

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050927.D
 Acq On : 28 Aug 2018 21:06
 Operator : MD\SY
 Sample : PB112421ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#05

Quant Time: Aug 29 06:45:30 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	979873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	254673	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	389515	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
35) Dibromofluoromethane	7.59	113	375899	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	10.09	98	1311192	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
62) 4-Bromofluorobenzene	12.40	95	339764	35.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.16%	

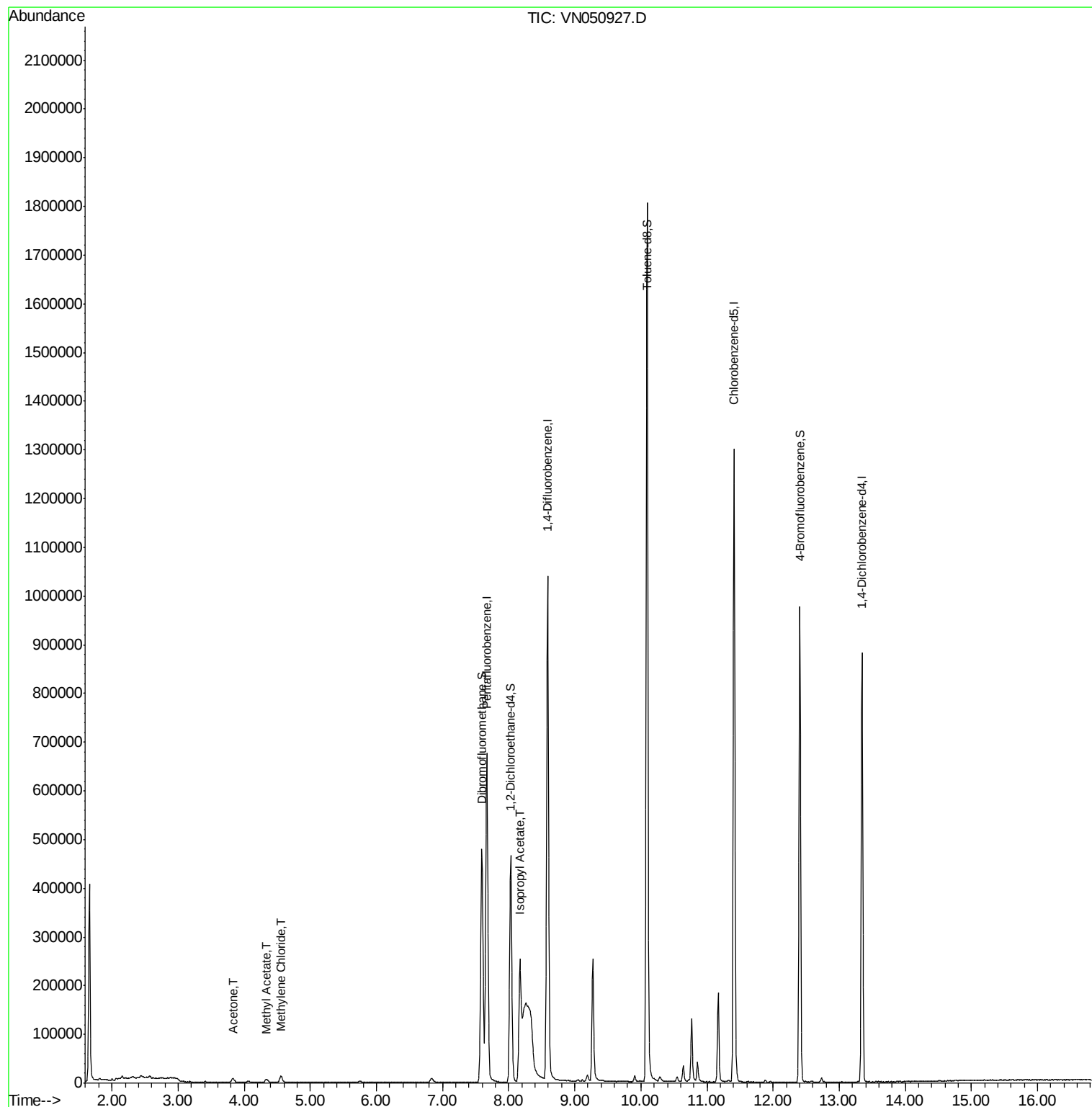
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	15991	2.42	ug/l	93
18) Methyl Acetate	4.33	43	13714	2.02	ug/l	99
20) Methylene Chloride	4.56	84	10697	1.32	ug/l	97
43) Isopropyl Acetate	8.17	43	329350	28.84	ug/l #	91

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

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050927.D

Acq: 28 Aug 2018 21:06

Instrument :

MSVOA_N

ClientSampleId :

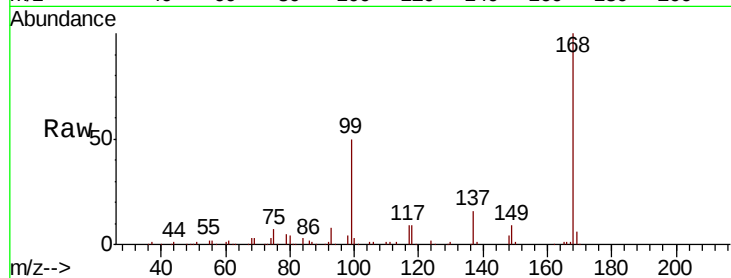
PB112421ZHE#05

Tot Ion:168 Resp: 595817

Ion Ratio Lower Upper

168 100

99 49.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050927.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050927.D (-1797) (-)

7.67

250000

200000

150000

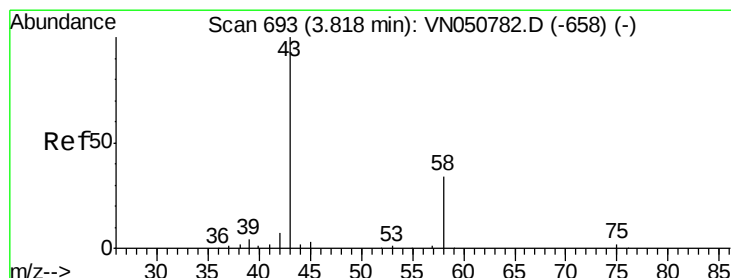
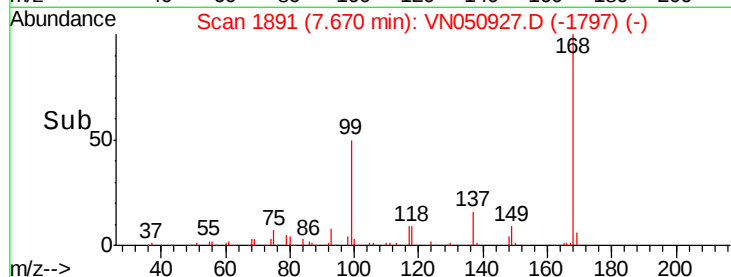
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 2.42 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050927.D

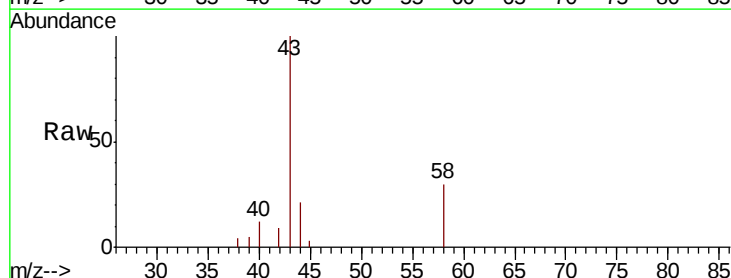
Acq: 28 Aug 2018 21:06

Tgt Ion: 43 Resp: 15991

Ion Ratio Lower Upper

43 100

58 30.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050927.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050927.D (-600) (-)

3.83

6000

5000

4000

3000

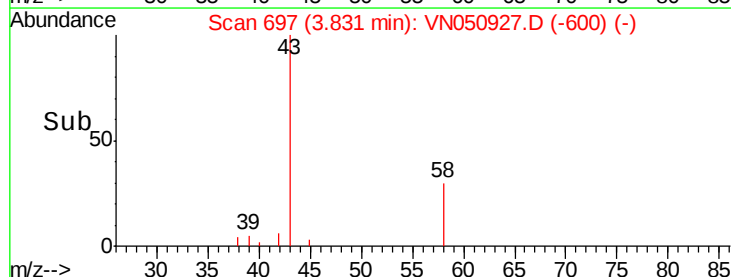
2000

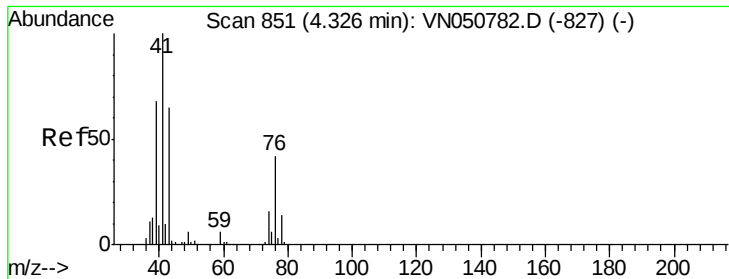
1000

0

3.75 3.80 3.85 3.90

Time-->

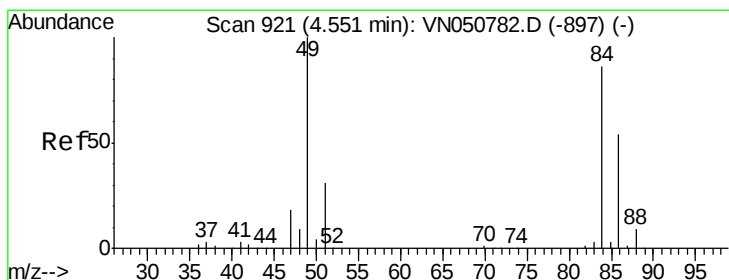
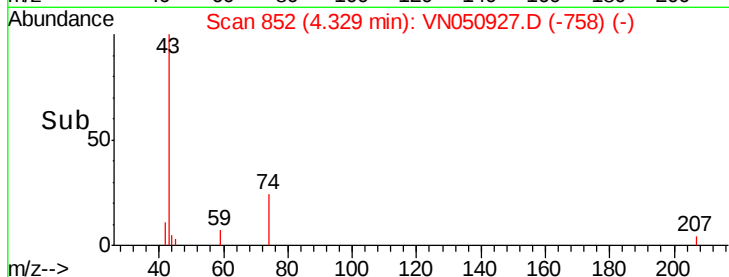
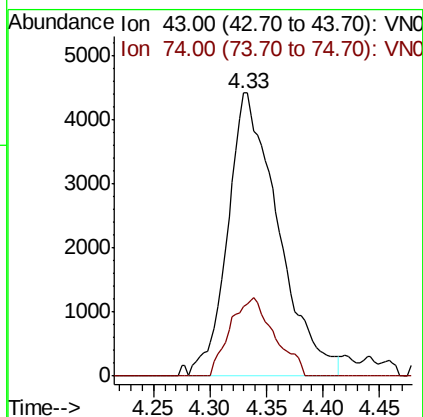
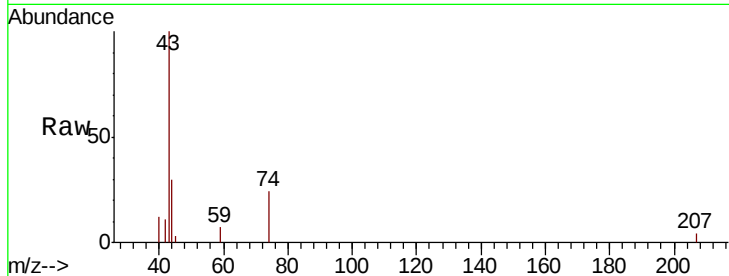




#18
Methyl Acetate
Concen: 2.02 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050927.D
Acq: 28 Aug 2018 21:06

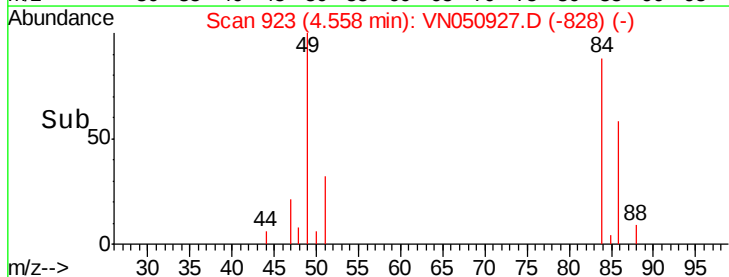
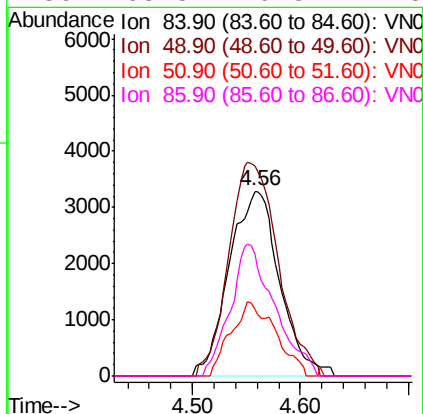
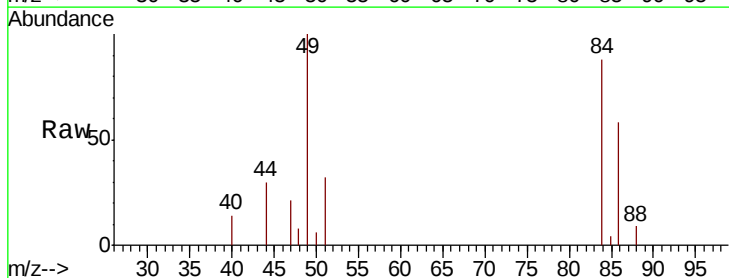
Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#05

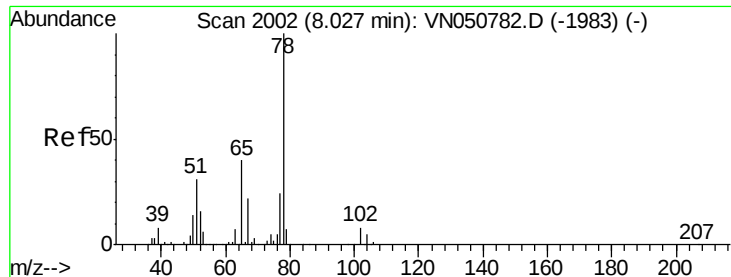
Tot Ion: 43 Resp: 13714
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8



#20
Methylene Chloride
Concen: 1.32 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050927.D
Acq: 28 Aug 2018 21:06

Tgt Ion: 84 Resp: 10697
Ion Ratio Lower Upper
84 100
49 113.7 93.2 139.8
51 35.9 29.0 43.6
86 65.8 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 54.30 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050927.D

Acq: 28 Aug 2018 21:06

Instrument :

MSVOA_N

ClientSampleId :

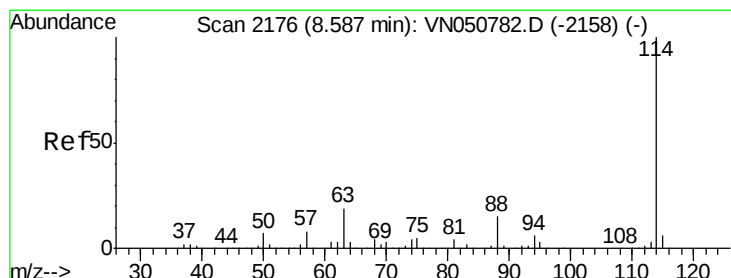
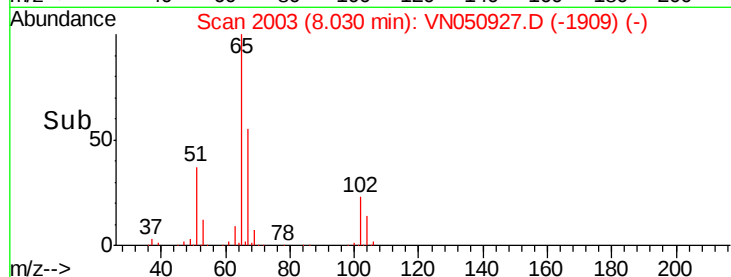
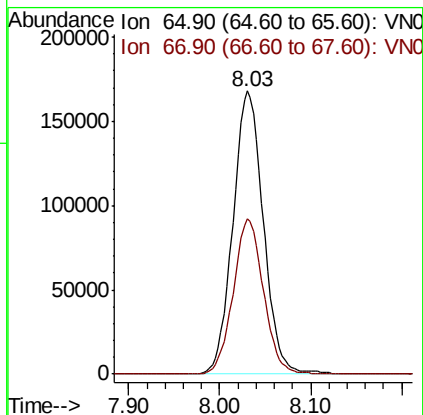
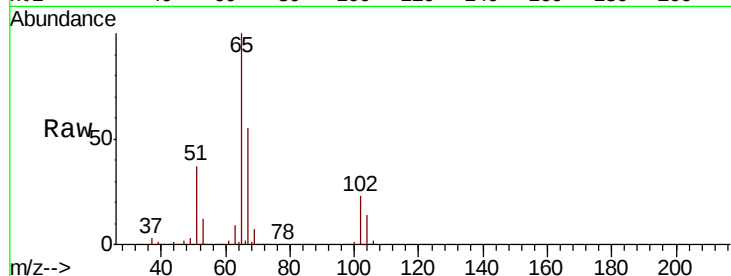
PB112421ZHE#05

Tot Ion: 65 Resp: 389515

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050927.D

Acq: 28 Aug 2018 21:06

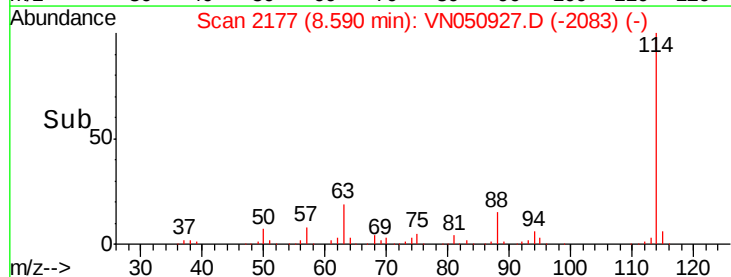
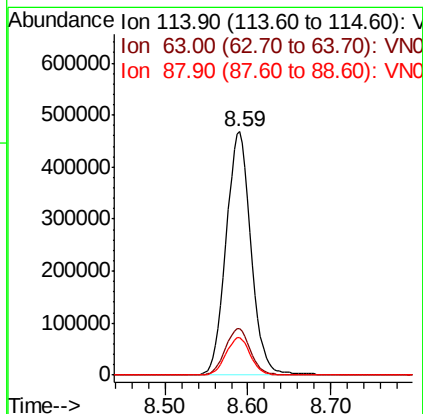
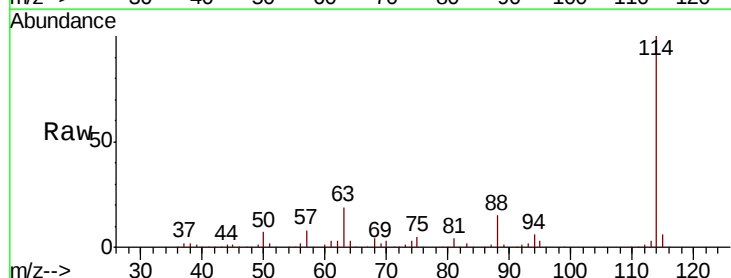
Tgt Ion: 114 Resp: 979873

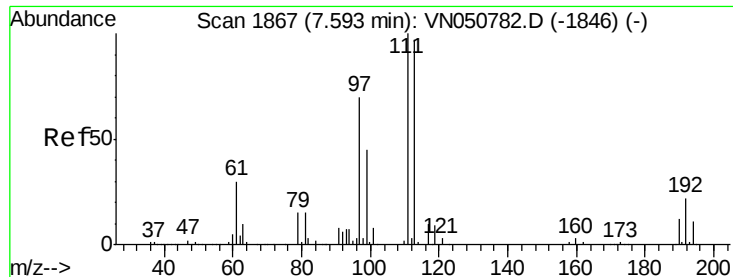
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

88 15.3 0.0 30.6

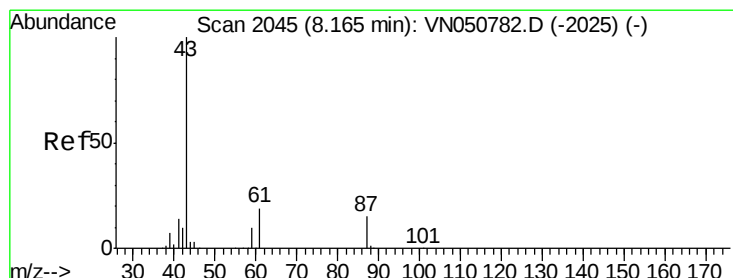
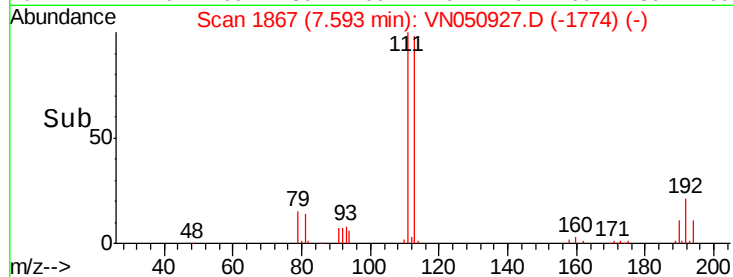
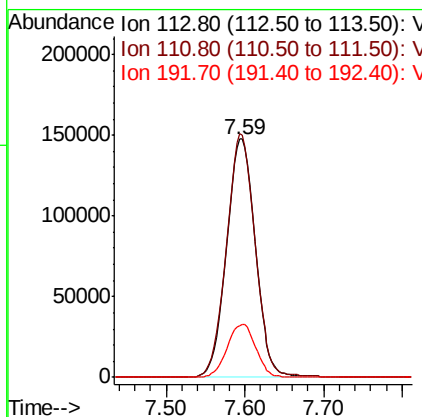
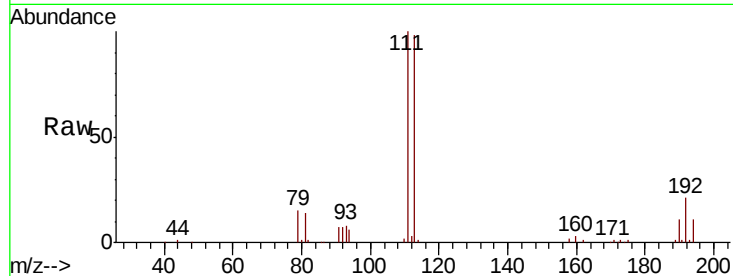




#35
 Dibromofluoromethane
 Concen: 48.22 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050927.D
 Acq: 28 Aug 2018 21:06

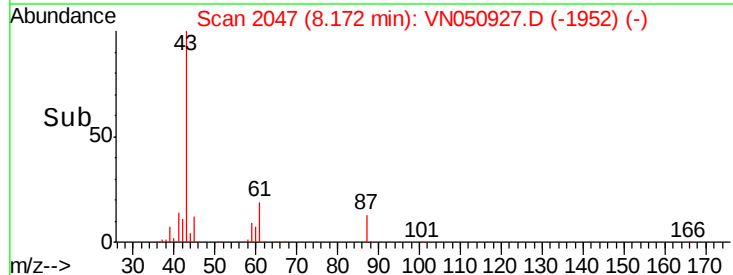
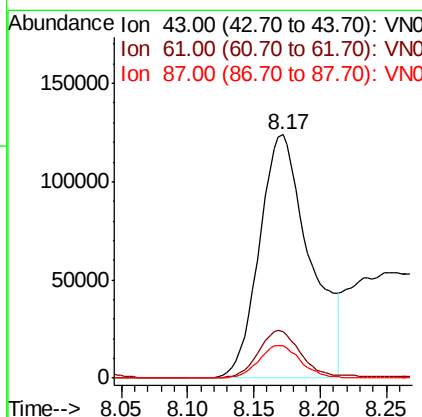
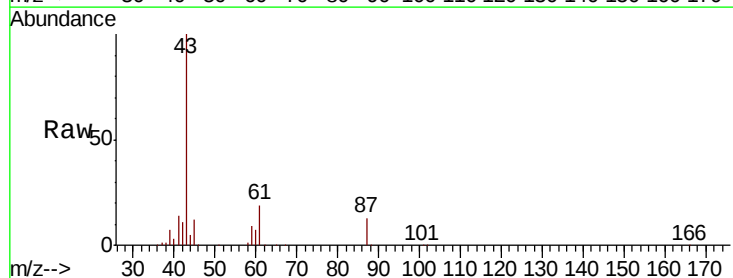
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#05

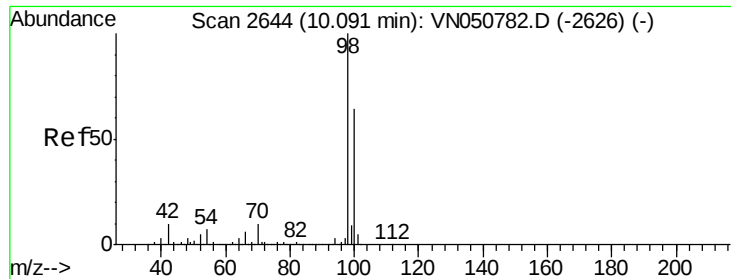
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.6	123.8
192	22.1	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 28.84 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050927.D
 Acq: 28 Aug 2018 21:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	17.5	26.3#
87	11.1	11.3	16.9#





#50

Toluene-d8

Concen: 44.99 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050927.D

Acq: 28 Aug 2018 21:06

Instrument :

MSVOA_N

ClientSampleId :

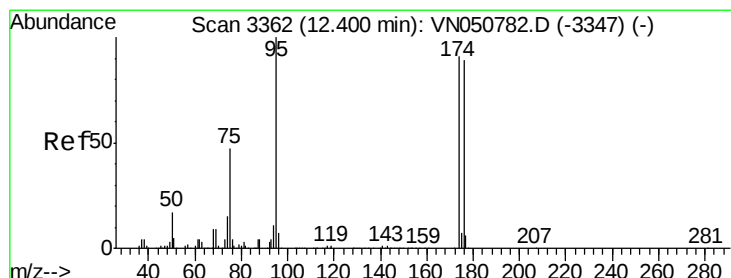
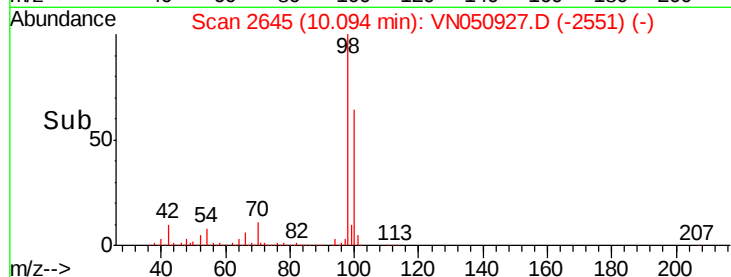
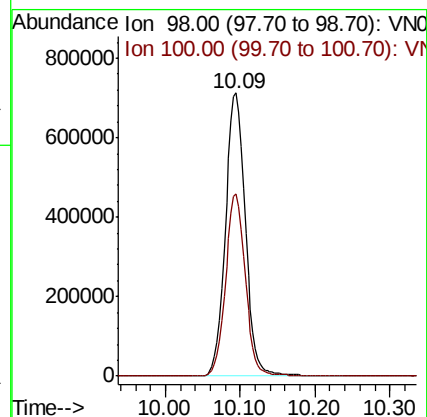
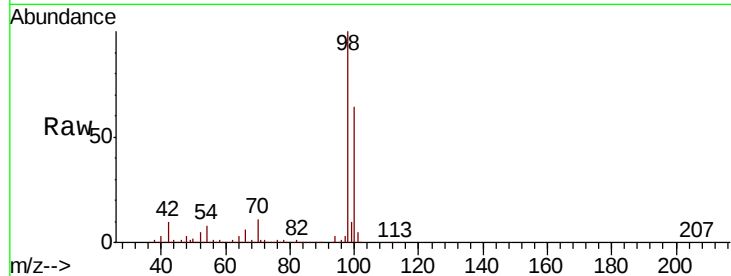
PB112421ZHE#05

Tot Ion: 98 Resp: 1311192

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 35.08 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050927.D

Acq: 28 Aug 2018 21:06

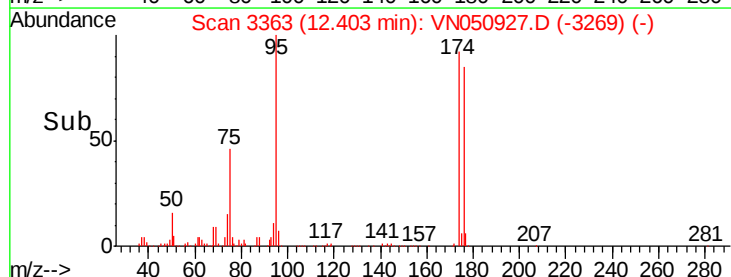
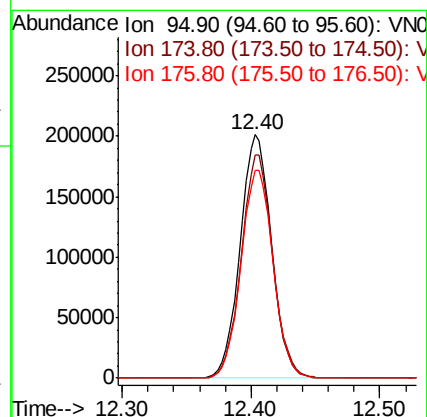
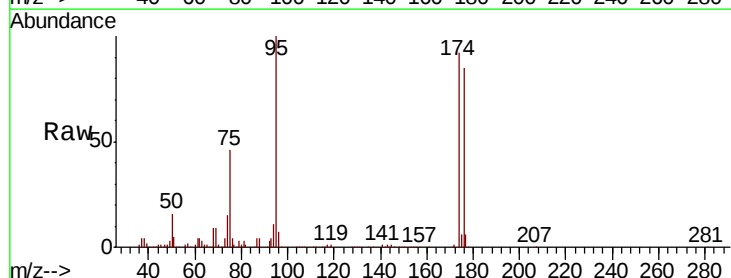
Tgt Ion: 95 Resp: 339764

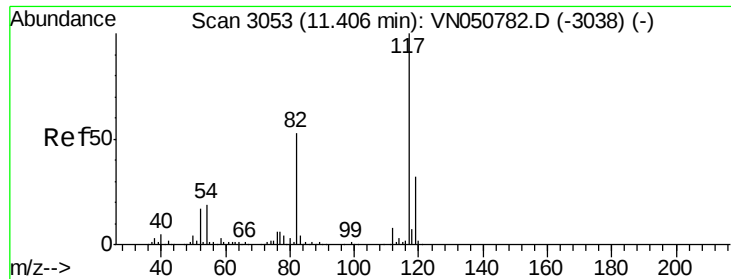
Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.0

176 87.5 0.0 178.8

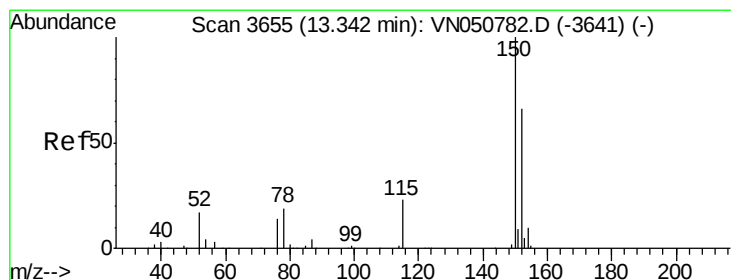
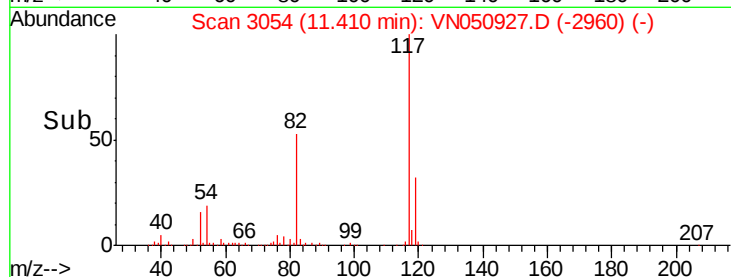
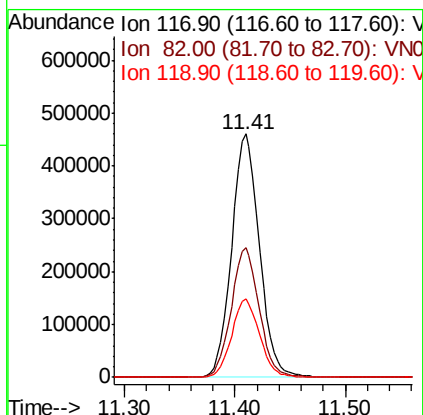
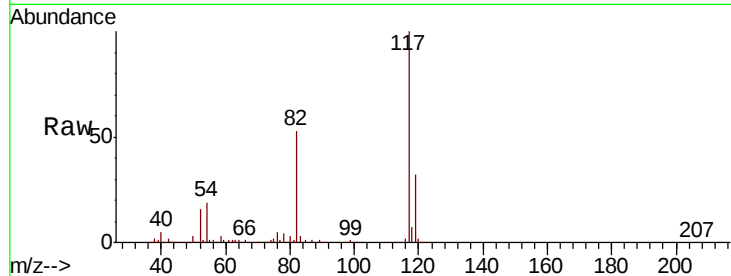




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050927.D
Acq: 28 Aug 2018 21:06

Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#05

Tot Ion:117 Resp: 803539
Ion Ratio Lower Upper
117 100
82 53.1 42.6 64.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050927.D
Acq: 28 Aug 2018 21:06

Tgt Ion:152 Resp: 254673
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 156.7 0.0 351.4

