

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049806.D
 Acq On : 13 Jul 2018 19:11
 Operator : MD\SY
 Sample : PB111069ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#09

Quant Time: Jul 14 00:30:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

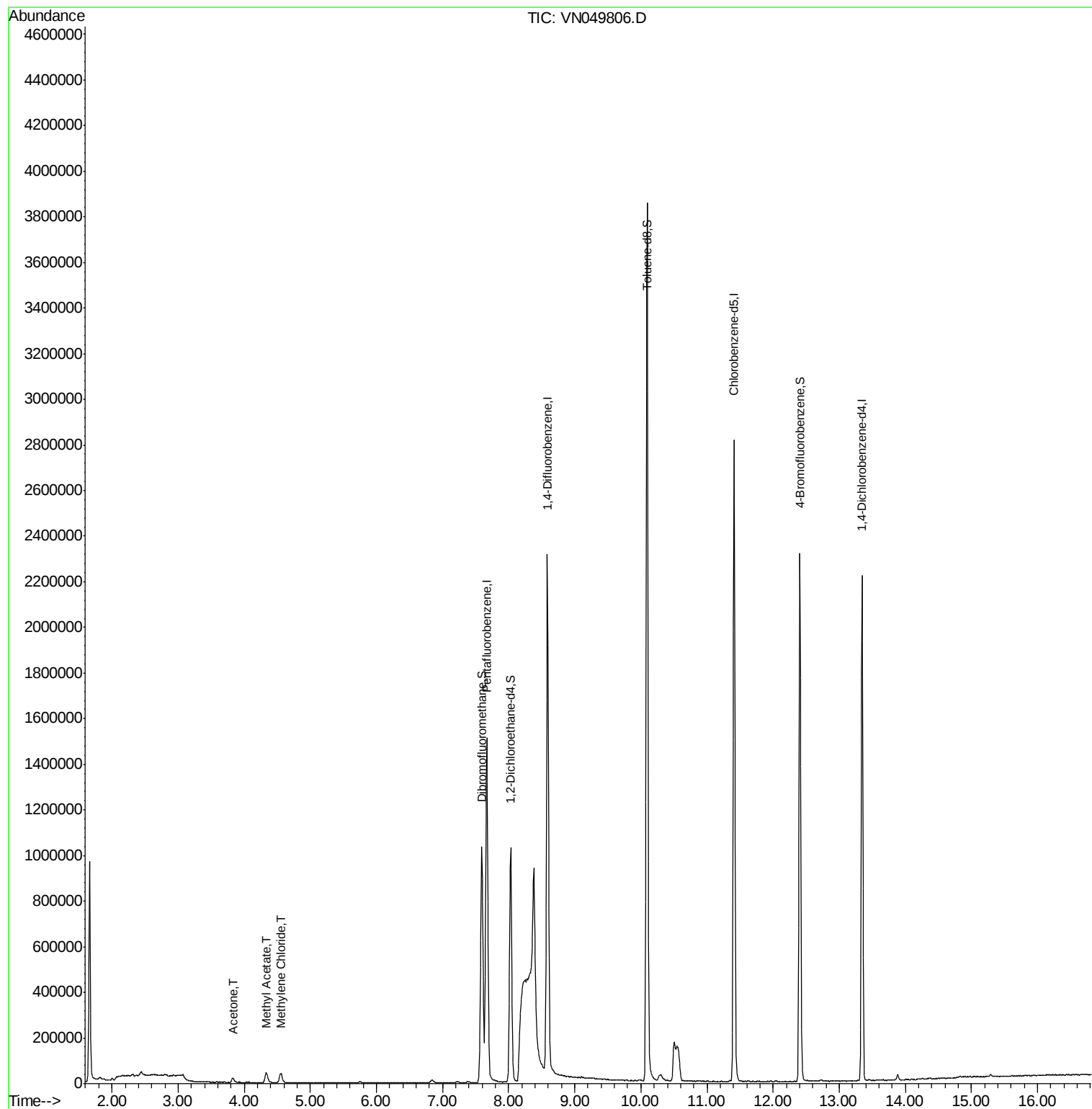
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1276581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2108408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1696286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	620470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	866651	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.72%	
35) Dibromofluoromethane	7.59	113	794491	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.09	98	2791775	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	765899	39.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.84%	
Target Compounds						
16) Acetone	3.83	43	32208	6.79	ug/l	98
18) Methyl Acetate	4.33	43	87343	6.40	ug/l	98
20) Methylene Chloride	4.55	84	29088	1.01	ug/l	98

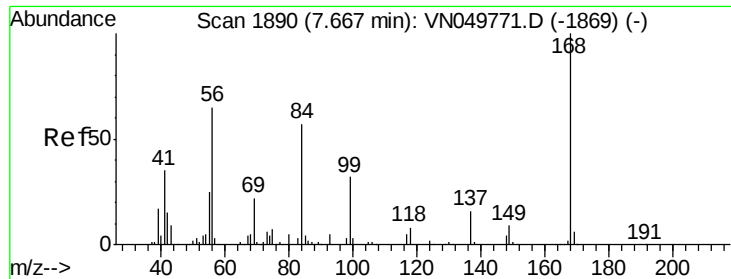
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049806.D

Acq: 13 Jul 2018 19:11

Instrument :

MSVOA_N

ClientSampleId :

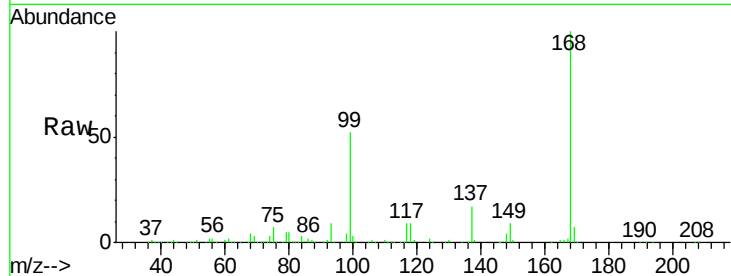
PB111069ZHE#09

Tot Ion:168 Resp: 1276581

Ion Ratio Lower Upper

168 100

99 52.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

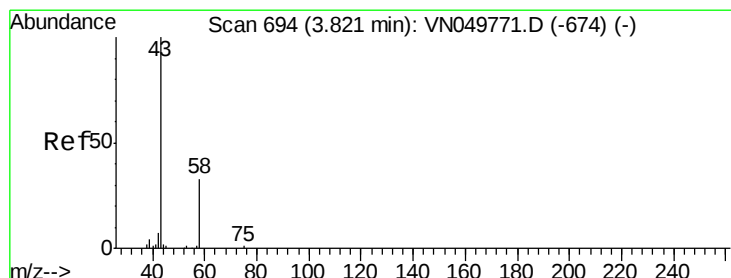
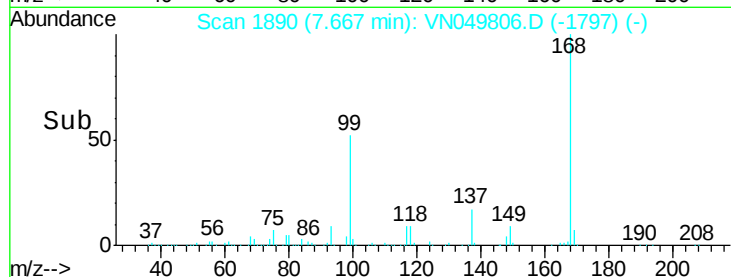
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.79 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049806.D

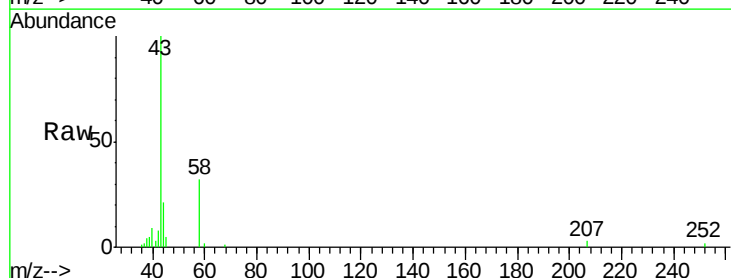
Acq: 13 Jul 2018 19:11

Tgt Ion: 43 Resp: 32208

Ion Ratio Lower Upper

43 100

58 33.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

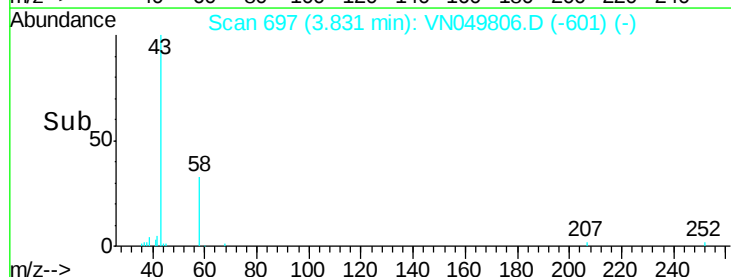
3.83

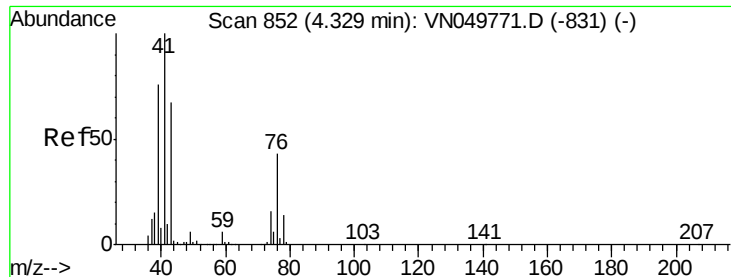
10000

5000

0

Time-->

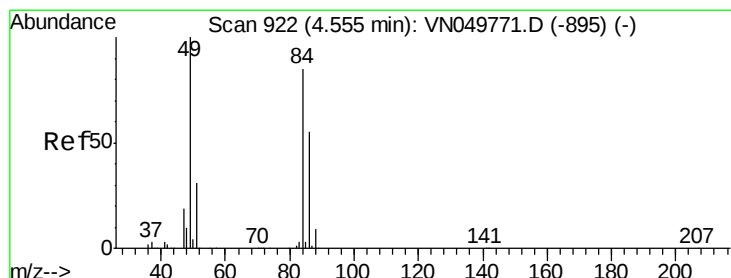
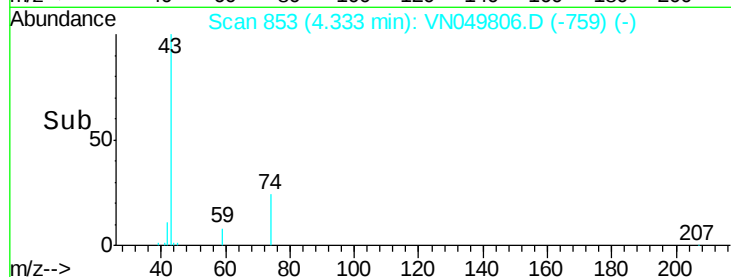
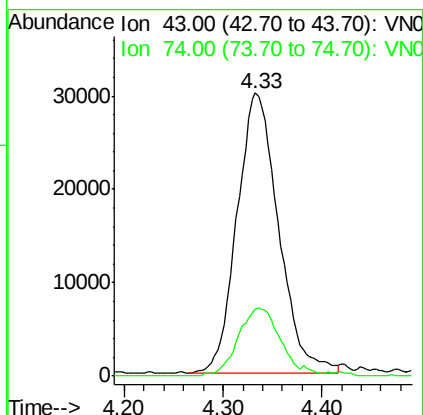
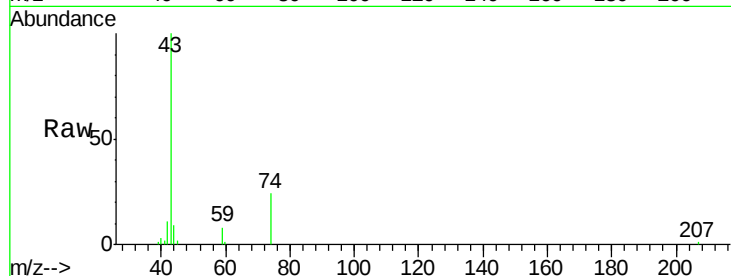




#18
Methvl Acetate
Concen: 6.40 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049806.D
Acq: 13 Jul 2018 19:11

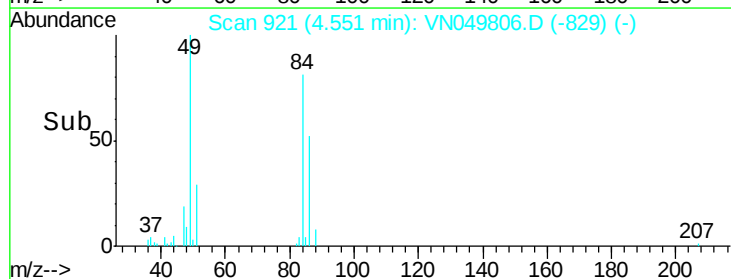
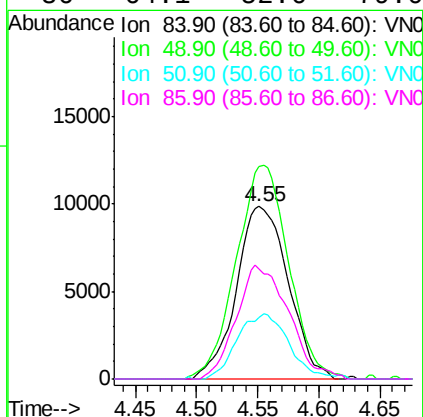
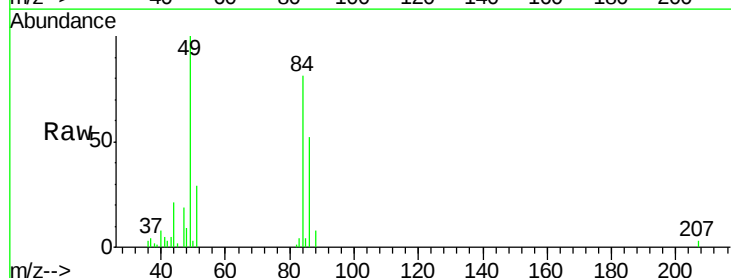
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#09

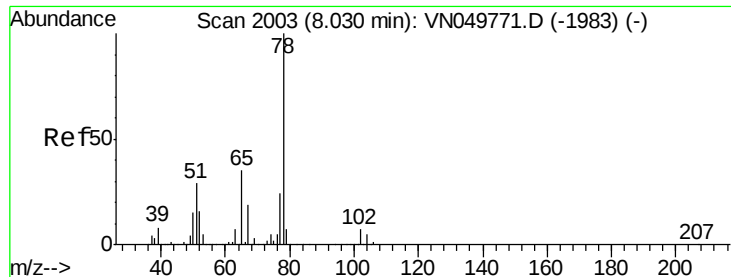
Tot Ion: 43 Resp: 87343
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8



#20
Methylene Chloride
Concen: 1.01 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049806.D
Acq: 13 Jul 2018 19:11

Tgt Ion: 84 Resp: 29088
Ion Ratio Lower Upper
84 100
49 121.3 95.4 143.2
51 34.0 28.4 42.6
86 64.1 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 58.36 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049806.D

Acq: 13 Jul 2018 19:11

Instrument :

MSVOA_N

ClientSampleId :

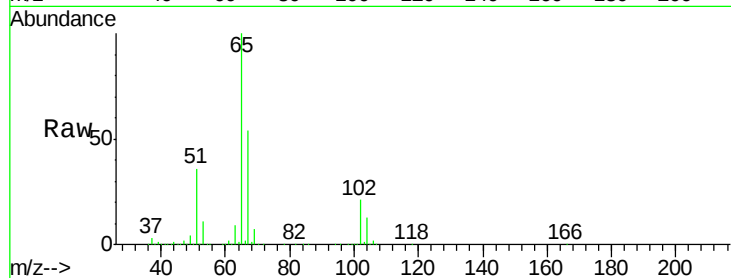
PB111069ZHE#09

Tot Ion: 65 Resp: 866651

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049806.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN049806.D (-1910) (-)

8.03

400000

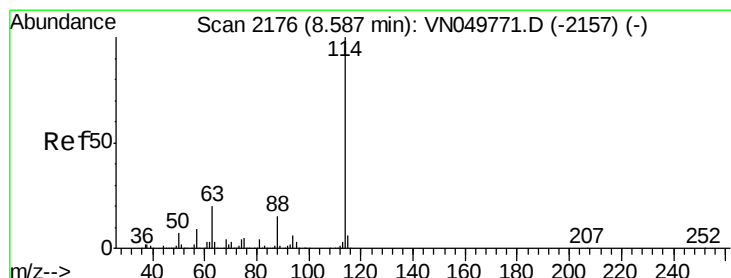
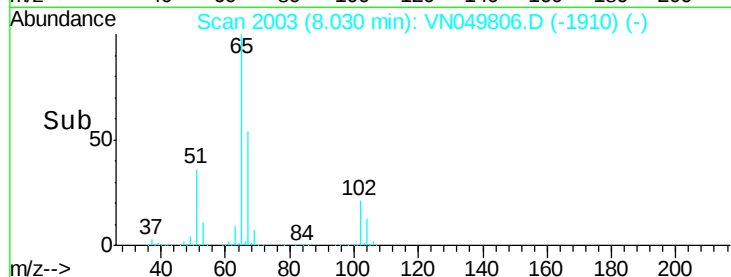
300000

200000

100000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049806.D

Acq: 13 Jul 2018 19:11

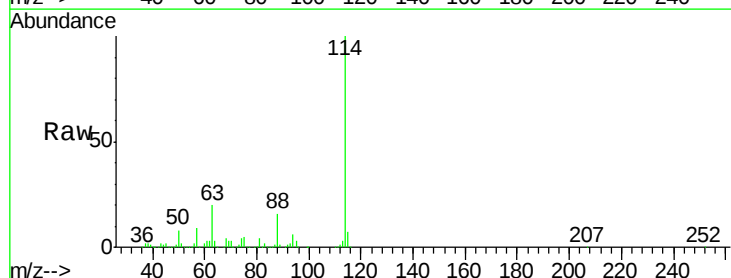
Tgt Ion: 114 Resp: 2108408

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

88 15.6 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049806.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049806.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049806.D (-2083) (-)

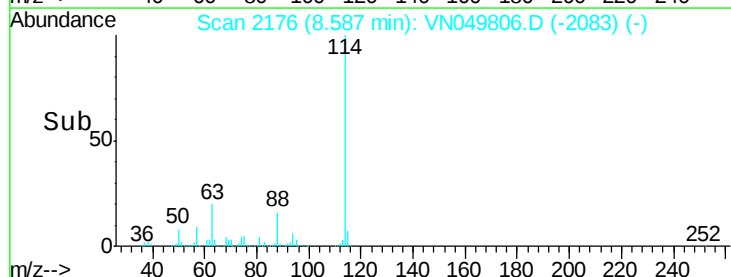
8.59

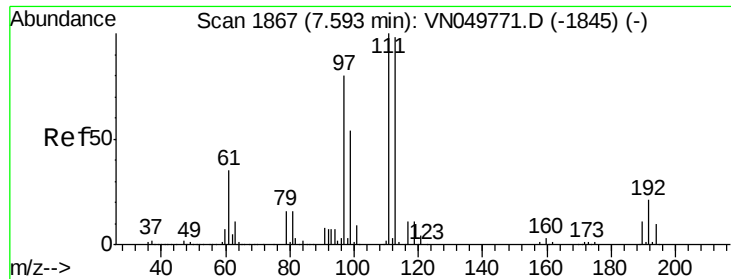
1000000

500000

0

Time--> 8.50 8.60 8.70

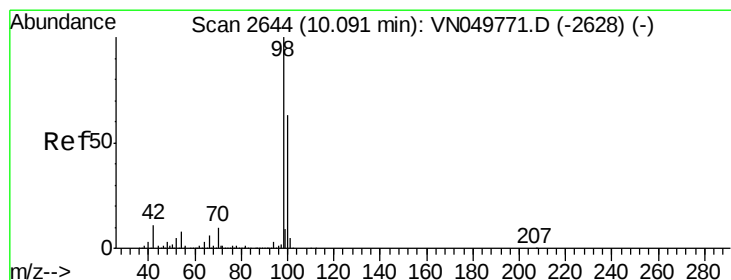
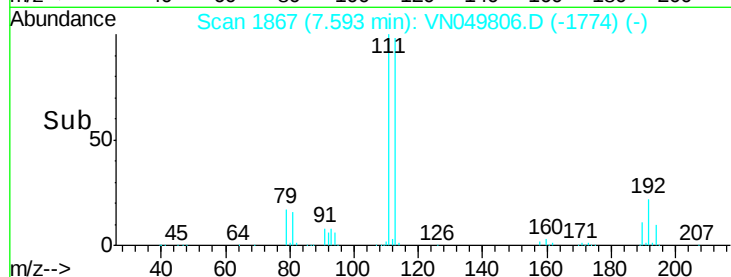
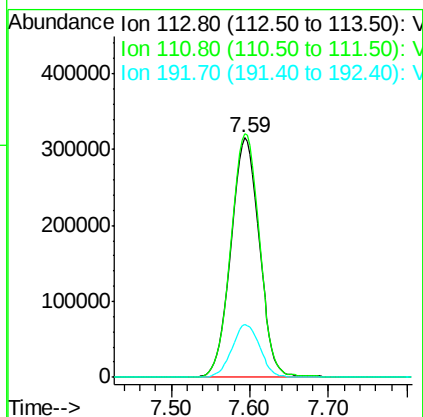
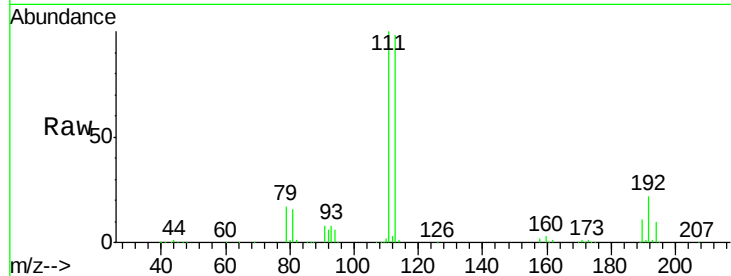




#35
Dibromofluoromethane
Concen: 49.99 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049806.D
Acq: 13 Jul 2018 19:11

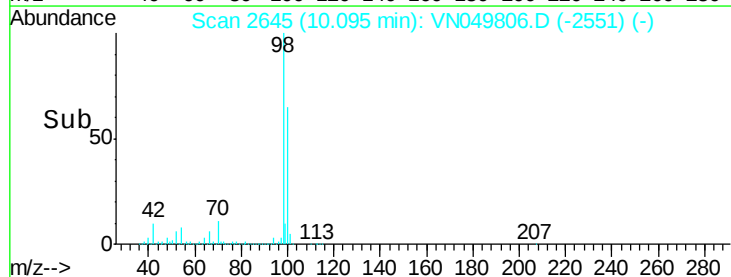
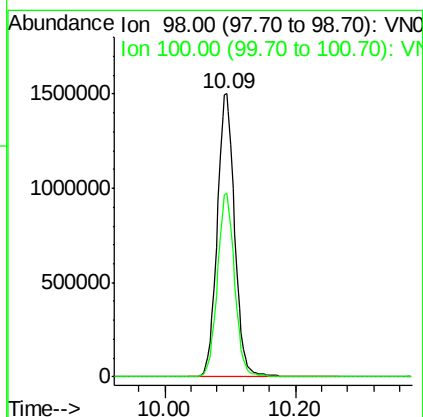
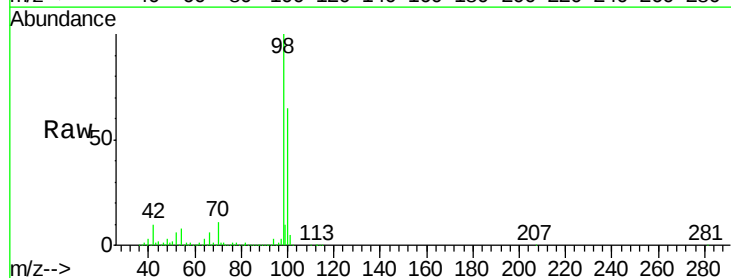
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#09

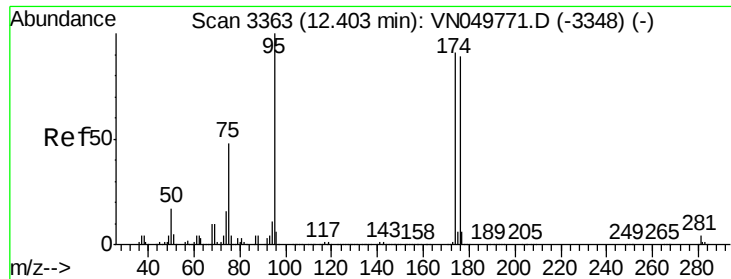
Tot Ion:113 Resp: 794491
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 21.6 17.8 26.6



#50
Toluene-d8
Concen: 51.32 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049806.D
Acq: 13 Jul 2018 19:11

Tgt Ion: 98 Resp: 2791775
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

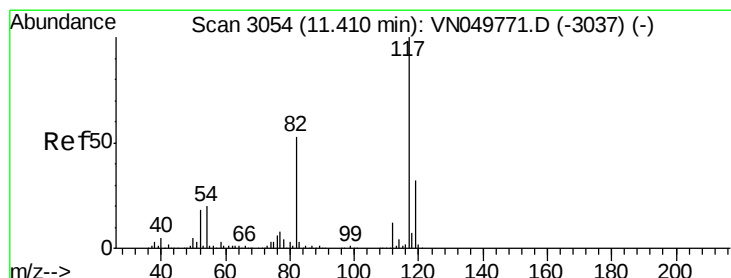
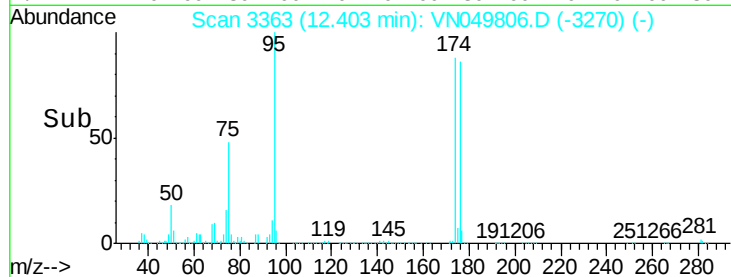
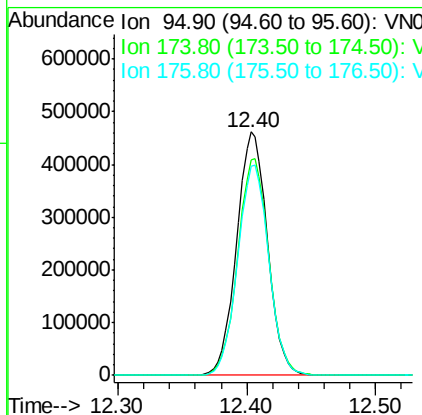
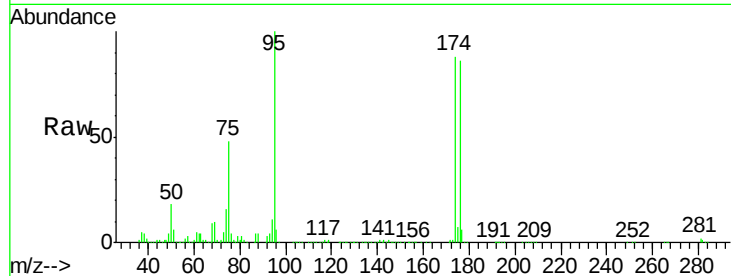




#62
4-Bromofluorobenzene
Concen: 39.42 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049806.D
Acq: 13 Jul 2018 19:11

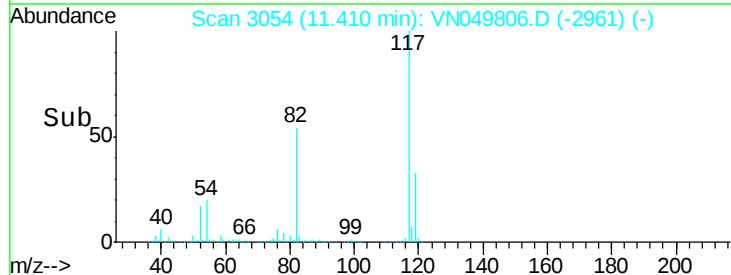
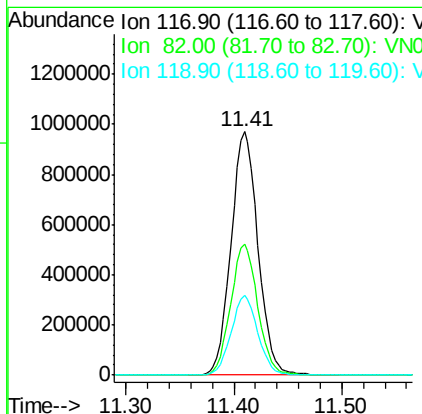
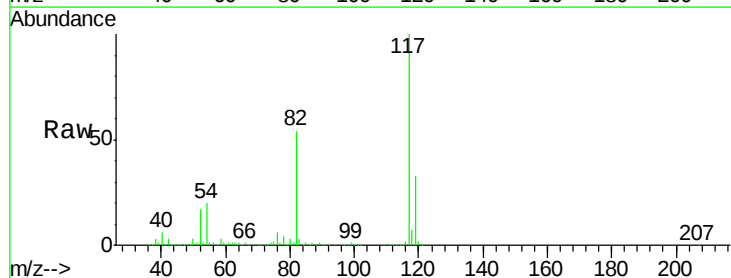
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#09

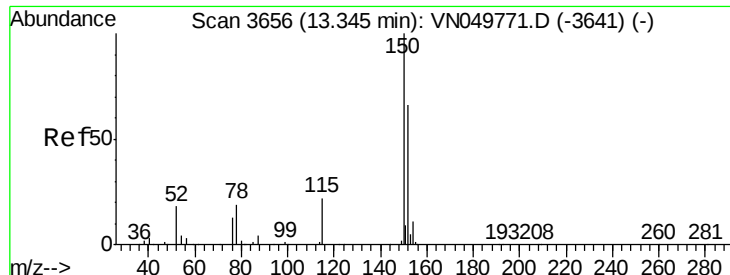
Tot Ion: 95 Resp: 765899
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.6
176 87.4 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049806.D
Acq: 13 Jul 2018 19:11

Tgt Ion: 117 Resp: 1696286
Ion Ratio Lower Upper
117 100
82 54.0 41.9 62.9
119 32.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049806.D

Acq: 13 Jul 2018 19:11

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#09

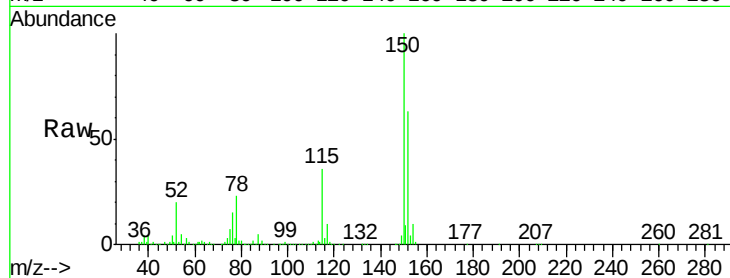
Tot Ion:152 Resp: 620470

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 157.3 0.0 347.6



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

