

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050926.D
 Acq On : 28 Aug 2018 20:42
 Operator : MD\SY
 Sample : PB112421ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#04

Quant Time: Aug 29 05:59:11 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	610345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1003854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	830876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278751	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	401530	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	7.59	113	381776	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	10.09	98	1341027	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
62) 4-Bromofluorobenzene	12.40	95	355226	35.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.60%	

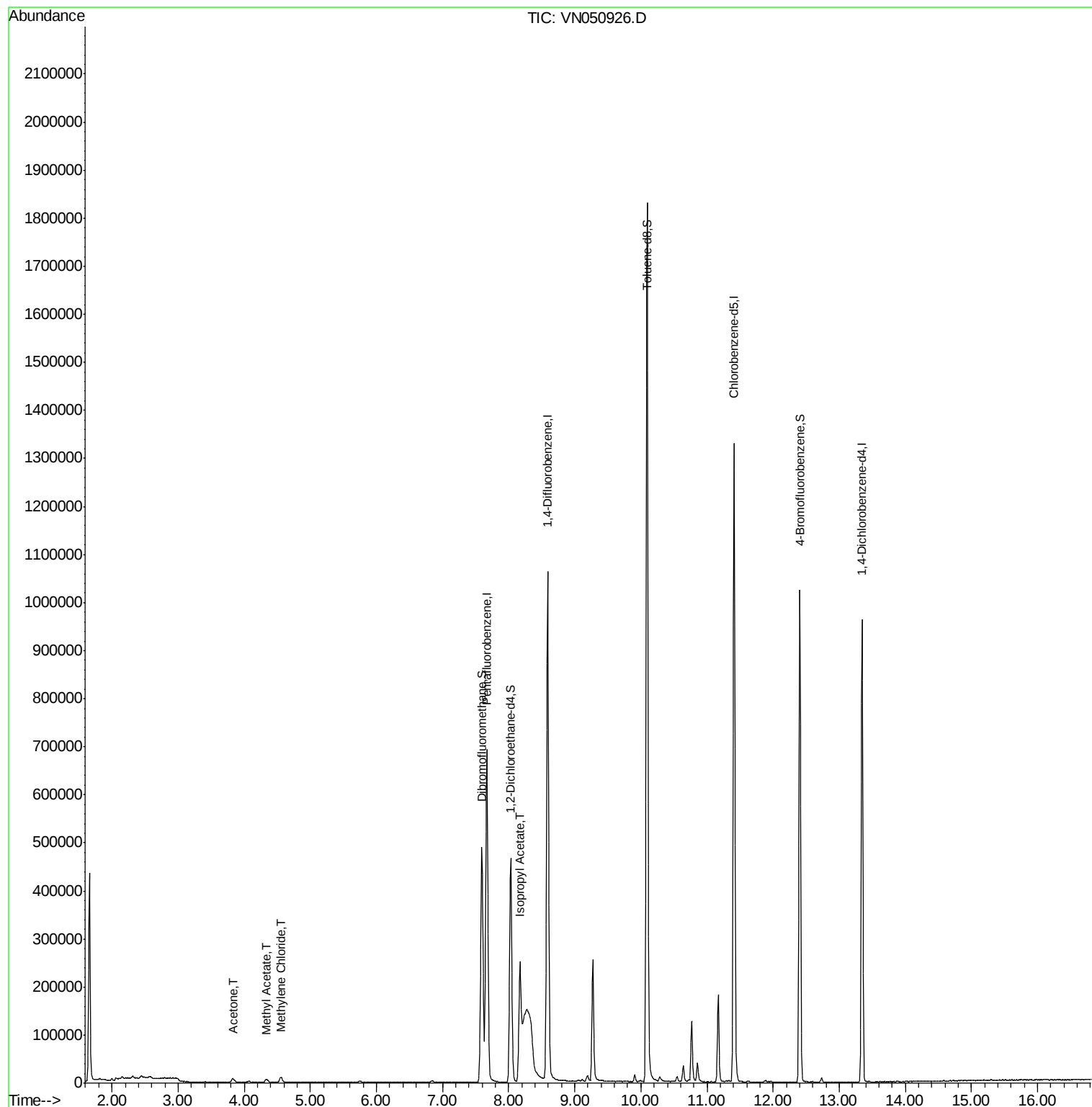
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	15372	1.82	ug/l	97
18) Methyl Acetate	4.33	43	13532	1.95	ug/l #	71
20) Methylene Chloride	4.55	84	8375	1.01	ug/l	92
43) Isopropyl Acetate	8.17	43	320830	27.42	ug/l	92

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

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Quant Title : SW846 8260
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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: VN050926.D

Acq: 28 Aug 2018 20:42

Instrument :

MSVOA_N

ClientSampleId :

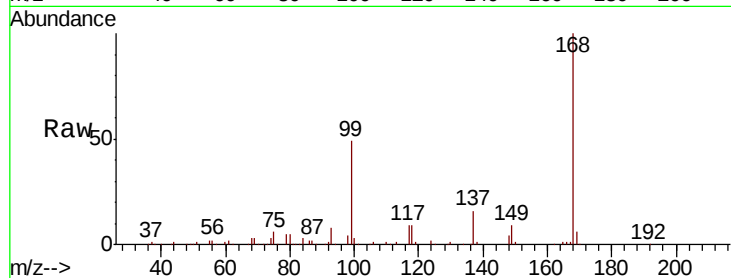
PB112421ZHE#04

Tot Ion:168 Resp: 610345

Ion Ratio Lower Upper

168 100

99 49.2 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

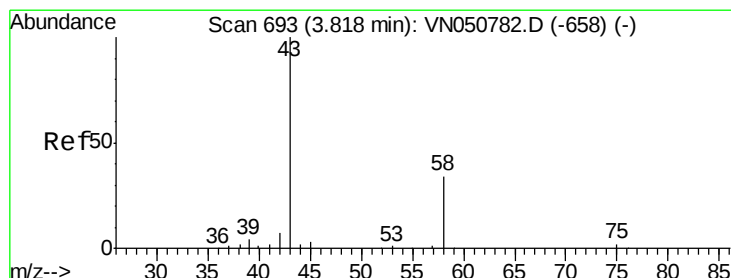
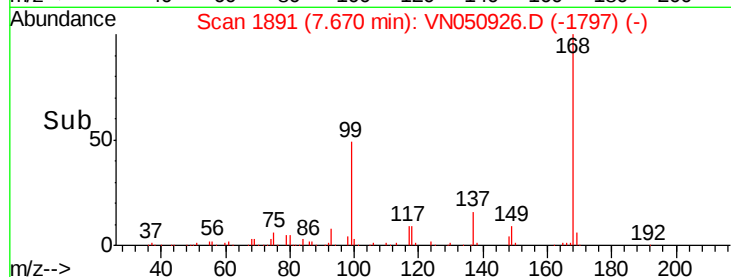
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.82 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050926.D

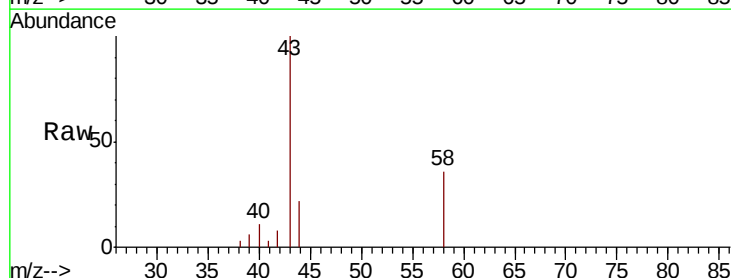
Acq: 28 Aug 2018 20:42

Tgt Ion: 43 Resp: 15372

Ion Ratio Lower Upper

43 100

58 35.7 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

6000

5000

4000

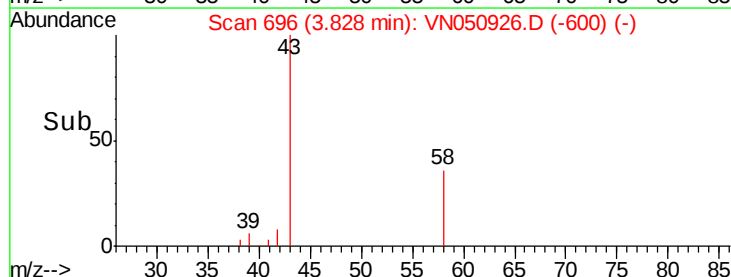
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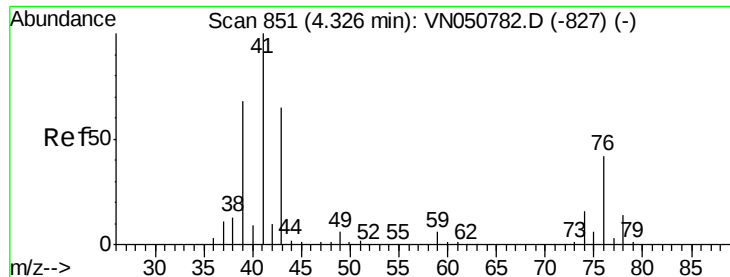
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1000

0

Time-->

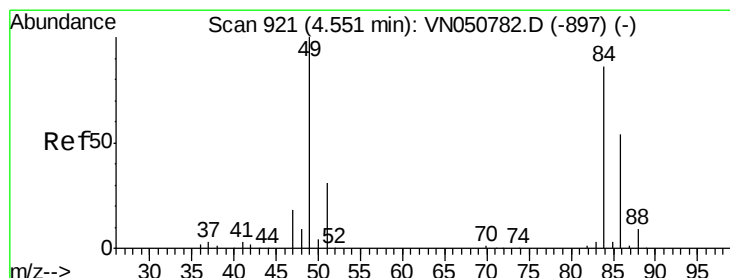
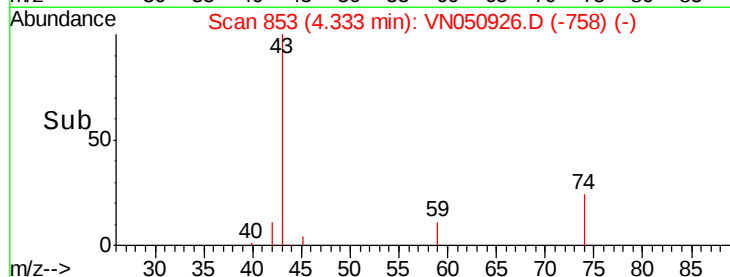
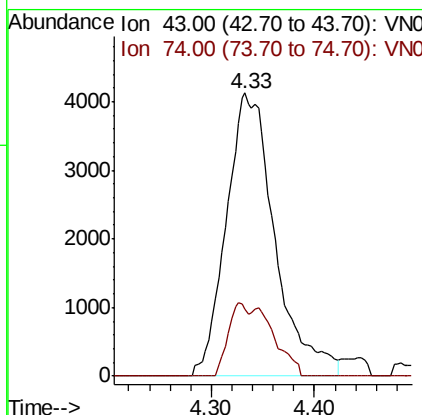
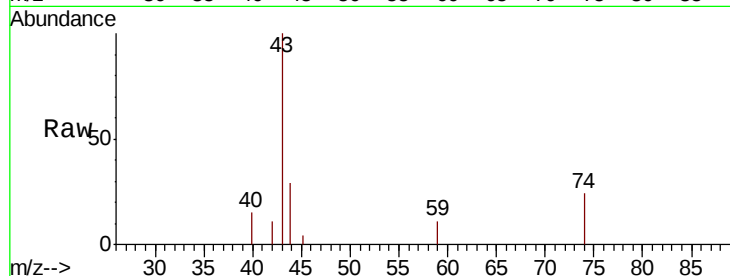




#18
Methyl Acetate
Concen: 1.95 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050926.D
Acq: 28 Aug 2018 20:42

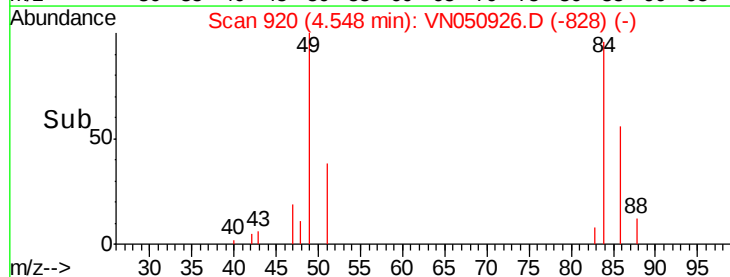
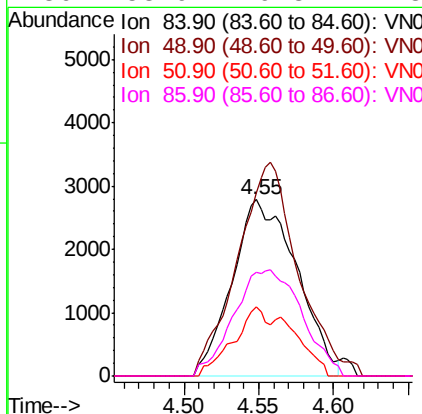
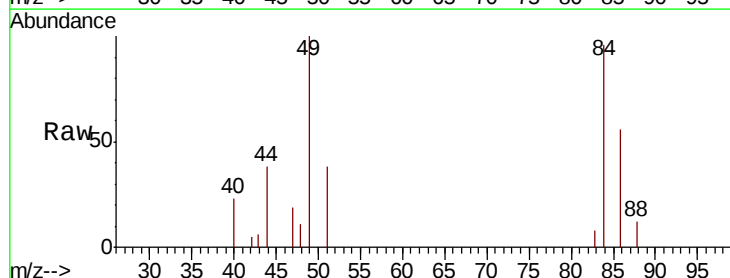
Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#04

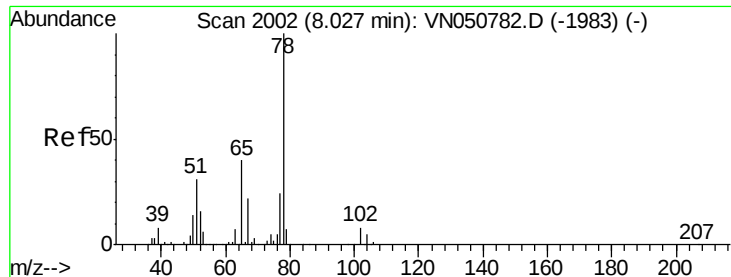
Tot Ion: 43 Resp: 13532
Ion Ratio Lower Upper
43 100
74 10.5 19.8 29.8#



#20
Methylene Chloride
Concen: 1.01 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050926.D
Acq: 28 Aug 2018 20:42

Tgt Ion: 84 Resp: 8375
Ion Ratio Lower Upper
84 100
49 104.2 93.2 139.8
51 39.2 29.0 43.6
86 58.9 49.8 74.8

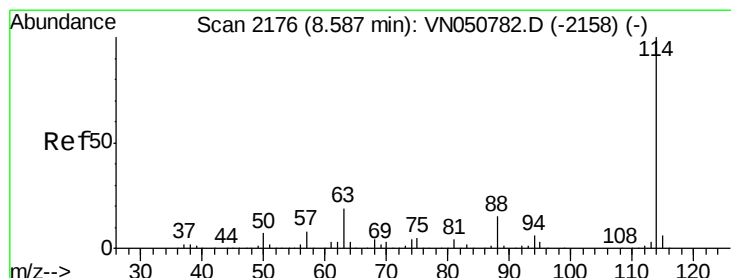
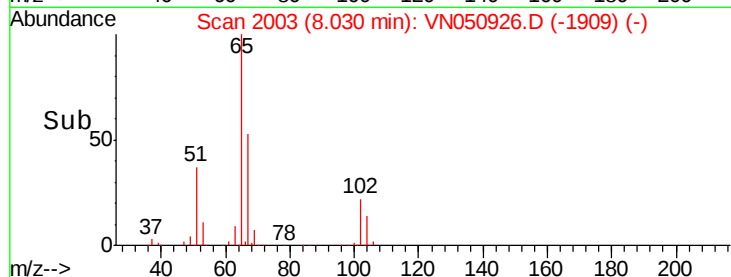
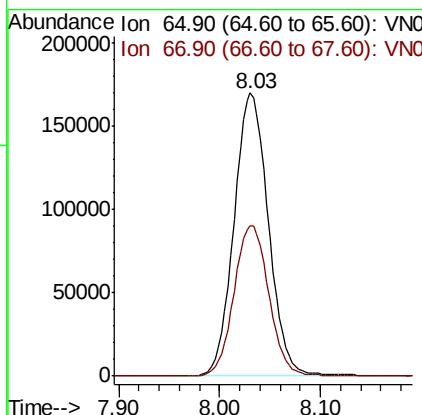
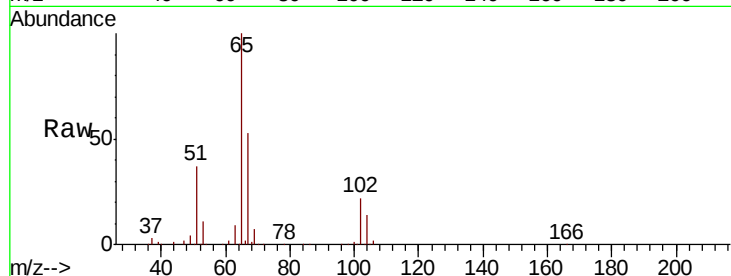




#33
 1,2-Dichloroethane-d4
 Concen: 54.65 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050926.D
 Acq: 28 Aug 2018 20:42

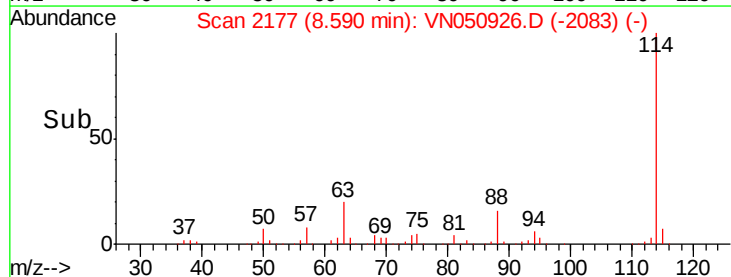
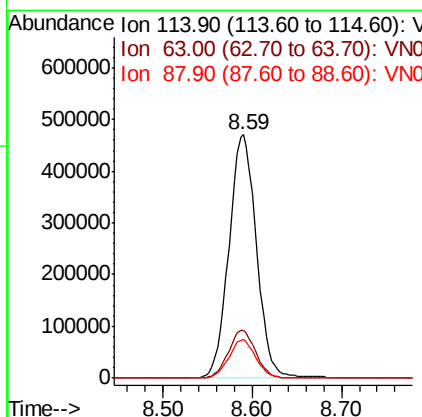
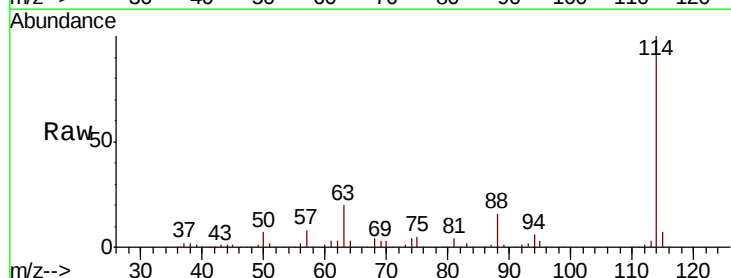
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#04

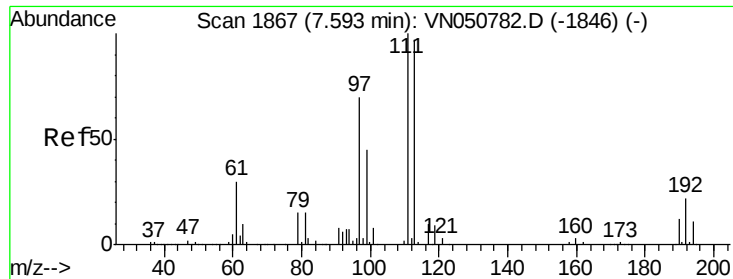
Tot Ion: 65 Resp: 401530
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050926.D
 Acq: 28 Aug 2018 20:42

Tgt Ion: 114 Resp: 1003854
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.8 0.0 30.6

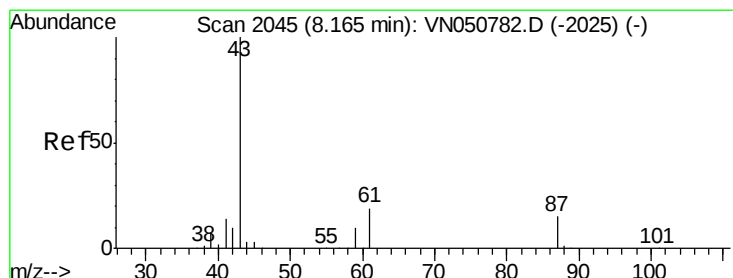
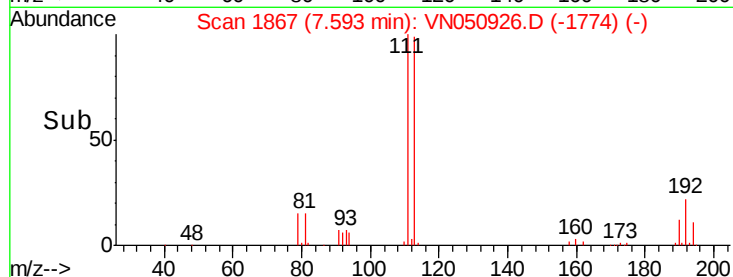
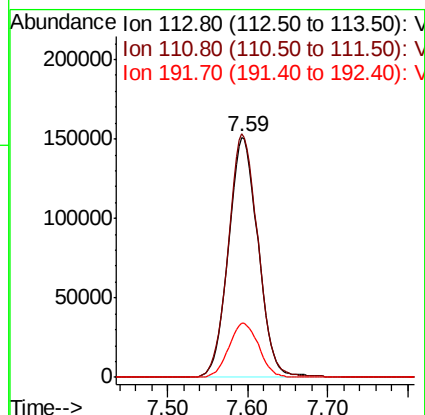
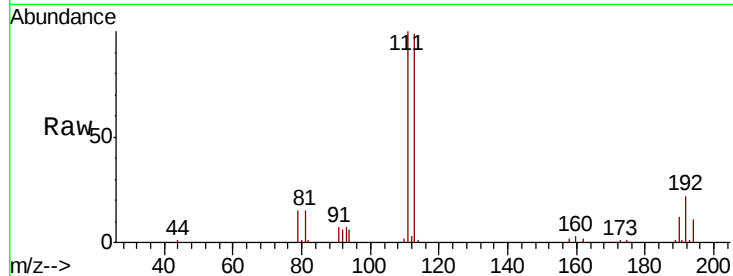




#35
 Dibromofluoromethane
 Concen: 47.80 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050926.D
 Acq: 28 Aug 2018 20:42

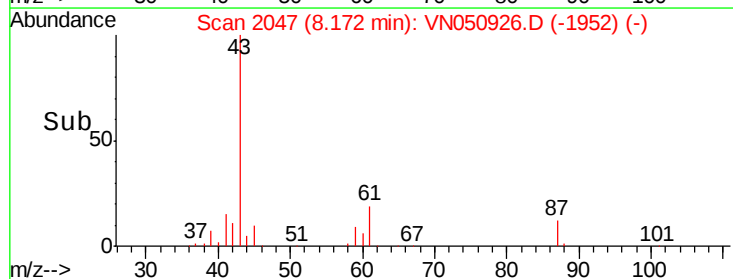
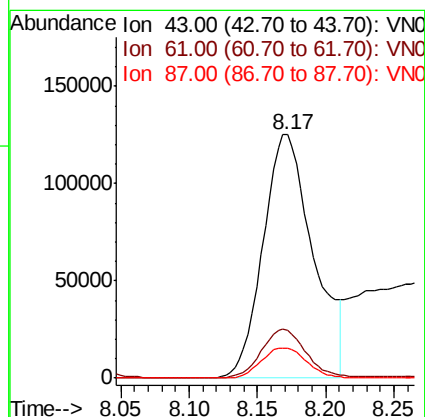
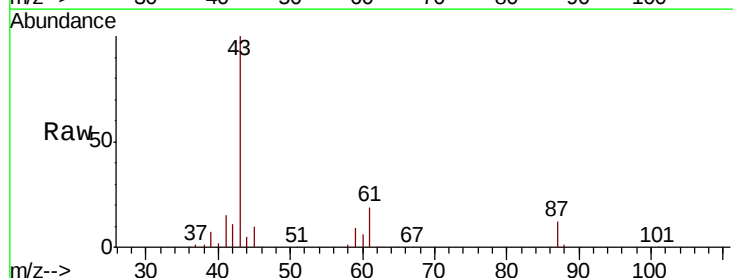
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#04

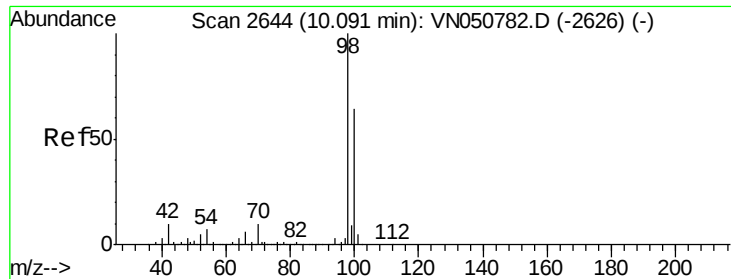
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	22.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 27.42 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050926.D
 Acq: 28 Aug 2018 20:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	17.5	26.3
87	11.3	11.3	16.9





#50

Toluene-d8

Concen: 44.91 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050926.D

Acq: 28 Aug 2018 20:42

Instrument :

MSVOA_N

ClientSampleId :

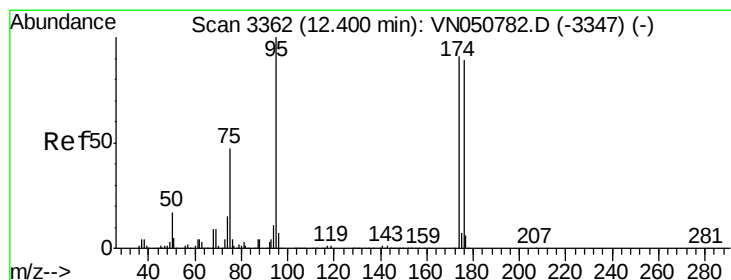
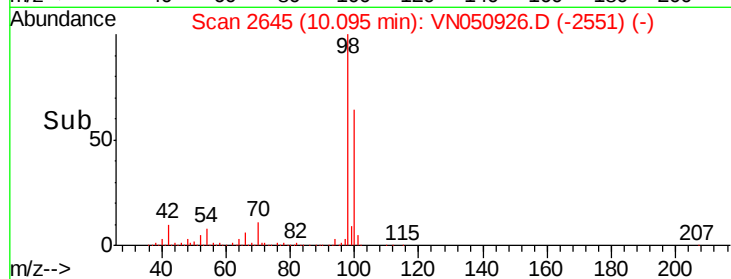
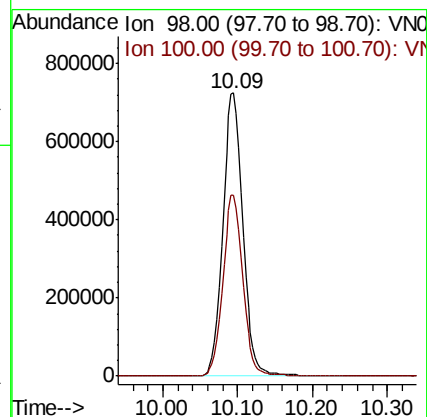
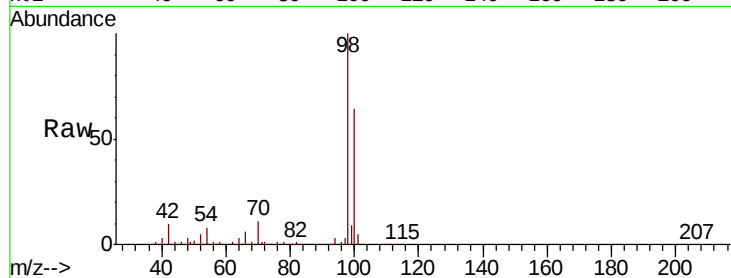
PB112421ZHE#04

Tot Ion: 98 Resp: 1341027

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 35.80 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050926.D

Acq: 28 Aug 2018 20:42

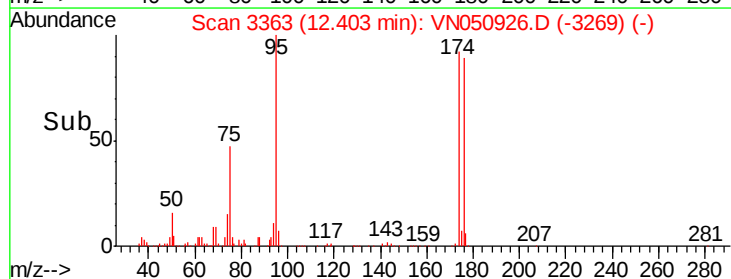
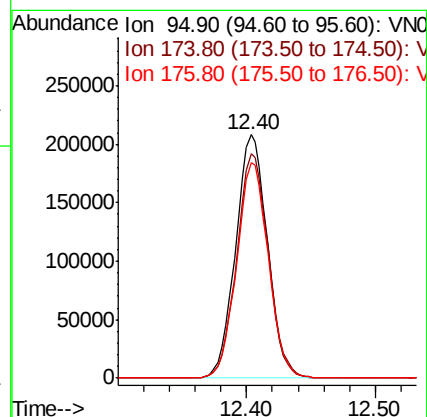
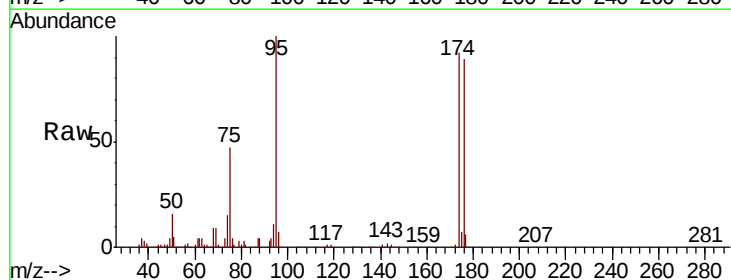
Tgt Ion: 95 Resp: 355226

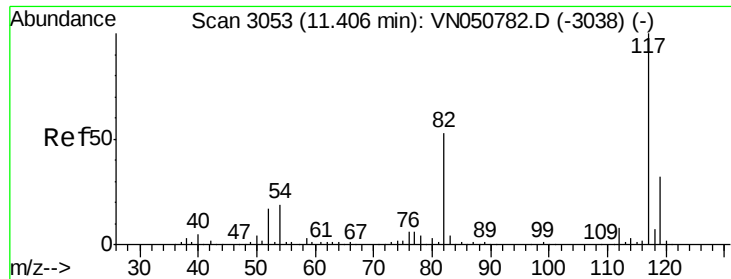
Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.0

176 88.3 0.0 178.8

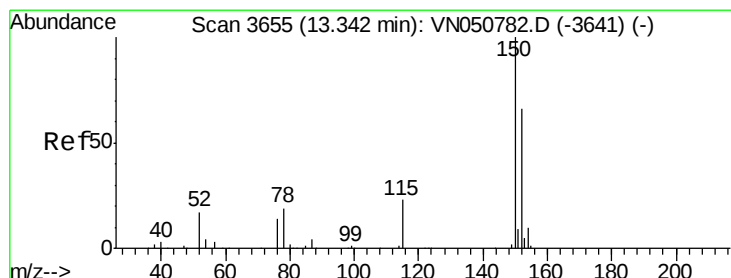
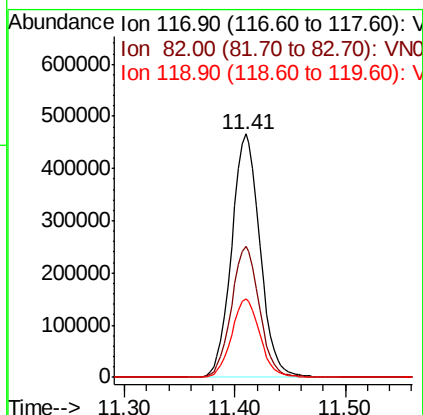
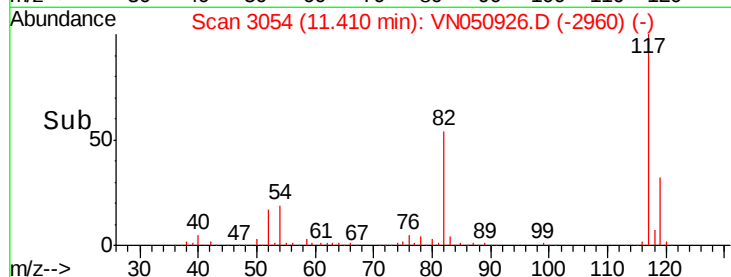
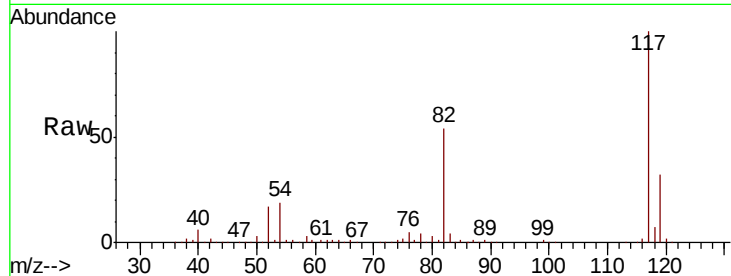




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050926.D
Acq: 28 Aug 2018 20:42

Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#04

Tot Ion:117 Resp: 830876
Ion Ratio Lower Upper
117 100
82 53.7 42.6 64.0
119 32.3 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: VN050926.D
Acq: 28 Aug 2018 20:42

Tgt Ion:152 Resp: 278751
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.4 0.0 351.4

