

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082918\
 Data File : VN050948.D
 Acq On : 29 Aug 2018 14:04
 Operator : MD\SY
 Sample : PB112452ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112452ZHE#04

Quant Time: Aug 30 01:25:40 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

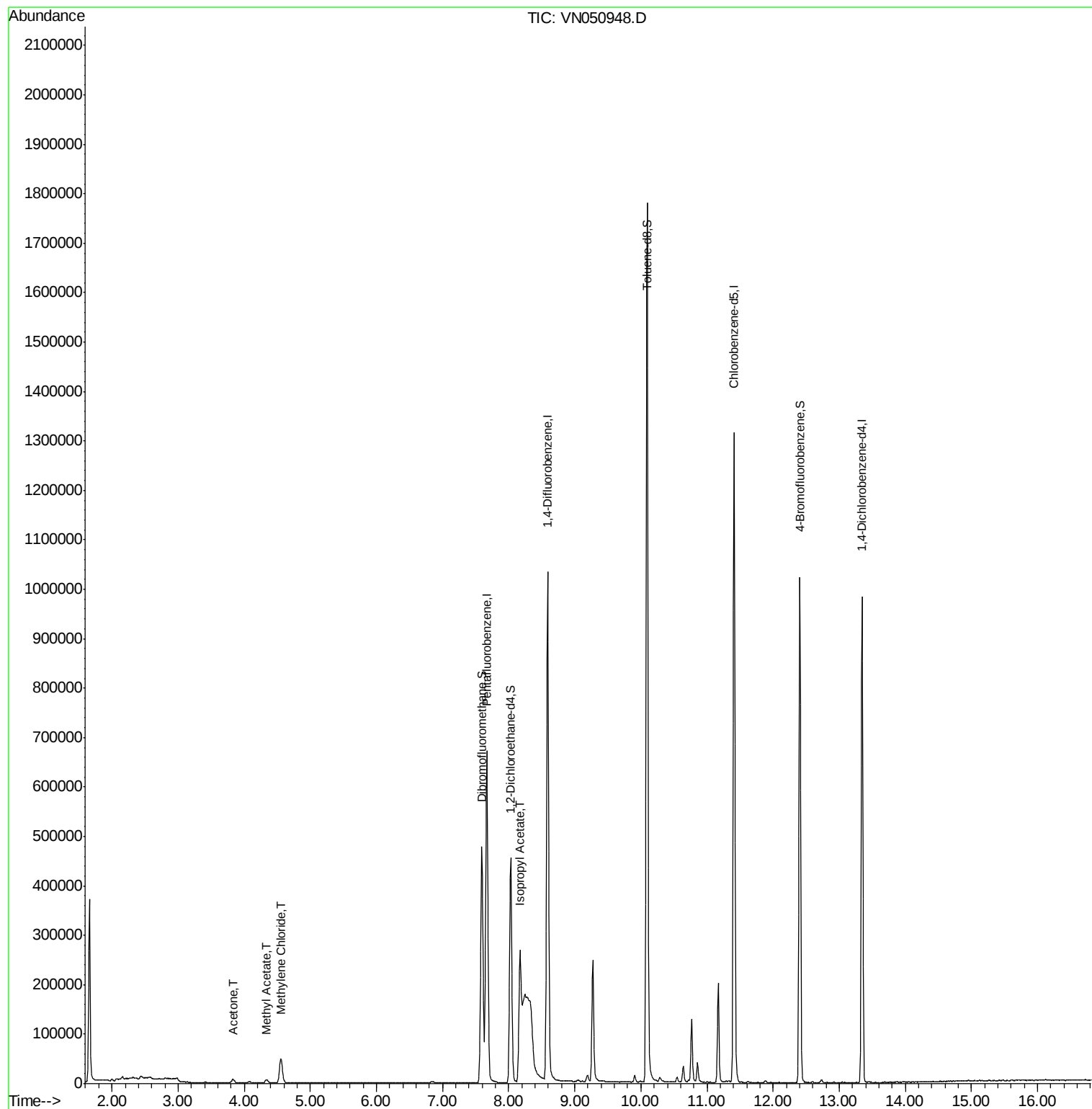
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	589091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	979178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	823326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	287242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384856	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.59	113	366254	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	10.09	98	1302705	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
62) 4-Bromofluorobenzene	12.40	95	360734	37.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.54%	
Target Compounds						
16) Acetone	3.83	43	13844	1.214	ug/l	99
18) Methyl Acetate	4.34	43	14604	2.181	ug/l	96
20) Methylene Chloride	4.55	84	39828	4.983	ug/l	99
43) Isopropyl Acetate	8.17	43	351686	30.816	ug/l #	91

(#) = 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# 1891

Delta R.T. 0.00 min

Lab File: VN050948.D

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Instrument :

MSVOA_N

ClientSampleId :

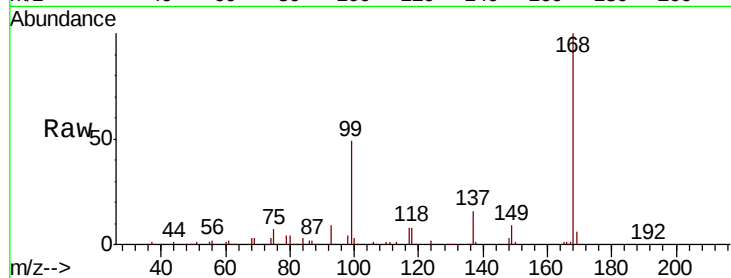
PB112452ZHE#04

Tot Ion:168 Resp: 589091

Ion Ratio Lower Upper

168 100

99 48.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

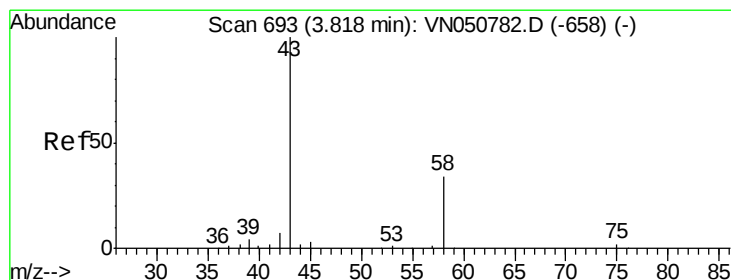
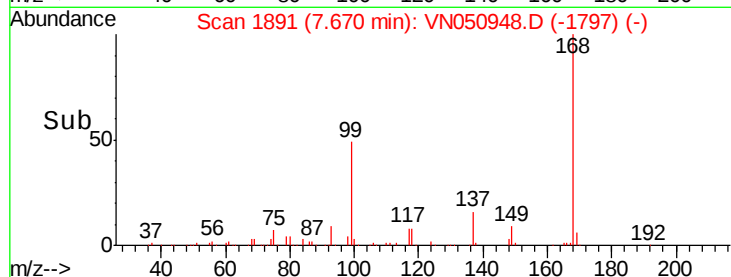
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.214 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050948.D

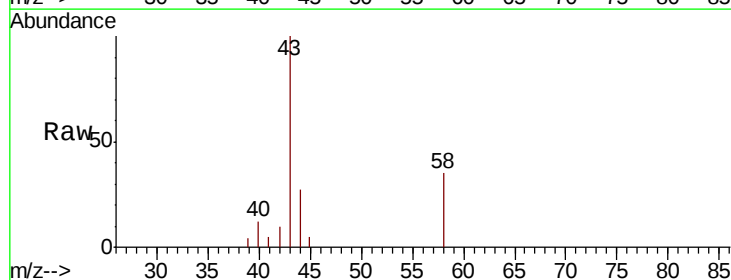
Acq: 29 Aug 2018 14:04

Tgt Ion: 43 Resp: 13844

Ion Ratio Lower Upper

43 100

58 34.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

5000

4000

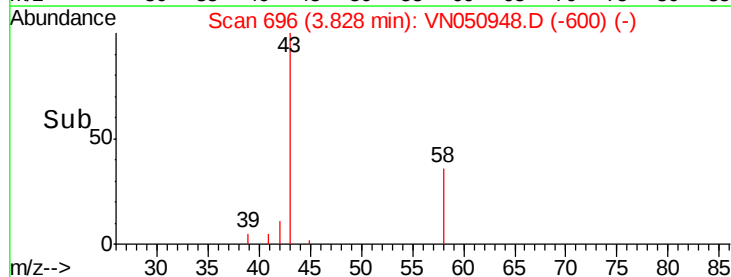
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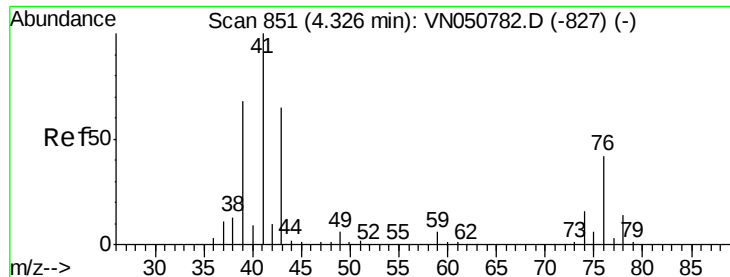
2000

1000

0

Time-->

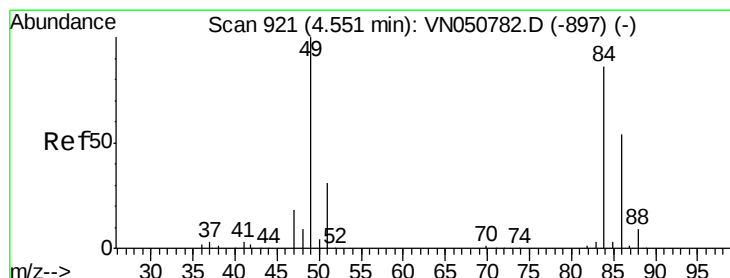
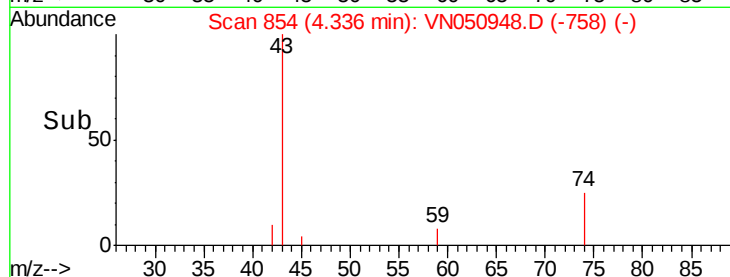
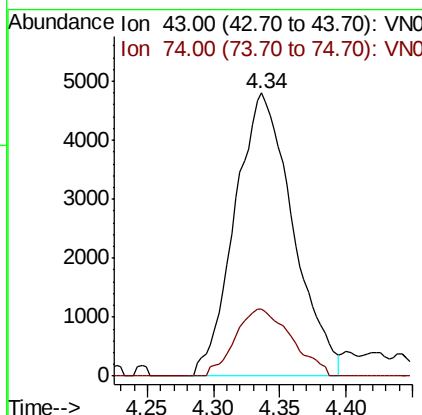
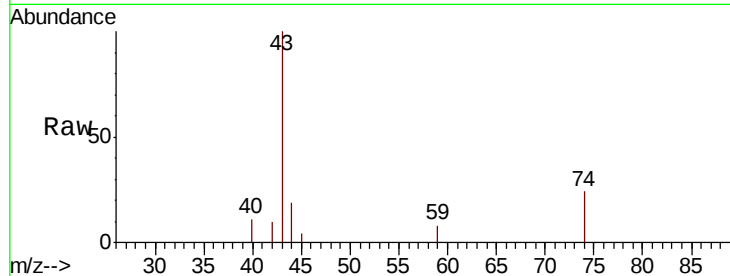




#18
Methyl Acetate
Concen: 2.181 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050948.D
Acq: 29 Aug 2018 14:04

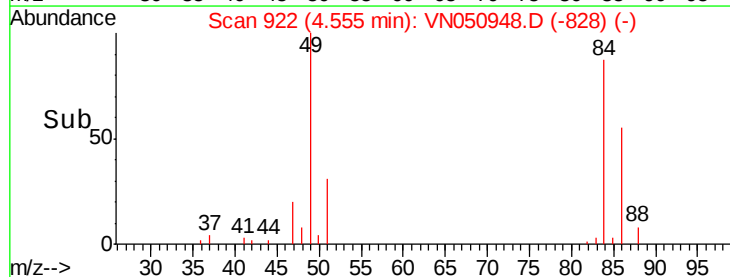
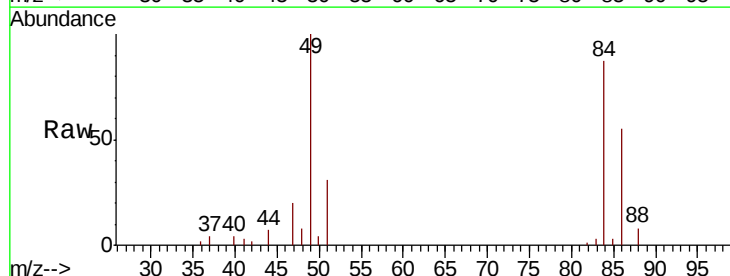
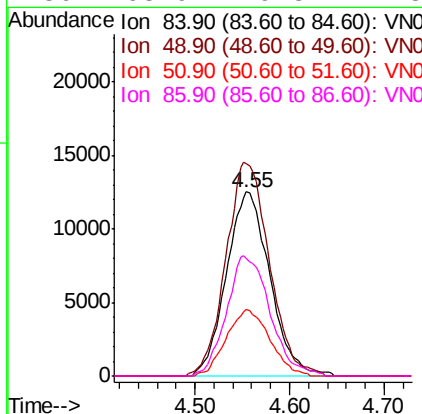
Instrument :
MSVOA_N
ClientSampleId :
PB112452ZHE#04

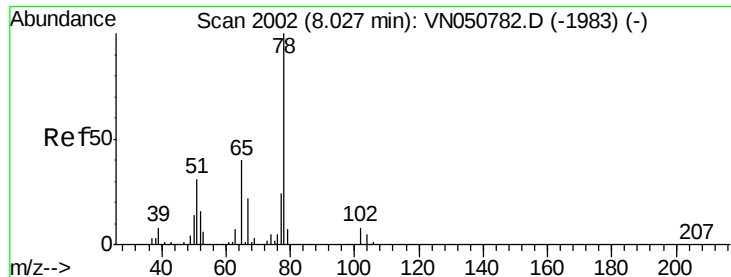
Tot Ion: 43 Resp: 14604
Ion Ratio Lower Upper
43 100
74 23.0 19.8 29.8



#20
Methylene Chloride
Concen: 4.983 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050948.D
Acq: 29 Aug 2018 14:04

Tgt Ion: 84 Resp: 39828
Ion Ratio Lower Upper
84 100
49 115.4 93.2 139.8
51 36.3 29.0 43.6
86 63.9 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 54.267 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050948.D

Acq: 29 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

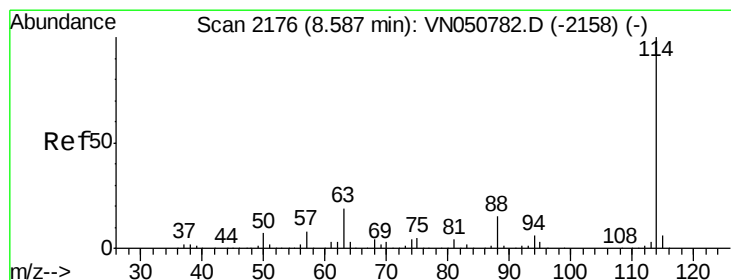
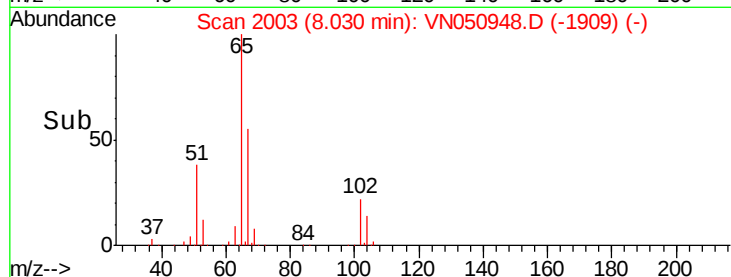
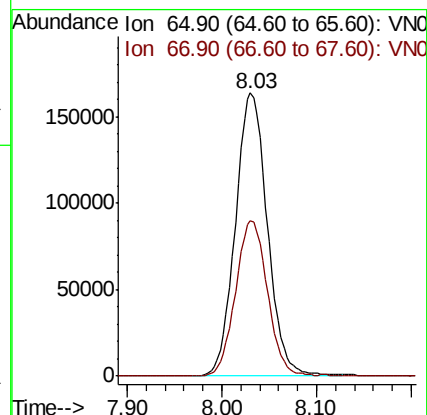
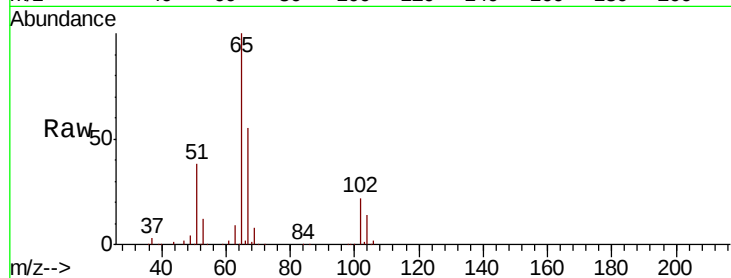
PB112452ZHE#04

Tot Ion: 65 Resp: 384856

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050948.D

Acq: 29 Aug 2018 14:04

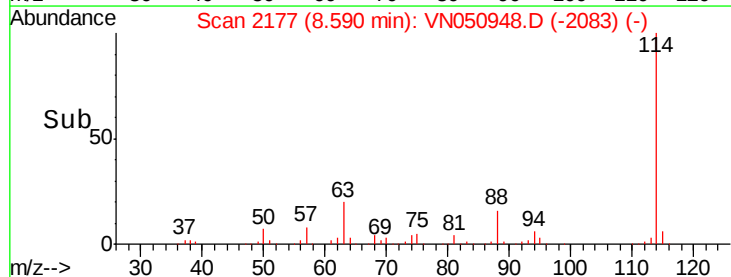
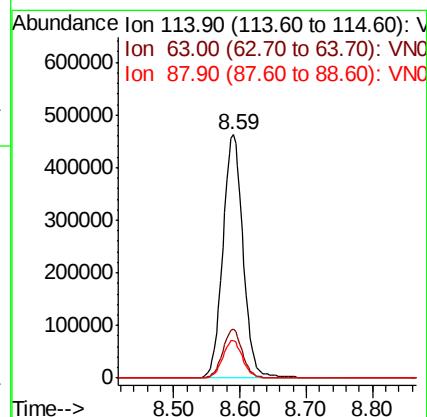
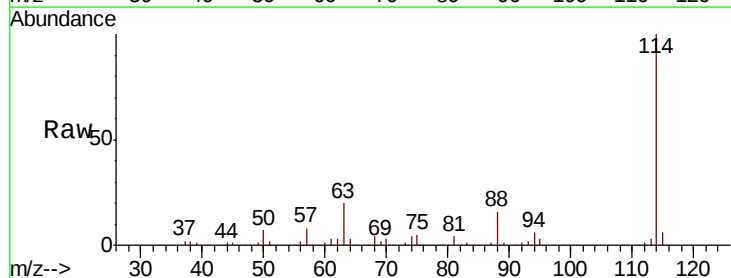
Tgt Ion: 114 Resp: 979178

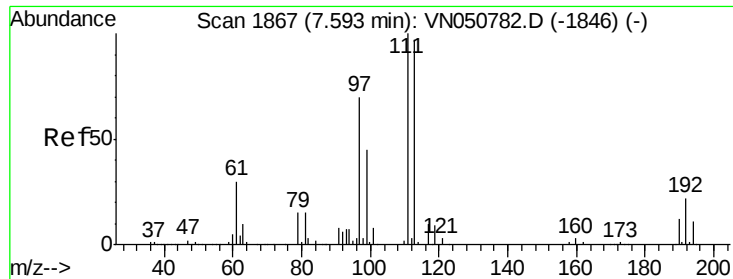
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

88 15.5 0.0 30.6

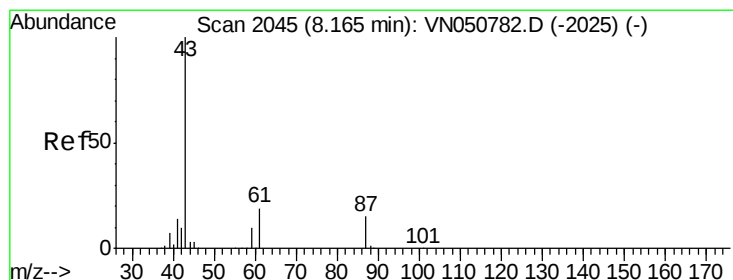
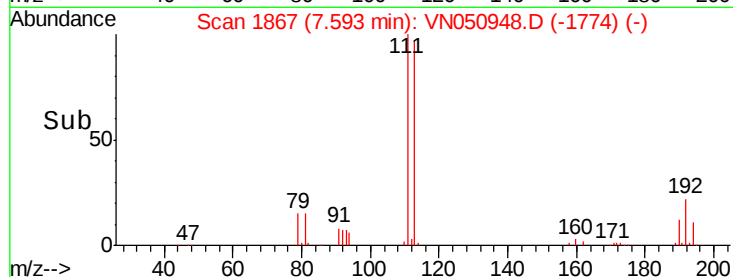
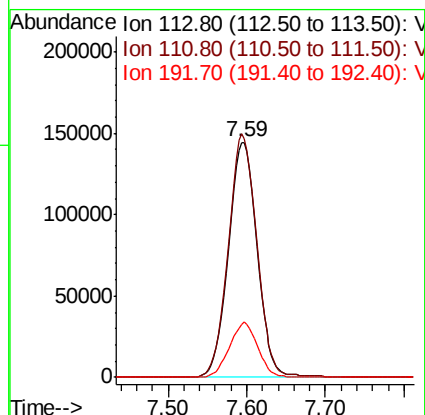
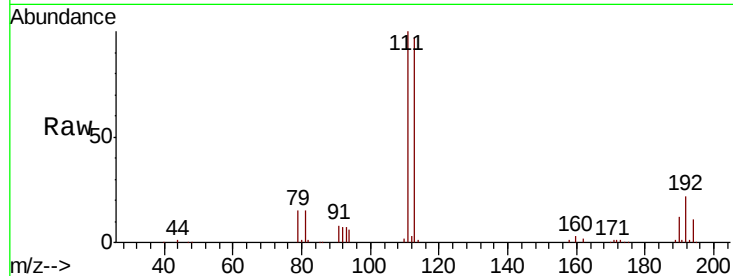




#35
 Dibromofluoromethane
 Concen: 47.016 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050948.D
 Acq: 29 Aug 2018 14:04

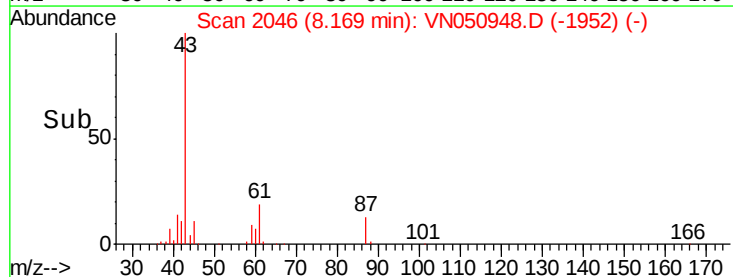
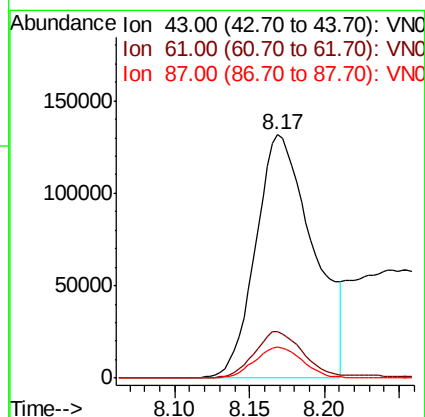
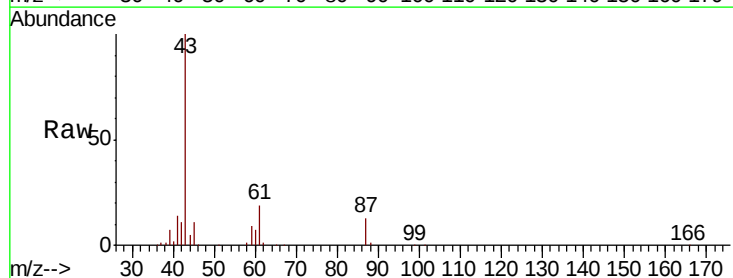
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112452ZHE#04

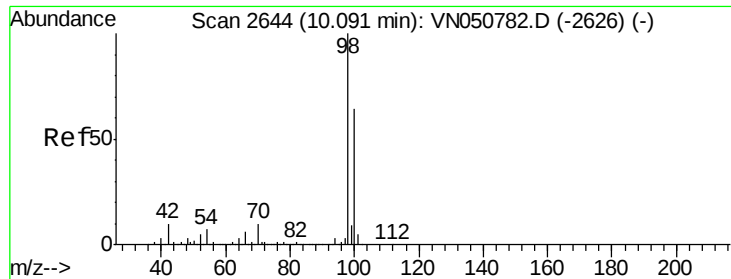
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	23.0	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 30.816 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050948.D
 Acq: 29 Aug 2018 14:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	17.5	26.3#
87	10.8	11.3	16.9#





#50

Toluene-d8

Concen: 44.729 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050948.D

Acq: 29 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

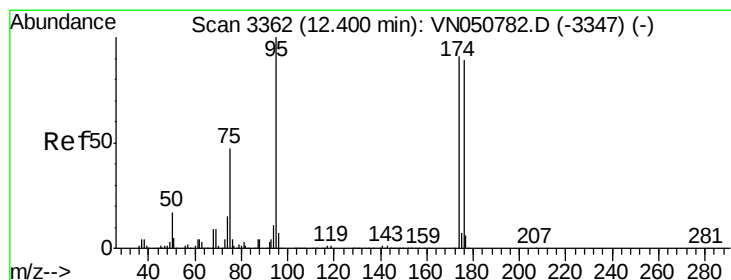
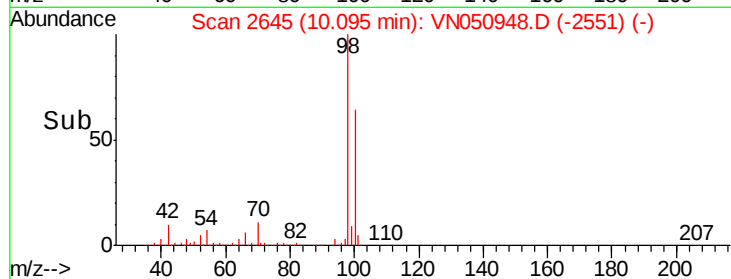
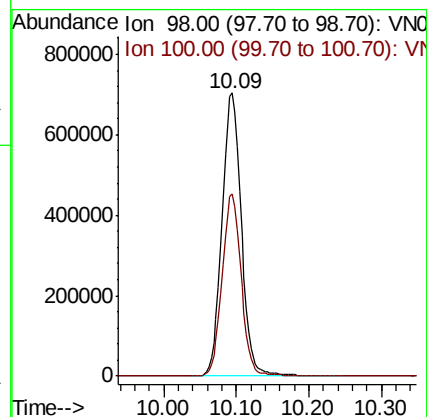
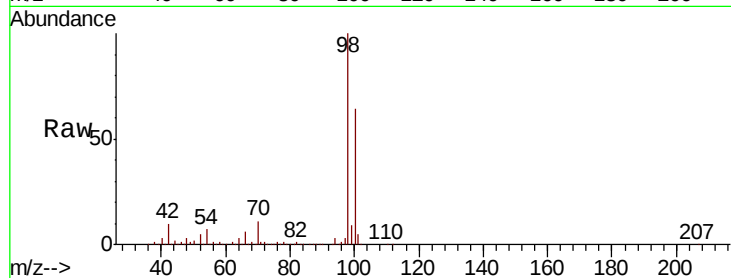
PB112452ZHE#04

Tot Ion: 98 Resp: 1302705

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 37.273 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050948.D

Acq: 29 Aug 2018 14:04

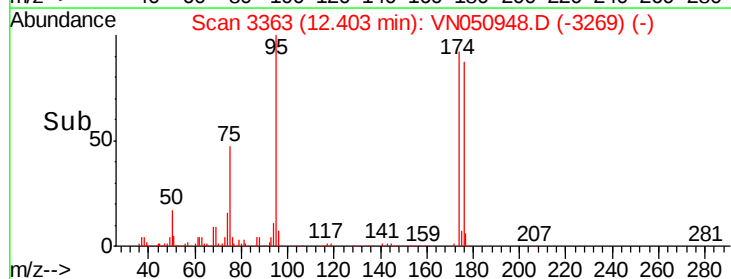
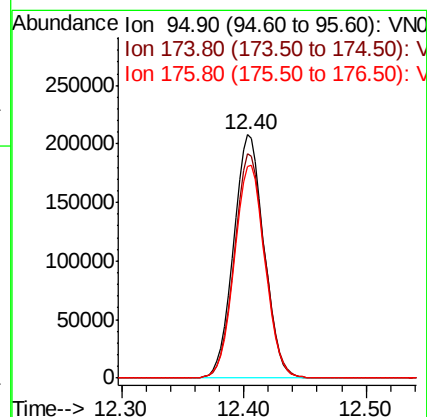
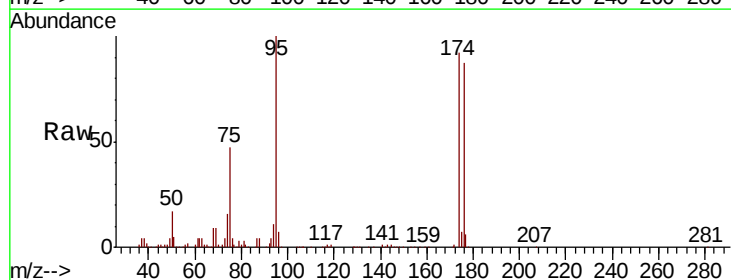
Tgt Ion: 95 Resp: 360734

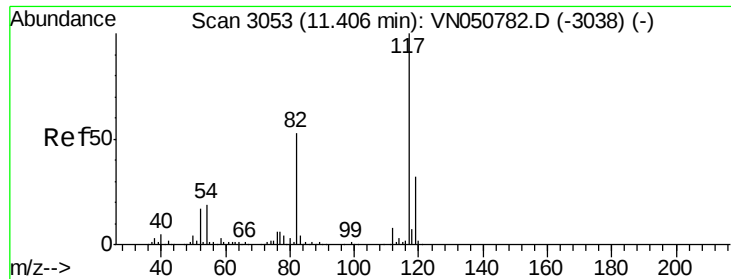
Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.0

176 88.2 0.0 178.8

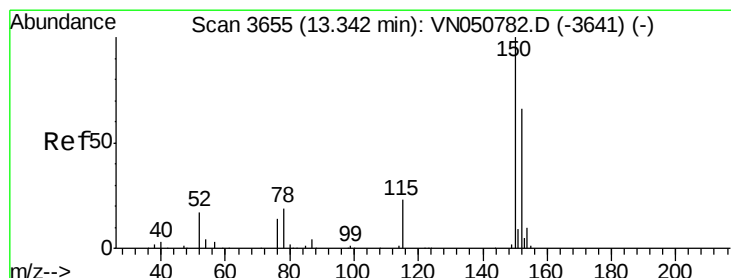
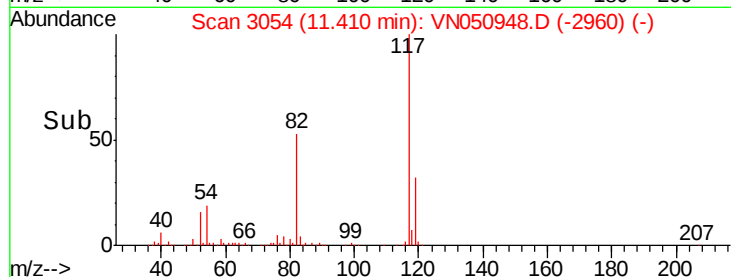
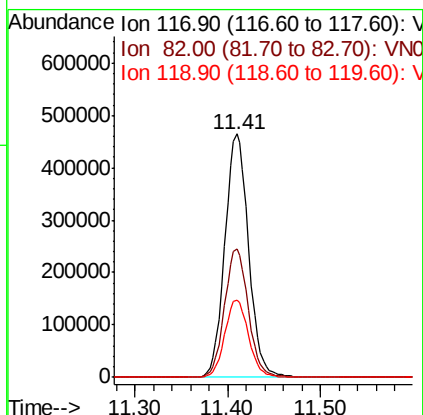
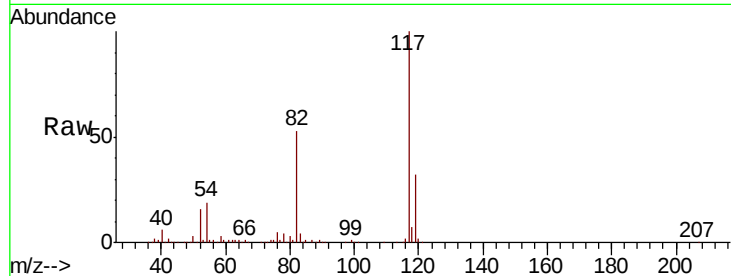




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050948.D
Acq: 29 Aug 2018 14:04

Instrument :
MSVOA_N
ClientSampleId :
PB112452ZHE#04

Tot Ion:117 Resp: 823326
Ion Ratio Lower Upper
117 100
82 52.8 42.6 64.0
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050948.D
Acq: 29 Aug 2018 14:04

Tgt Ion:152 Resp: 287242
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 158.0 0.0 351.4

