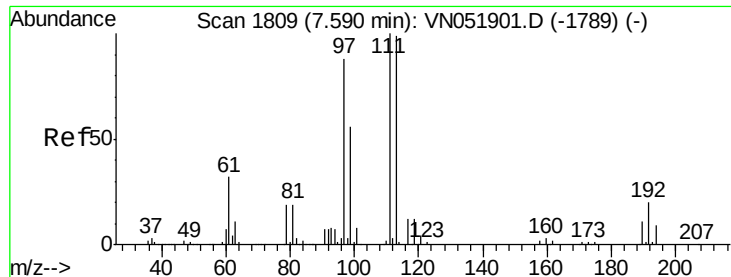
Tgt Ion: 65 Resp: 542848
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051926.D
 Acq: 18 Oct 2018 19:35

Tgt Ion: 114 Resp: 1475348
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.8
 88 13.8 0.0 28.0

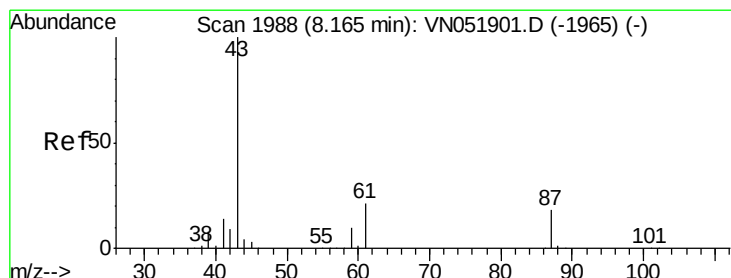
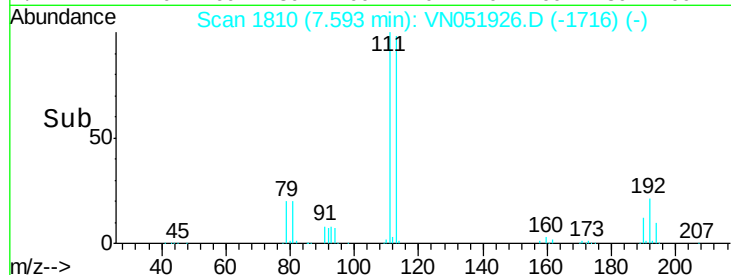
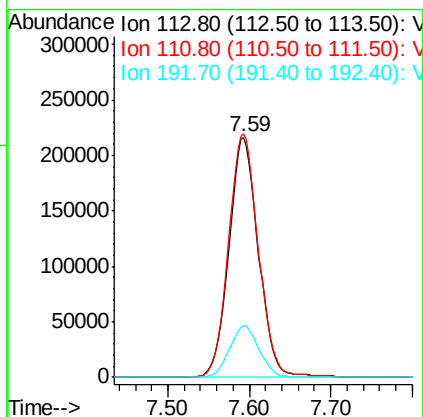
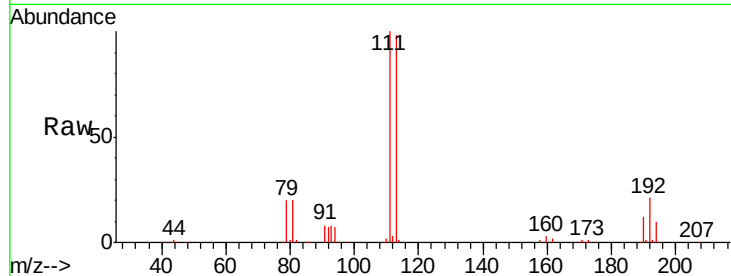




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051926.D
 Acq: 18 Oct 2018 19:35

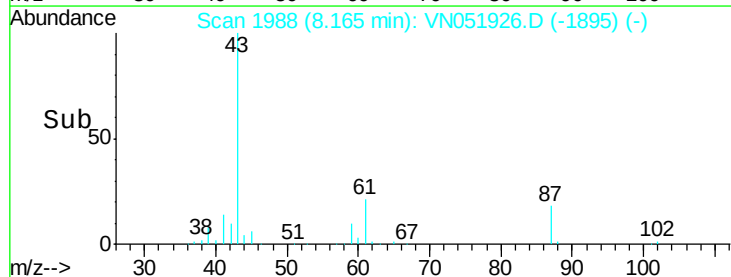
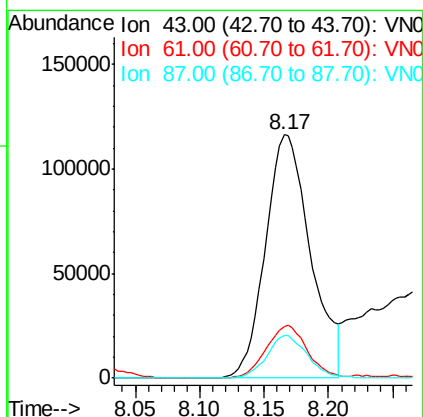
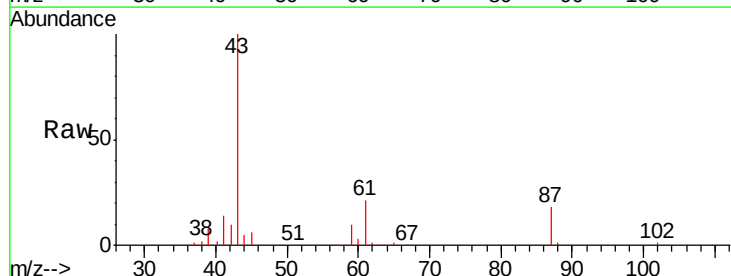
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#07

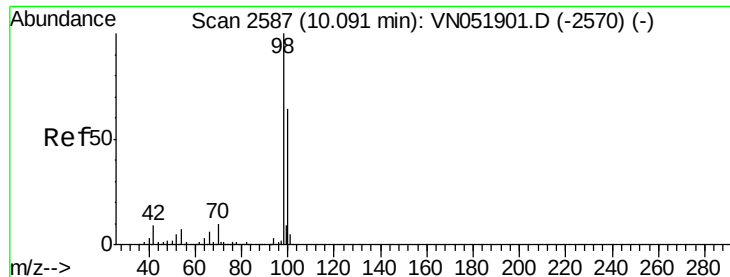
Tgt Ion: 113 Resp: 546572
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 21.5 17.3 25.9



#43
 Isopropyl Acetate
 Concen: 26.70 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051926.D
 Acq: 18 Oct 2018 19:35

Tgt Ion: 43 Resp: 284233
 Ion Ratio Lower Upper
 43 100
 61 19.7 24.9 37.3#
 87 15.8 14.6 22.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051926.D

Acq: 18 Oct 2018 19:35

Instrument :

MSVOA_N

ClientSampleId :

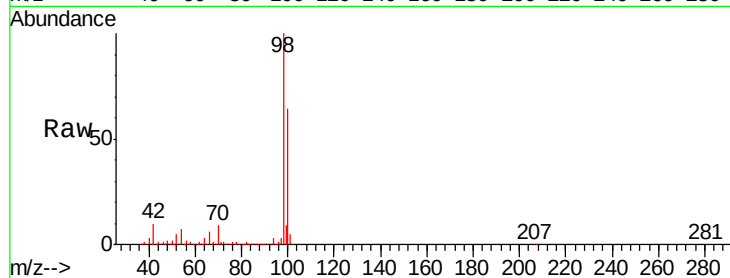
PB113908ZHE#07

Tgt Ion: 98 Resp: 2018266

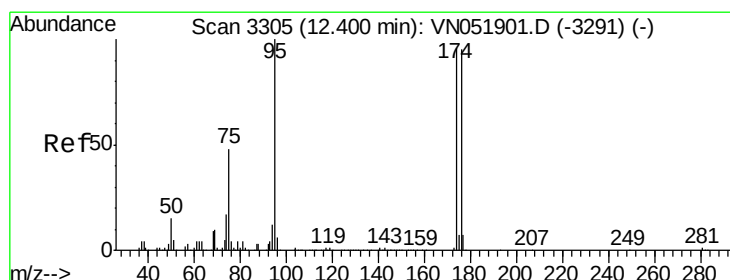
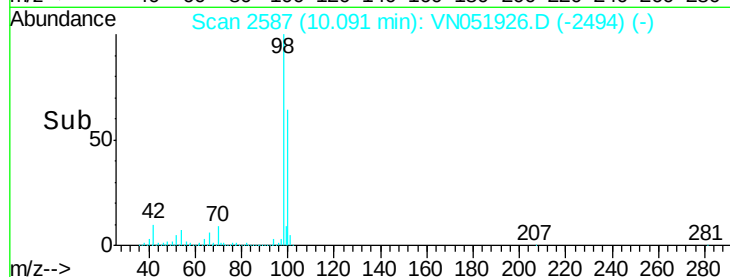
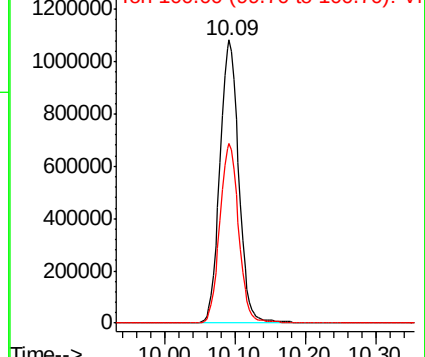
Ion Ratio Lower Upper

98 100

100 63.6 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN051901.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051926.D

Acq: 18 Oct 2018 19:35

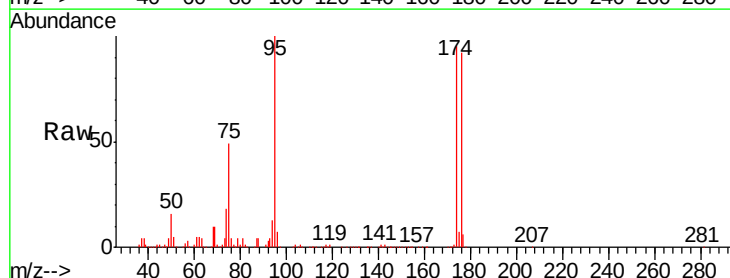
Tgt Ion: 95 Resp: 577903

Ion Ratio Lower Upper

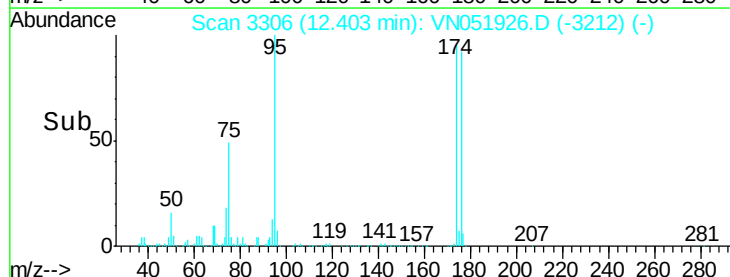
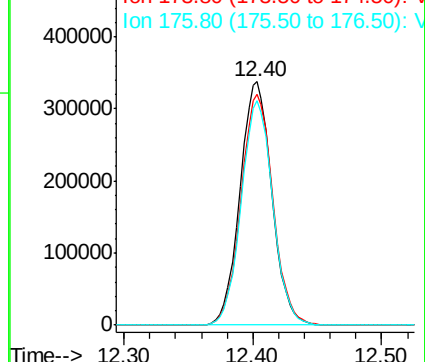
95 100

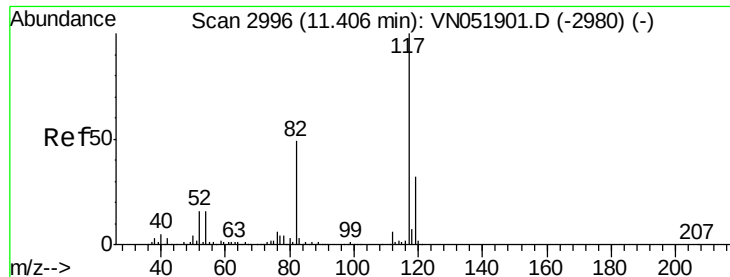
174 95.5 0.0 195.0

176 91.6 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VN051901.D (-3291) (-)

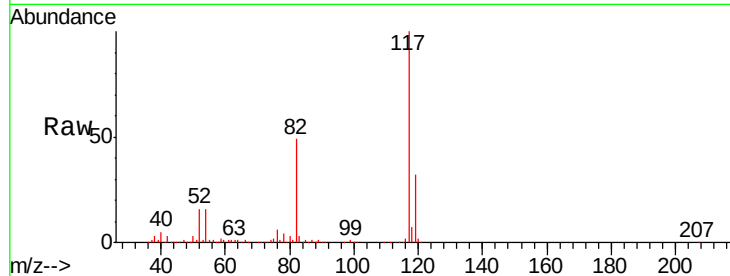




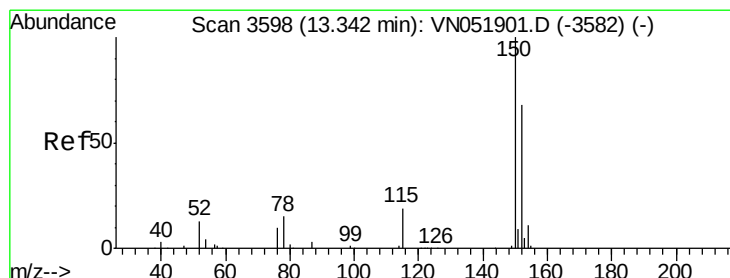
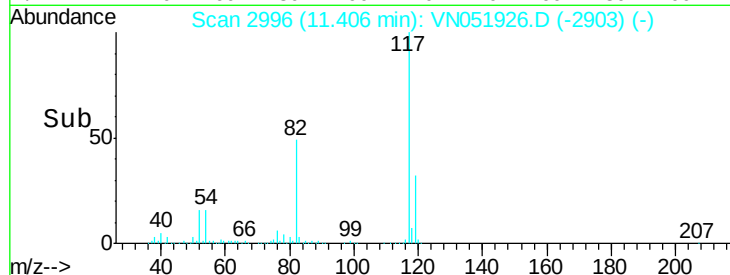
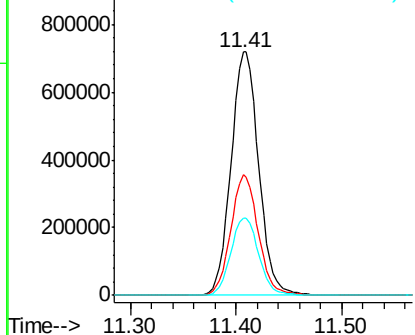
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051926.D
Acq: 18 Oct 2018 19:35

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#07

Tgt Ion:117 Resp: 1303542
Ion Ratio Lower Upper
117 100
82 49.4 38.9 58.3
119 31.9 25.9 38.9

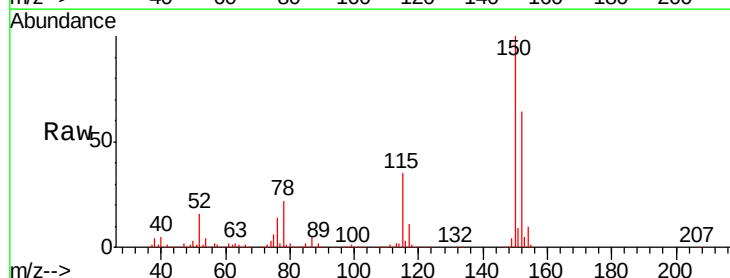


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051926.D
Acq: 18 Oct 2018 19:35

Tgt Ion:152 Resp: 456616
Ion Ratio Lower Upper
152 100
115 55.0 26.7 80.1
150 157.6 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

