

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051932.D
 Acq On : 18 Oct 2018 22:15
 Operator : MD\SY
 Sample : PB113940TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113940TB

Quant Time: Oct 19 07:52:14 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

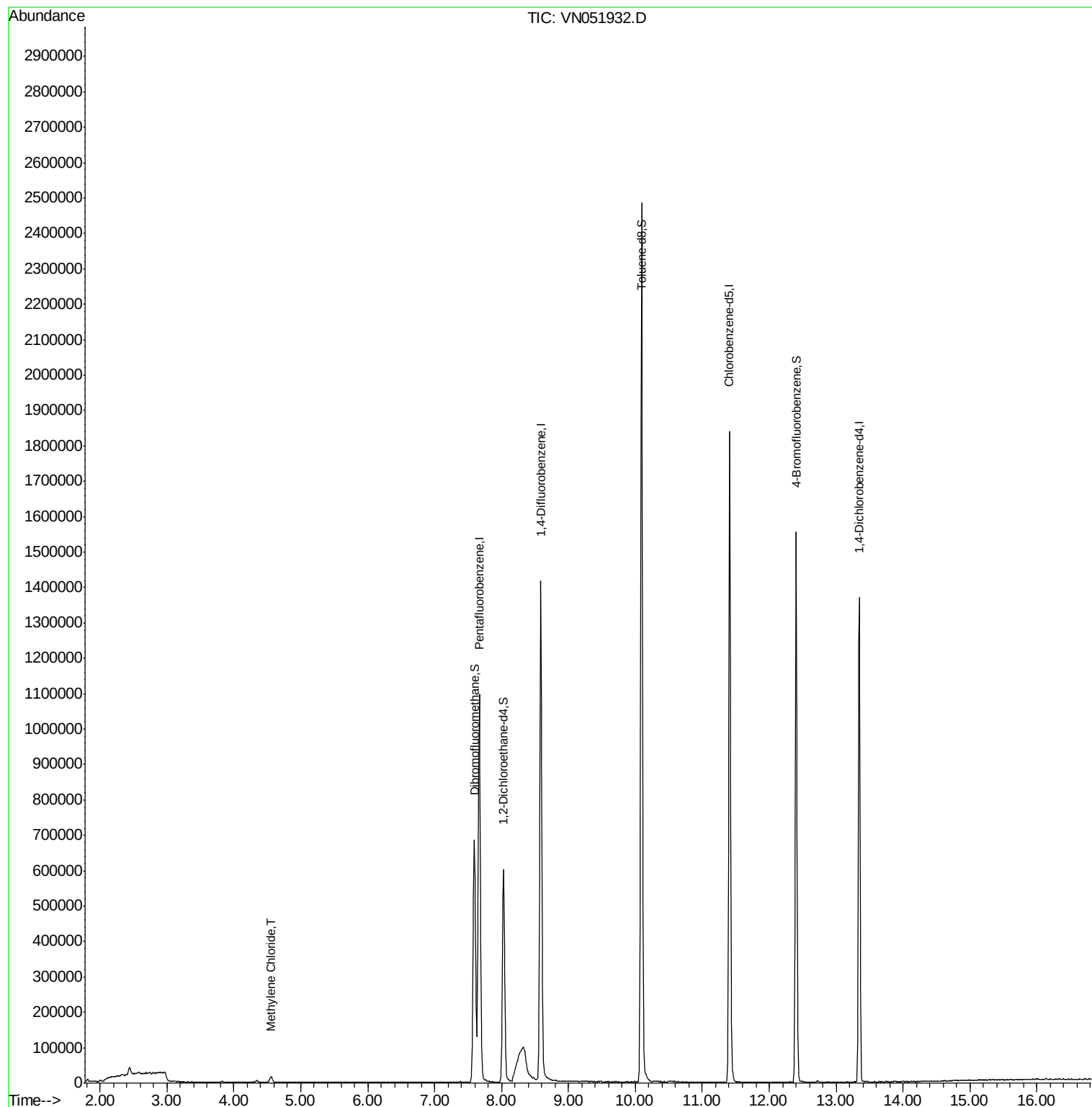
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	968432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1399403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1217428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	406623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	514128	57.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.54%	
35) Dibromofluoromethane	7.59	113	523741	58.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.76%	
50) Toluene-d8	10.09	98	1908996	58.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.92%	
62) 4-Bromofluorobenzene	12.40	95	516441	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds						
20) Methylene Chloride	4.56	84	13807	1.71	ug/l	Qvalue 88

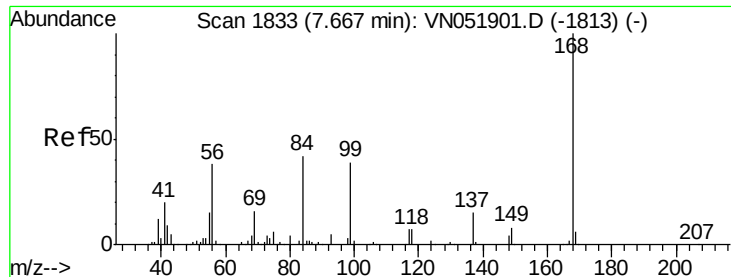
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051932.D

Acq: 18 Oct 2018 22:15

Instrument :

MSVOA_N

ClientSampled :

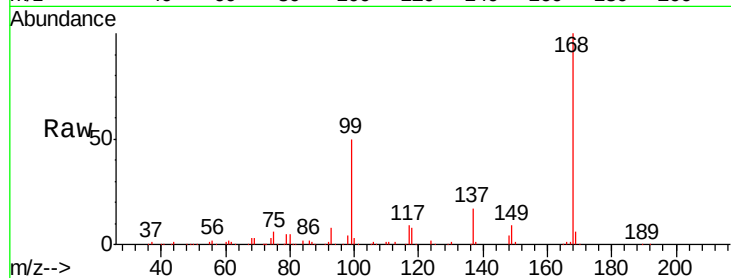
PB113940TB

Tgt Ion:168 Resp: 968432

Ion Ratio Lower Upper

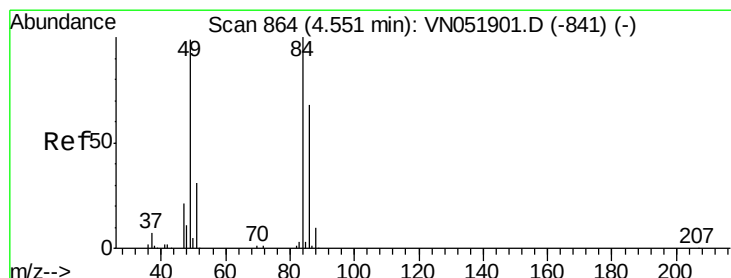
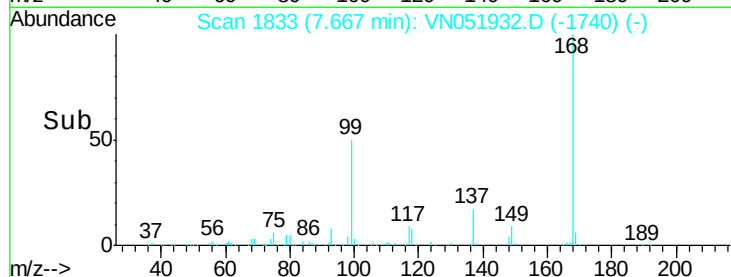
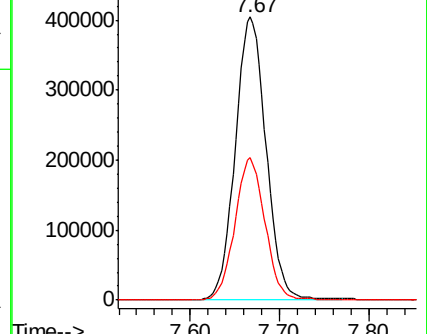
168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.71 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN051932.D

Acq: 18 Oct 2018 22:15

Tgt Ion: 84 Resp: 13807

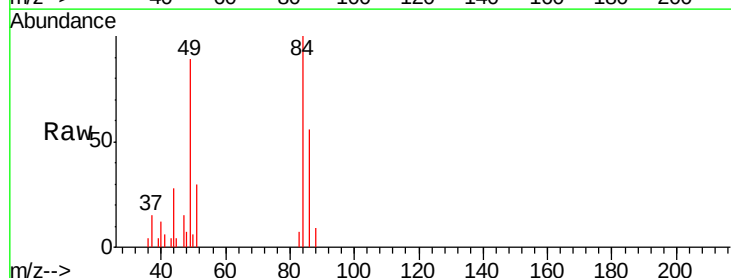
Ion Ratio Lower Upper

84 100

49 86.2 79.0 118.4

51 29.7 24.9 37.3

86 56.2 54.6 82.0

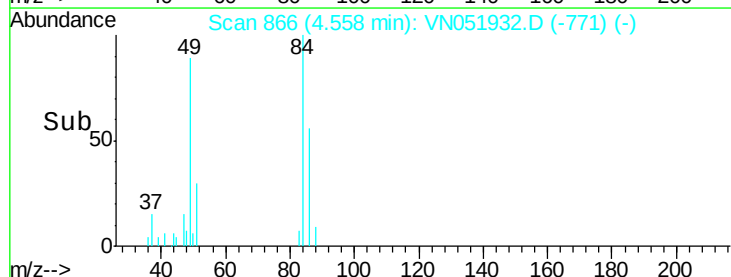
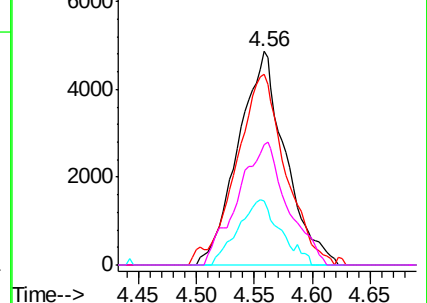


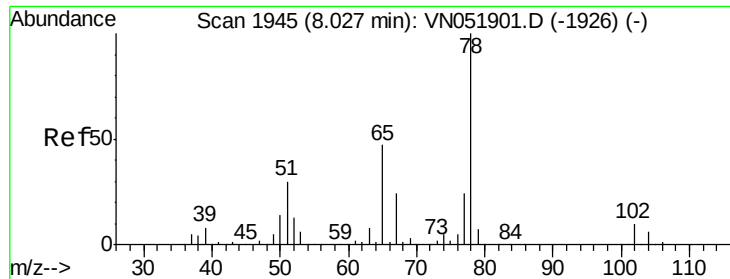
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

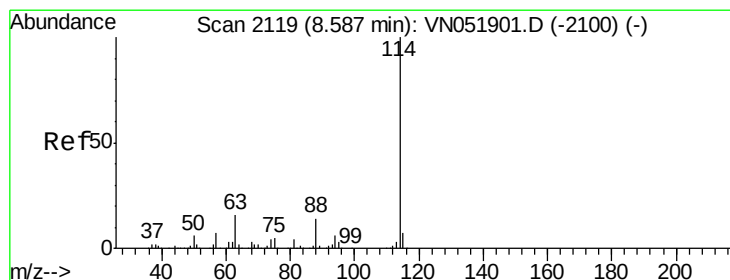
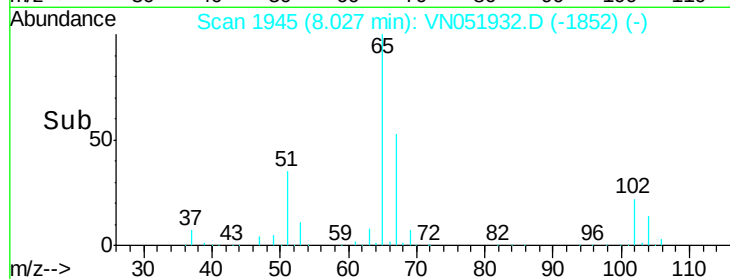
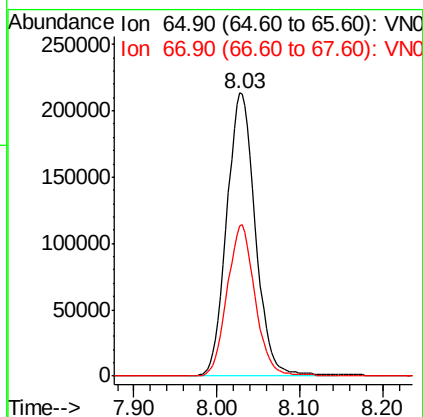
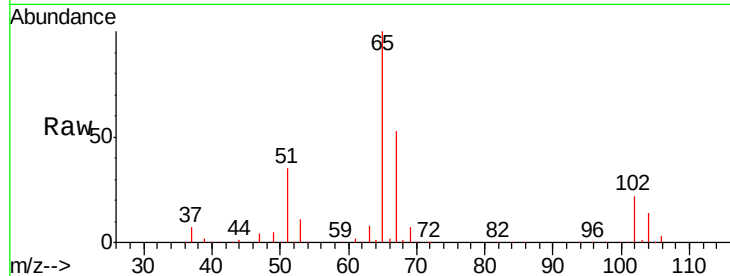




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051932.D
 Acq: 18 Oct 2018 22:15

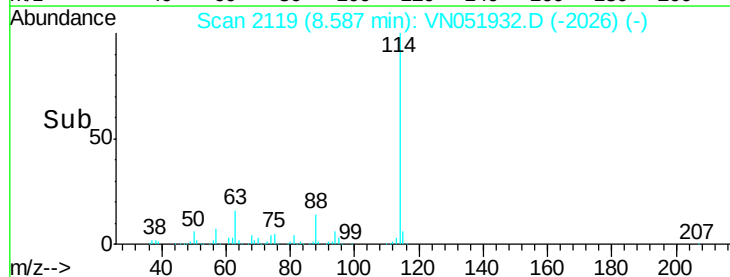
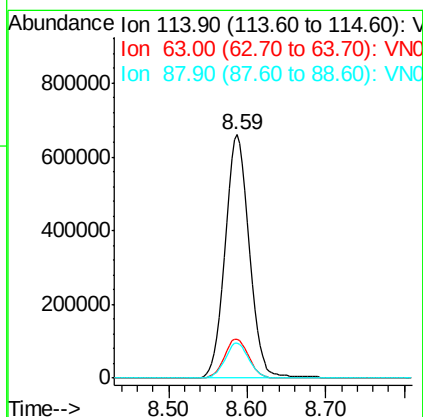
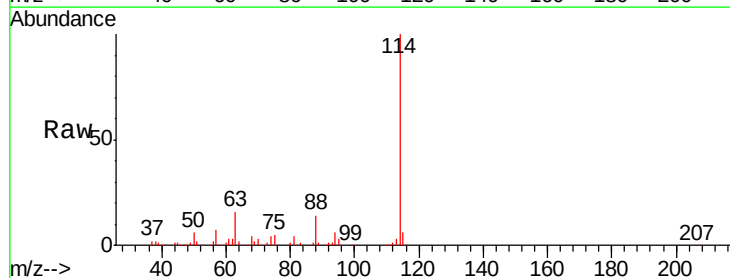
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113940TB

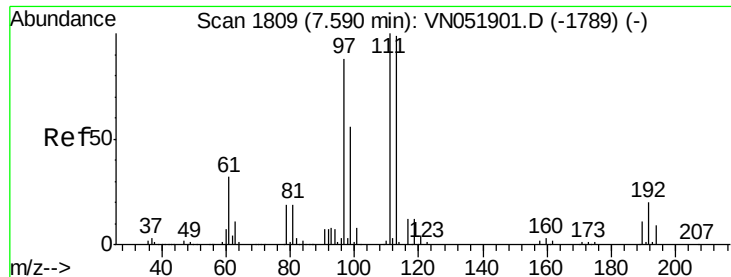
Tgt Ion: 65 Resp: 514128
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051932.D
 Acq: 18 Oct 2018 22:15

Tgt Ion: 114 Resp: 1399403
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.8
 88 14.4 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: VN051932.D

Acq: 18 Oct 2018 22:15

Instrument :

MSVOA_N

ClientSampleId :

PB113940TB

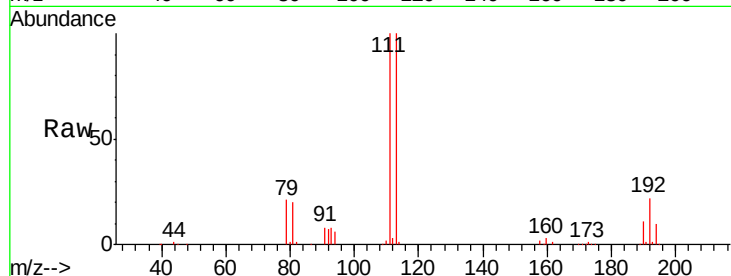
Tgt Ion:113 Resp: 523741

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

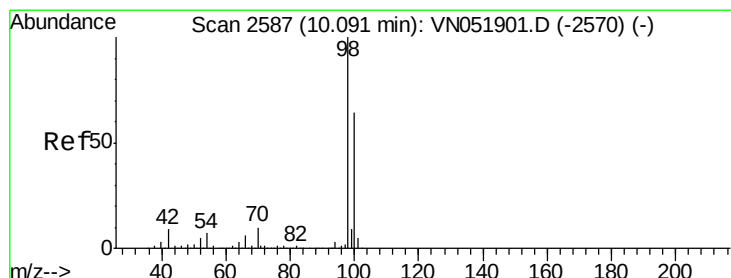
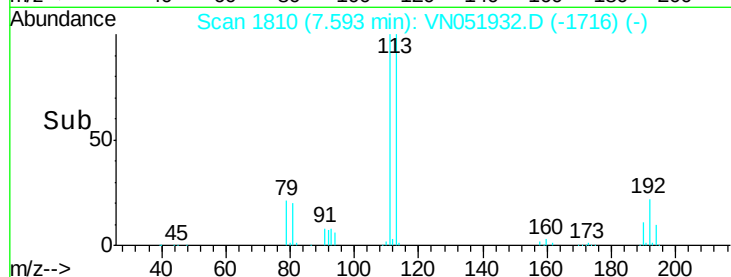
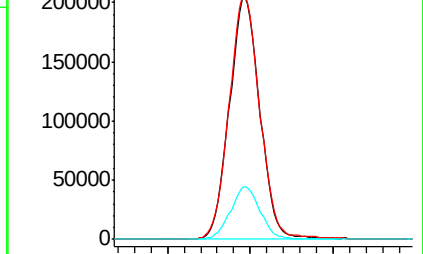
192 21.2 17.3 25.9



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051932.D

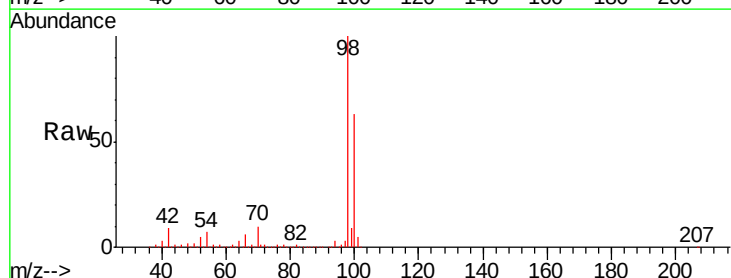
Acq: 18 Oct 2018 22:15

Tgt Ion: 98 Resp: 1908996

Ion Ratio Lower Upper

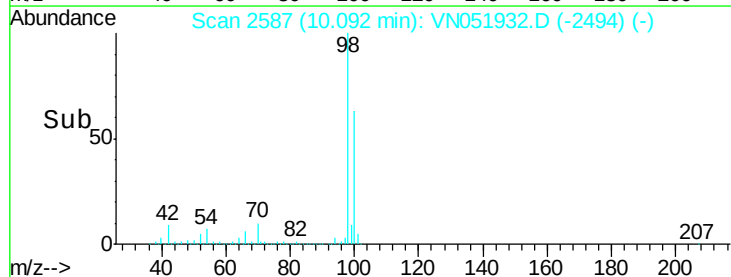
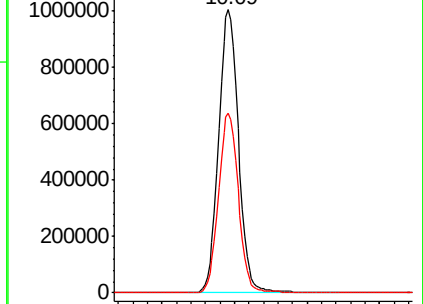
98 100

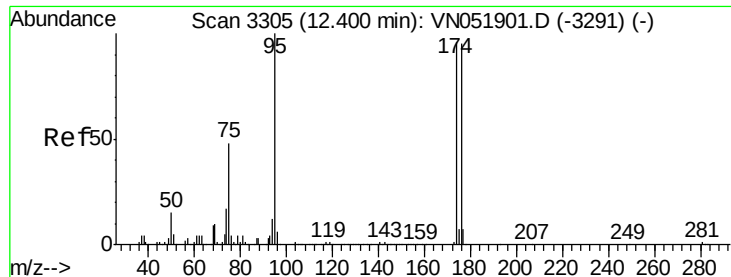
100 63.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

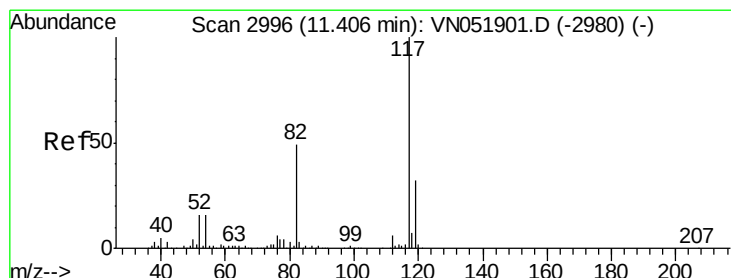
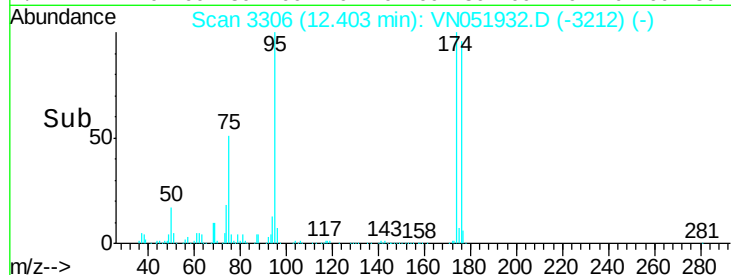
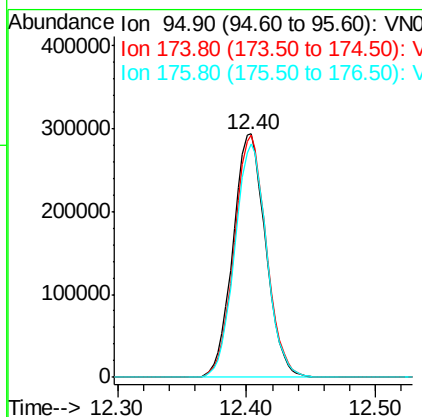
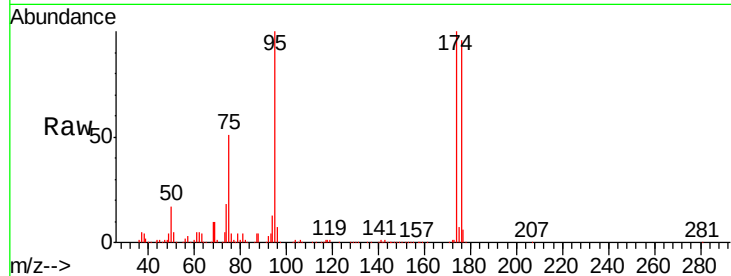




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051932.D
Acq: 18 Oct 2018 22:15

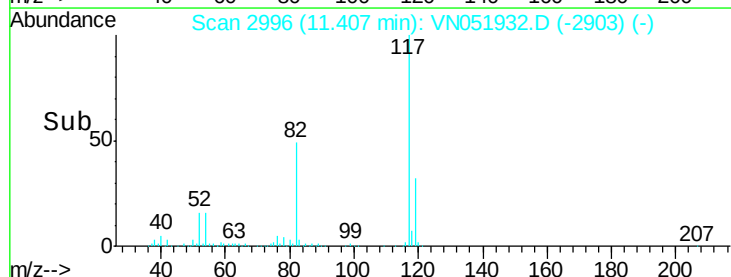
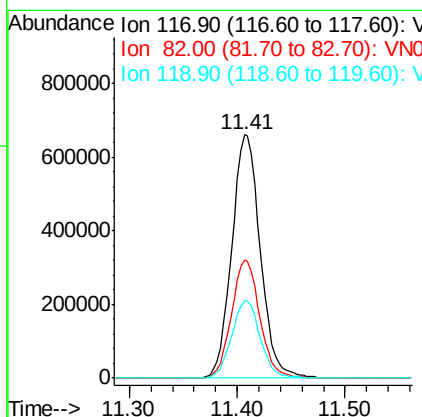
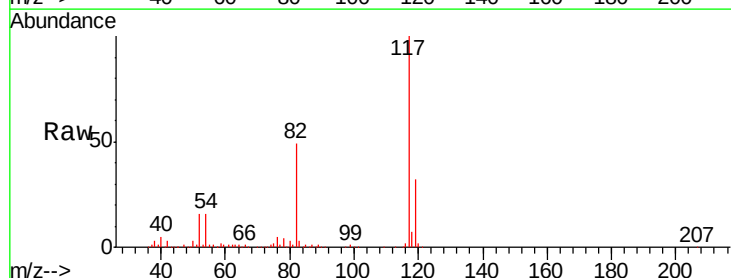
Instrument :
MSVOA_N
ClientSampleId :
PB113940TB

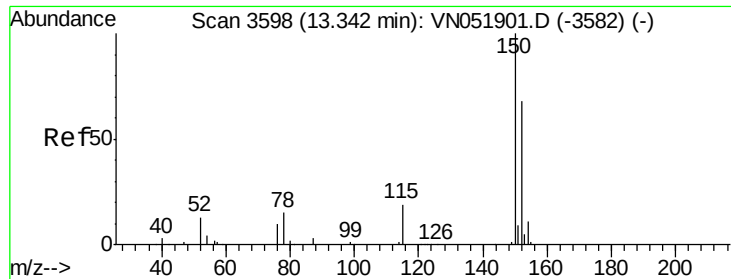
Tgt Ion: 95 Resp: 516441
Ion Ratio Lower Upper
95 100
174 97.8 0.0 195.0
176 93.7 0.0 191.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051932.D
Acq: 18 Oct 2018 22:15

Tgt Ion: 117 Resp: 1217428
Ion Ratio Lower Upper
117 100
82 48.6 38.9 58.3
119 32.0 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: VN051932.D

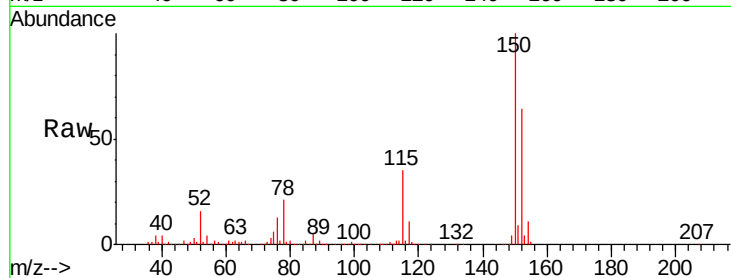
Acq: 18 Oct 2018 22:15

Instrument :

MSVOA_N

ClientSampleId :

PB113940TB



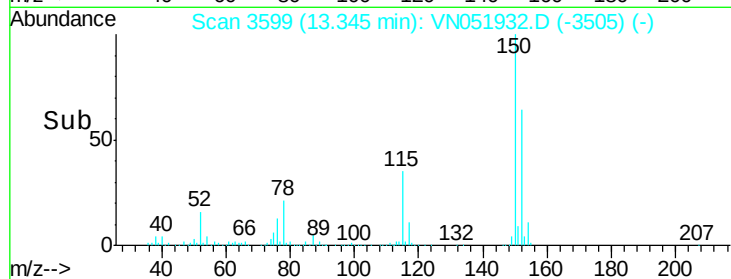
Tgt Ion:152 Resp: 406623

Ion Ratio Lower Upper

152 100

115 53.8 26.7 80.1

150 154.8 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

