

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051767.D
 Acq On : 9 Oct 2018 23:05
 Operator : MD\SY
 Sample : PB113645ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#07

Quant Time: Oct 10 04:46:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

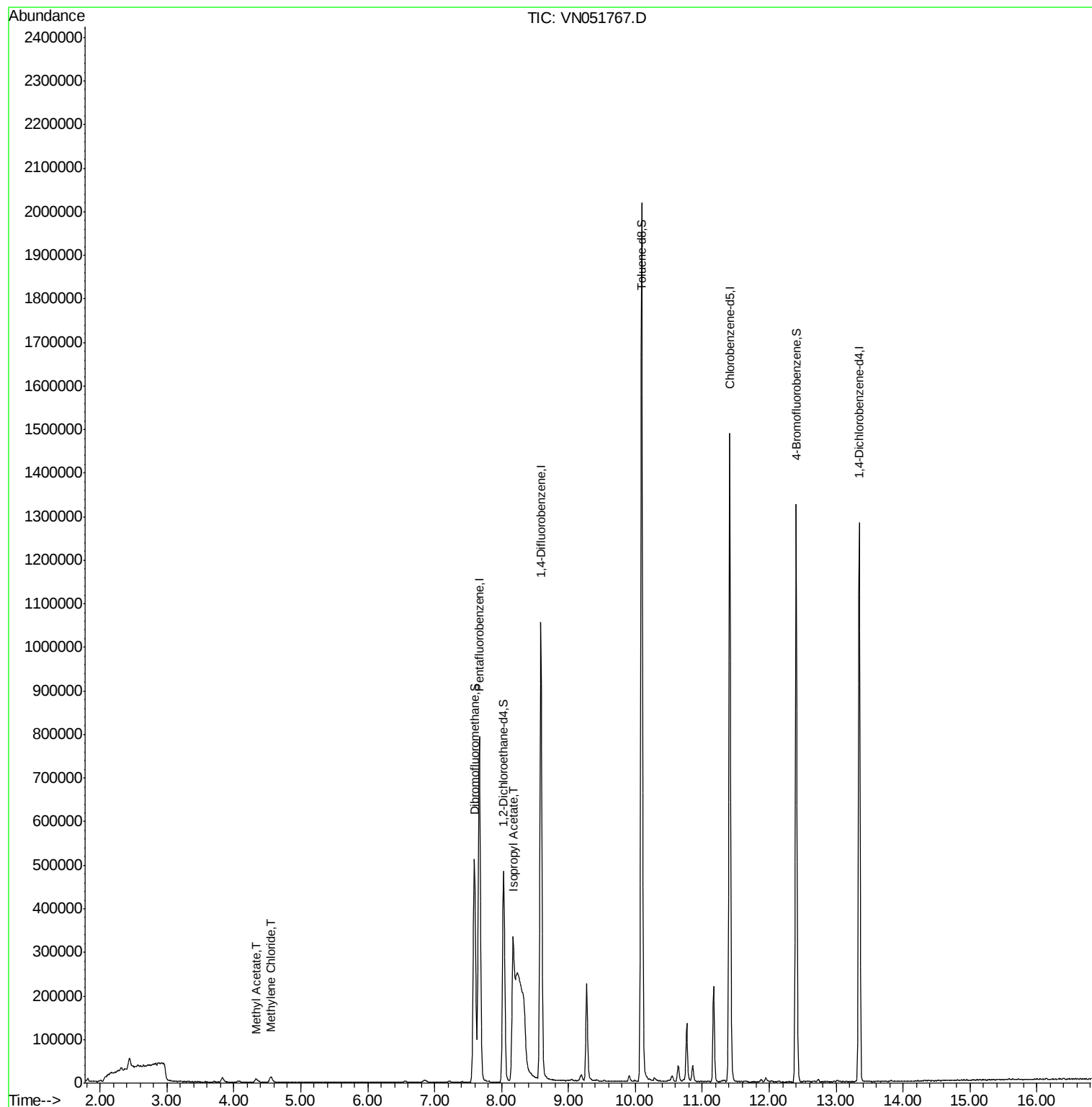
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	696882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1006723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	908734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	414187	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
35) Dibromofluoromethane	7.59	113	378100	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.09	98	1458287	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	414998	40.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.76%	
Target Compounds						
18) Methyl Acetate	4.34	43	14575	2.868	ug/l	97
20) Methylene Chloride	4.55	84	9205	1.215	ug/l	87
43) Isopropyl Acetate	8.17	43	433520	37.887	ug/l #	87

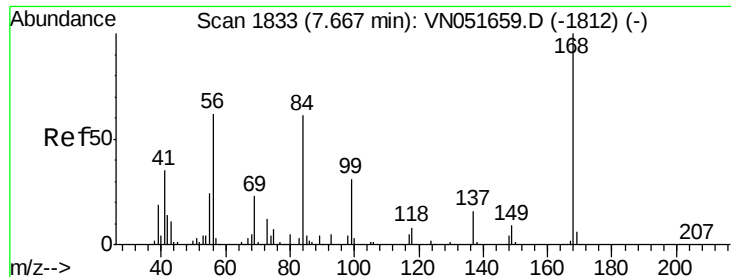
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051767.D

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MSVOA_N

ClientSampleId :

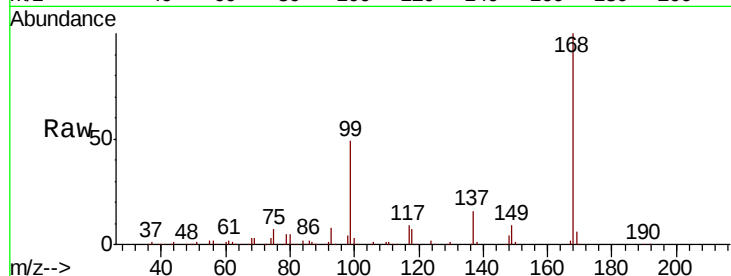
PB113645ZHE#07

Tot Ion:168 Resp: 696882

Ion Ratio Lower Upper

168 100

99 49.0 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

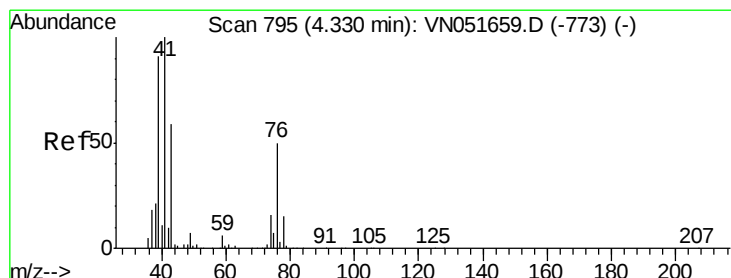
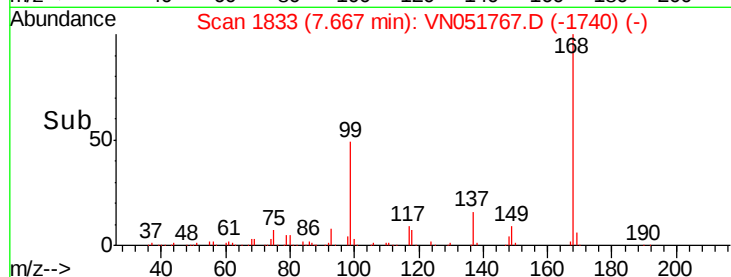
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 2.868 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051767.D

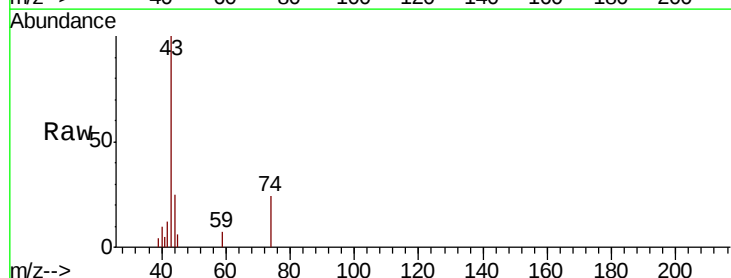
Acq: 9 Oct 2018 23:05

Tgt Ion: 43 Resp: 14575

Ion Ratio Lower Upper

43 100

74 25.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

5000

4000

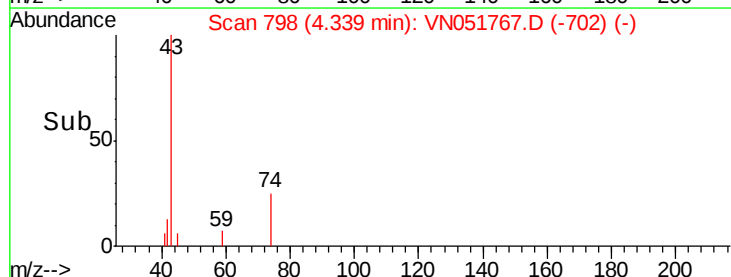
3000

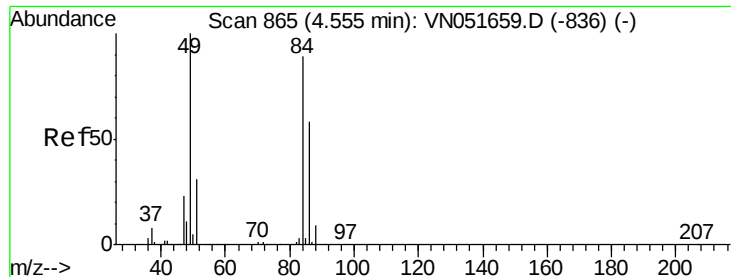
2000

1000

0

Time-->

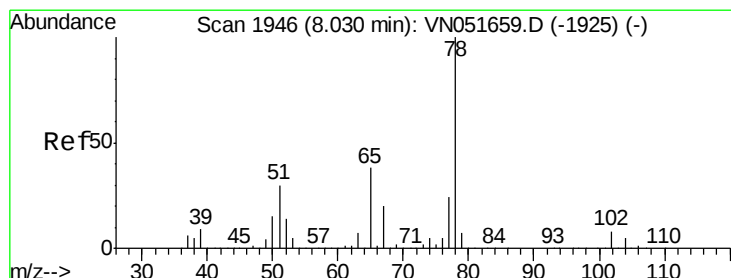
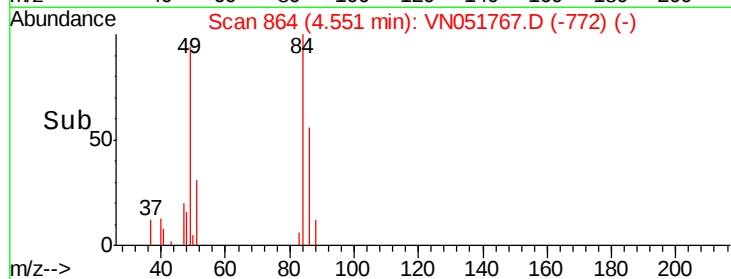
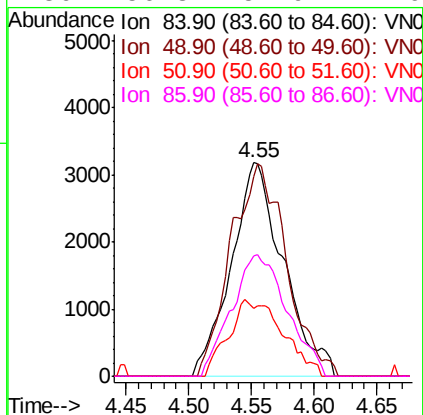
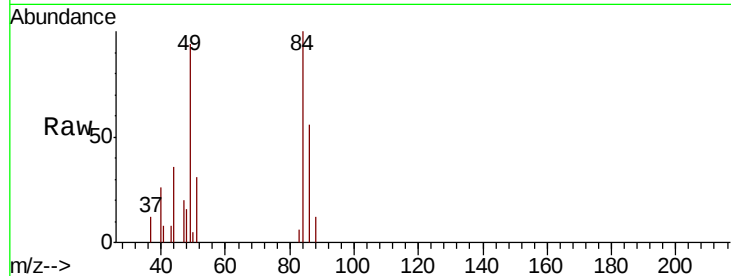




#20
Methvlene Chloride
Concen: 1.215 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051767.D
Acq: 9 Oct 2018 23:05

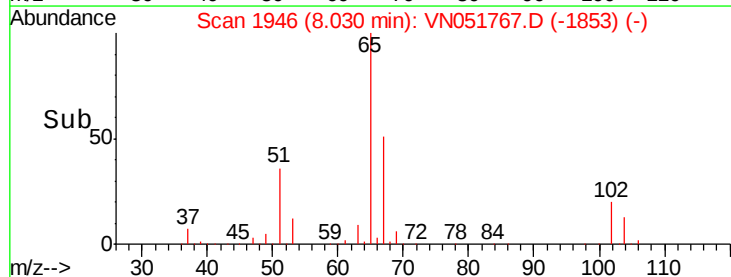
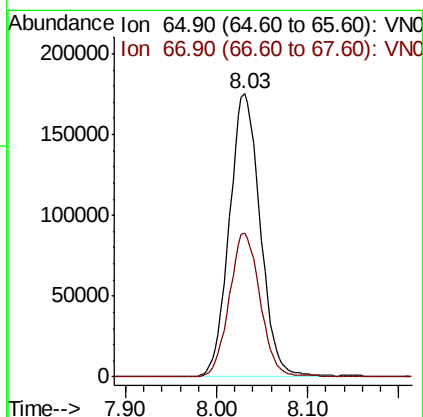
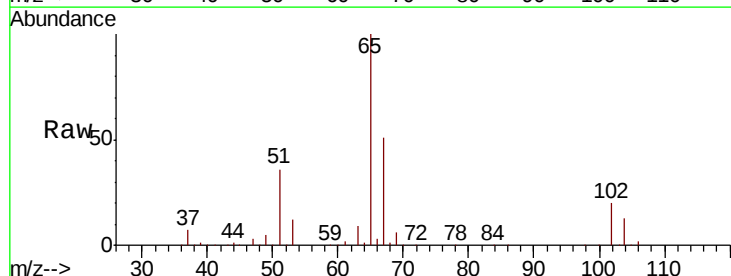
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#07

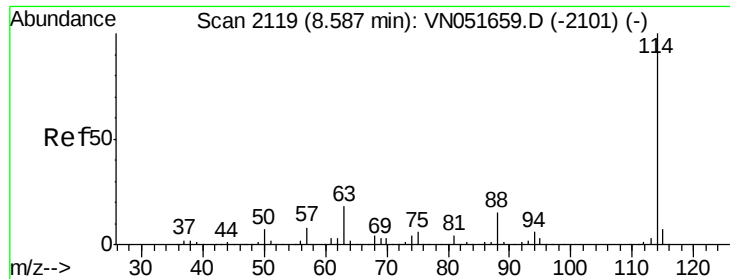
Tot Ion: 84 Resp: 9205
Ion Ratio Lower Upper
84 100
49 93.6 89.5 134.3
51 31.5 27.4 41.0
86 56.3 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051767.D
Acq: 9 Oct 2018 23:05

Tgt Ion: 65 Resp: 414187
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.6

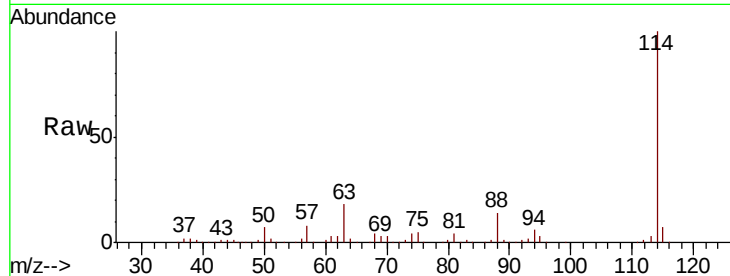




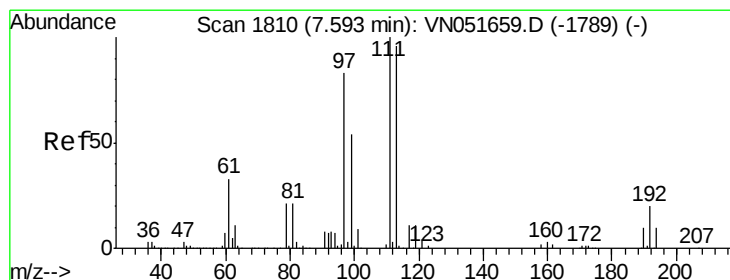
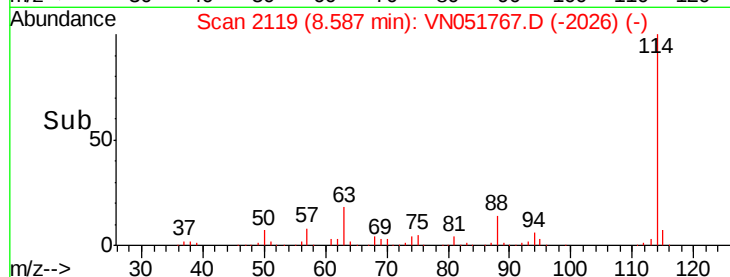
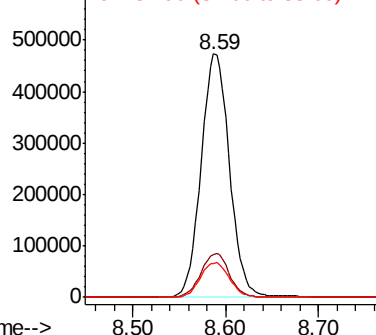
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051767.D
 Acq: 9 Oct 2018 23:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#07

Tot Ion:114 Resp: 1006723
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 14.0 0.0 30.2

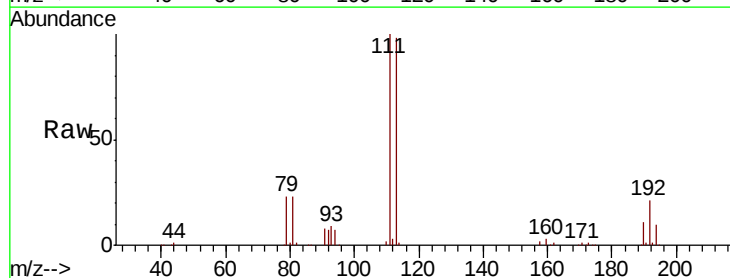


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

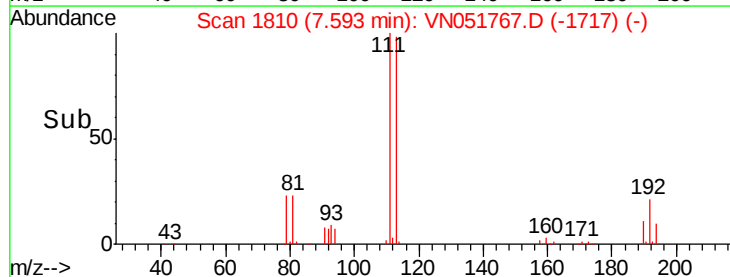
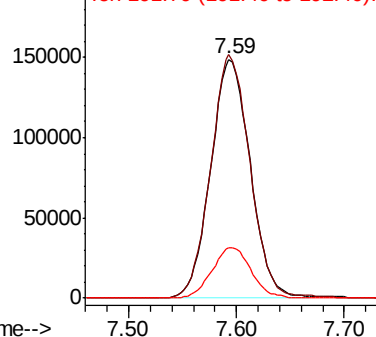


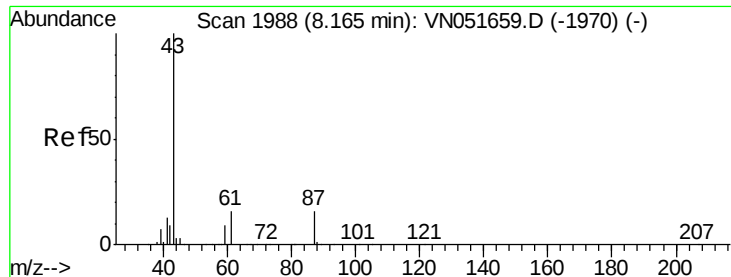
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051767.D
 Acq: 9 Oct 2018 23:05

Tgt Ion:113 Resp: 378100
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.8 122.8
 192 21.1 16.5 24.7



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: 37.887 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051767.D

Acq: 9 Oct 2018 23:05

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#07

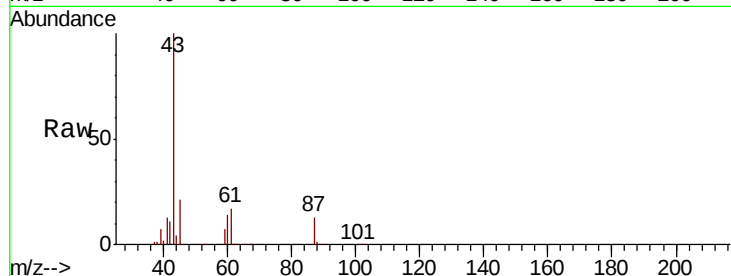
Tot Ion: 43 Resp: 433520

Ion Ratio Lower Upper

43 100

61 13.9 15.8 23.6#

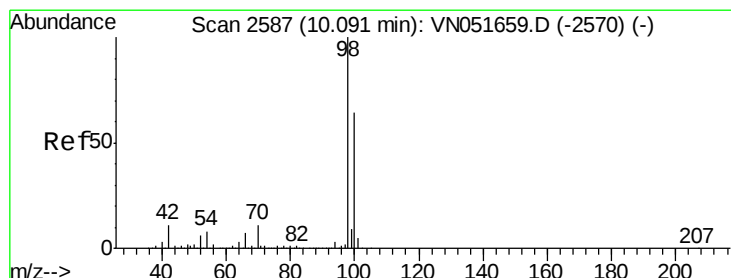
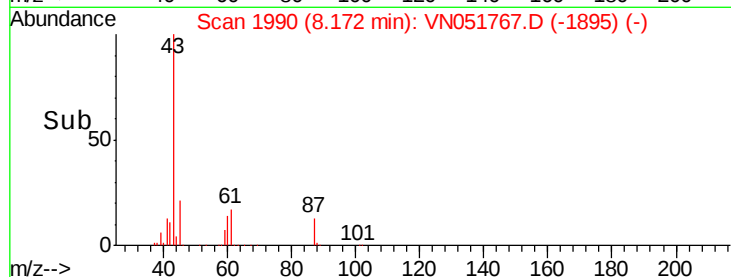
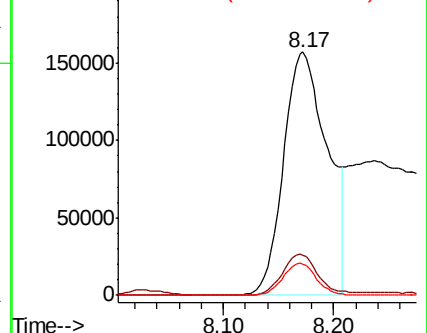
87 10.1 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051767.D

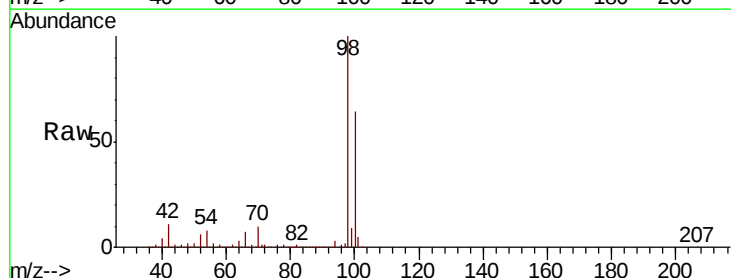
Acq: 9 Oct 2018 23:05

Tgt Ion: 98 Resp: 1458287

Ion Ratio Lower Upper

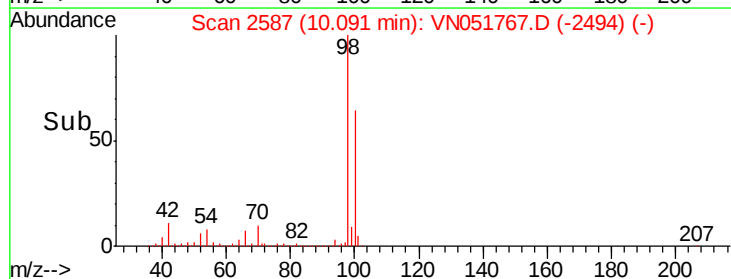
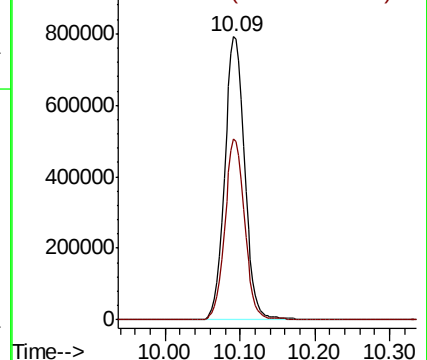
98 100

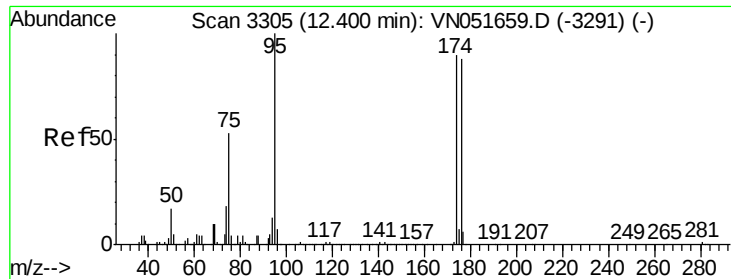
100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

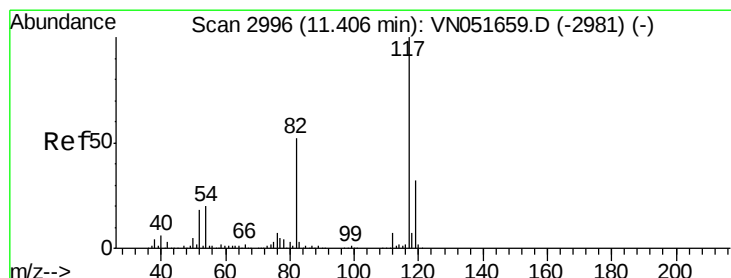
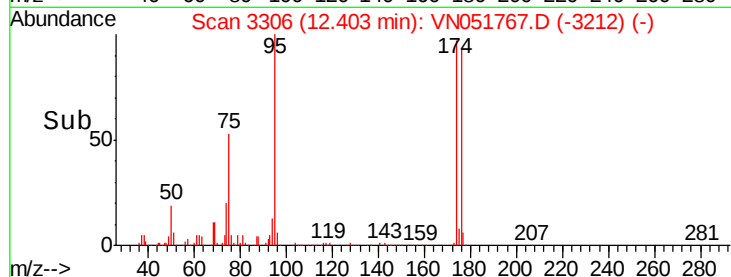
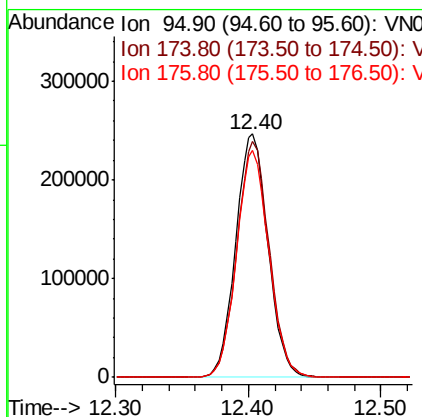
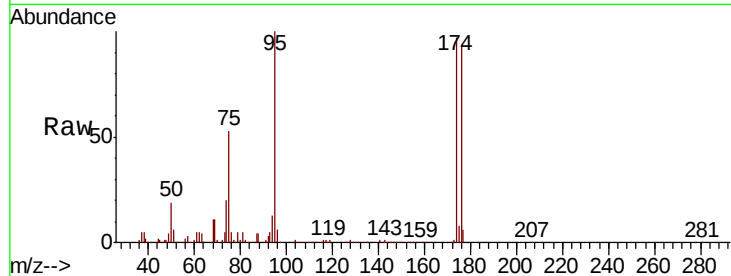




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051767.D
Acq: 9 Oct 2018 23:05

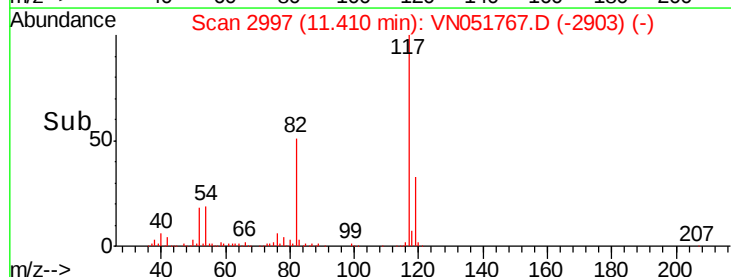
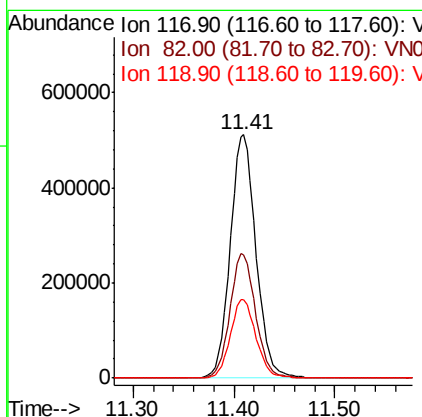
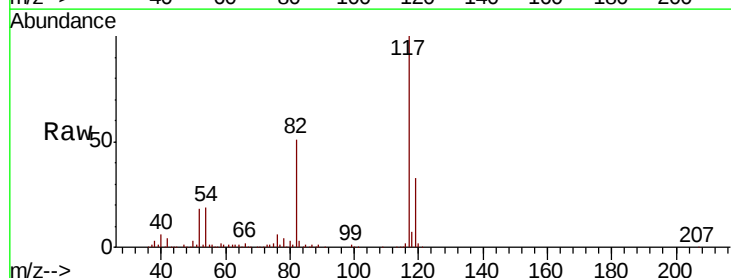
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#07

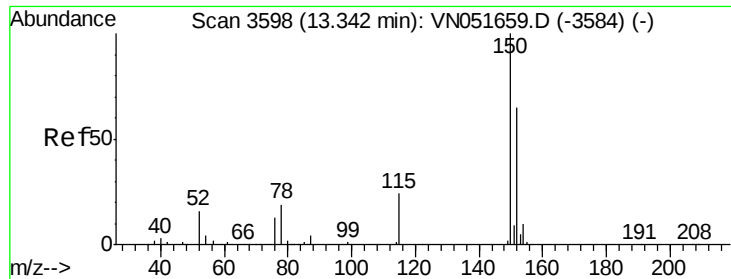
Tot Ion: 95 Resp: 414998
Ion Ratio Lower Upper
95 100
174 97.3 0.0 182.8
176 93.6 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051767.D
Acq: 9 Oct 2018 23:05

Tgt Ion: 117 Resp: 908734
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 32.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051767.D

Acq: 9 Oct 2018 23:05

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#07

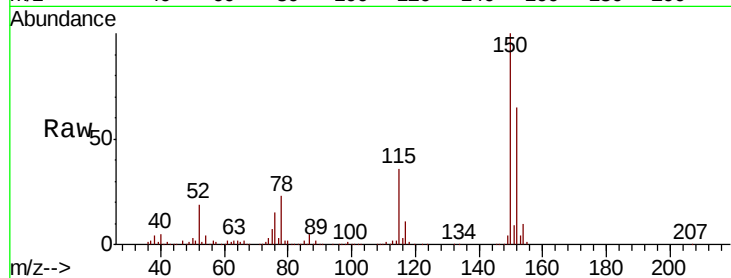
Tot Ion:152 Resp: 356385

Ion Ratio Lower Upper

152 100

115 55.7 28.6 85.8

150 157.5 0.0 352.4



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

