

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050878.D
 Acq On : 24 Aug 2018 15:42
 Operator : MD\SY
 Sample : PB112339ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112339ZHE#04

Quant Time: Aug 24 23:39:49 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

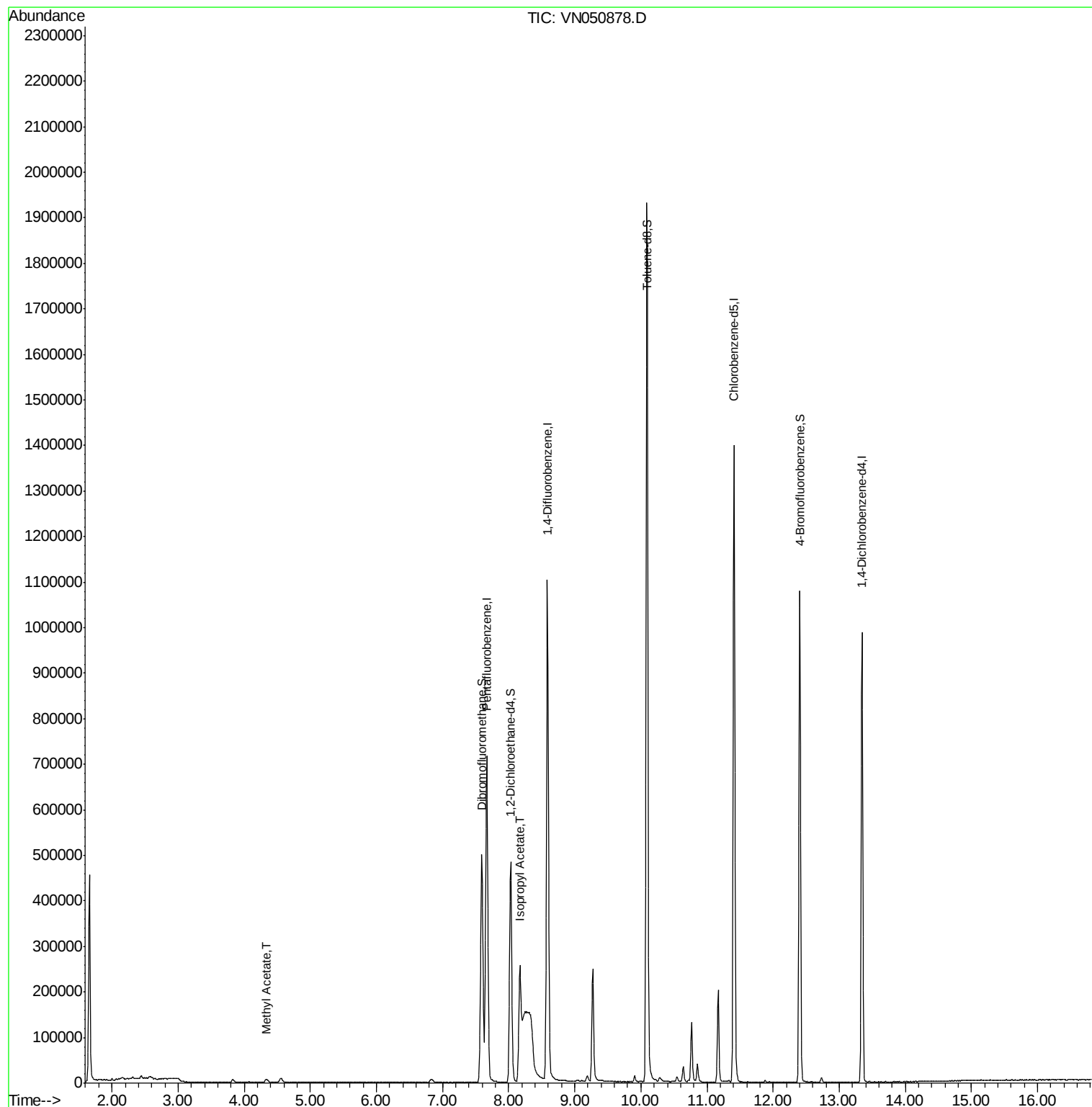
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1033929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	878906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	414289	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	7.59	113	389300	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	10.09	98	1411578	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.40	95	373969	36.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.18%	
Target Compounds						
18) Methyl Acetate	4.33	43	14778	2.078	ug/l	94
43) Isopropyl Acetate	8.17	43	325780	27.035	ug/l #	92

(#) = 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# 1890

Delta R.T. -0.00 min

Lab File: VN050878.D

Acq: 24 Aug 2018 15:42

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MSVOA_N

ClientSampleId :

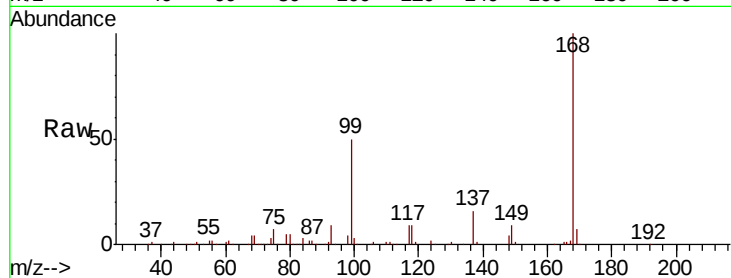
PB112339ZHE#04

Tgt Ion:168 Resp: 625711

Ion Ratio Lower Upper

168 100

99 50.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

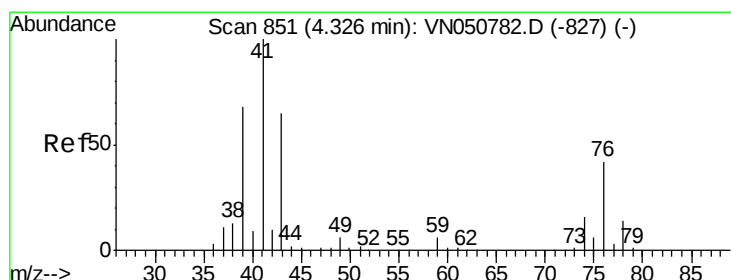
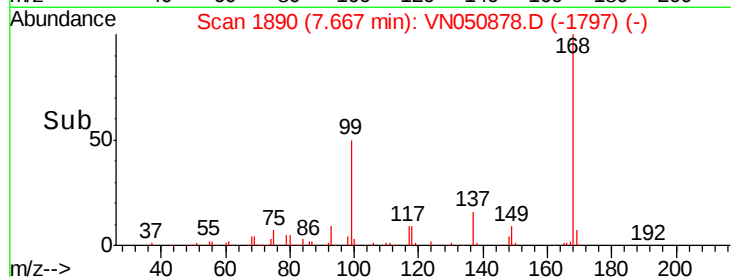
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.078 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050878.D

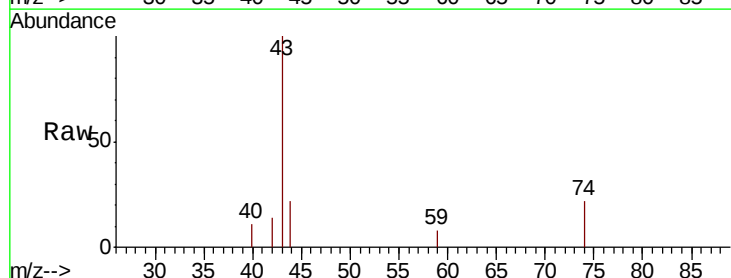
Acq: 24 Aug 2018 15:42

Tgt Ion: 43 Resp: 14778

Ion Ratio Lower Upper

43 100

74 21.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.33

5000

4000

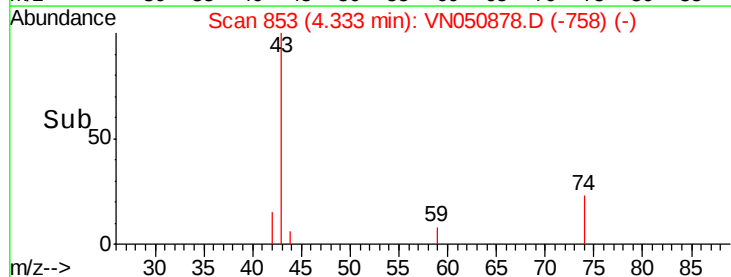
3000

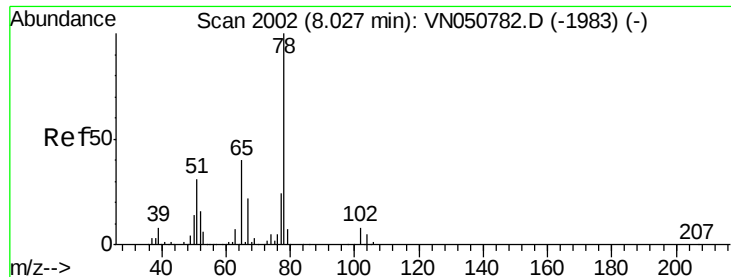
2000

1000

0

Time-->

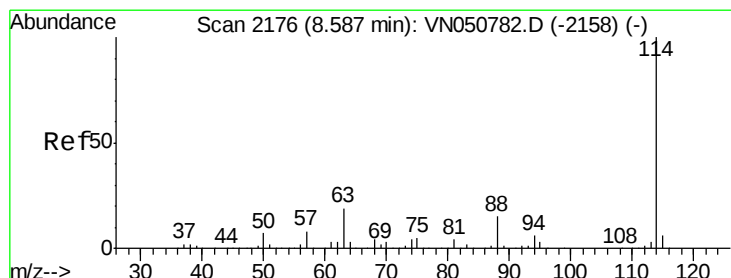
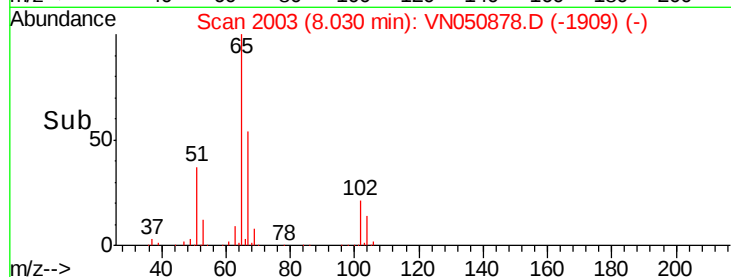
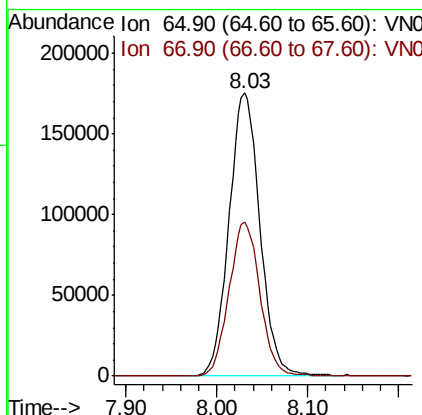
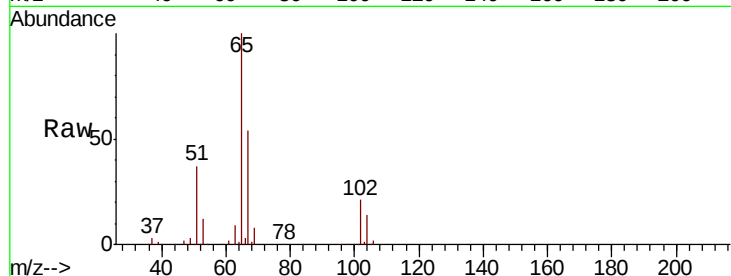




#33
 1,2-Dichloroethane-d4
 Concen: 54.999 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050878.D
 Acq: 24 Aug 2018 15:42

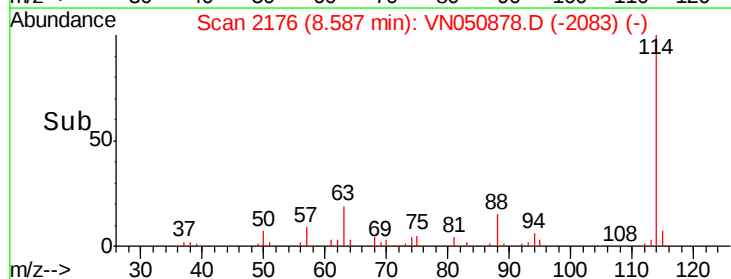
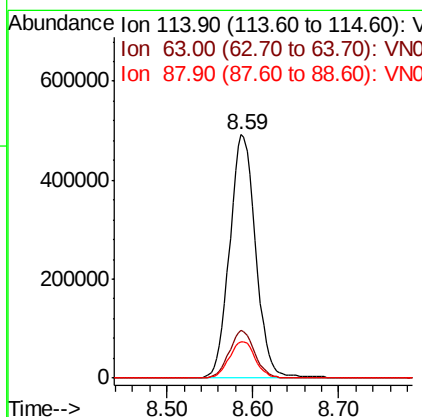
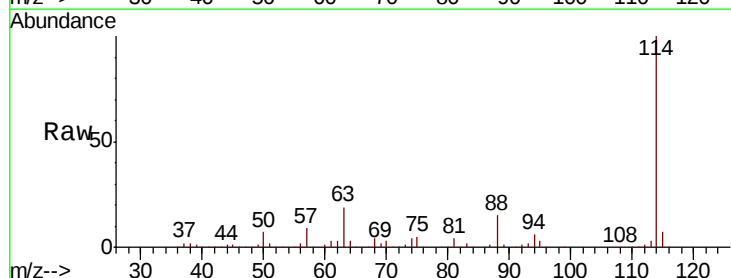
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112339ZHE#04

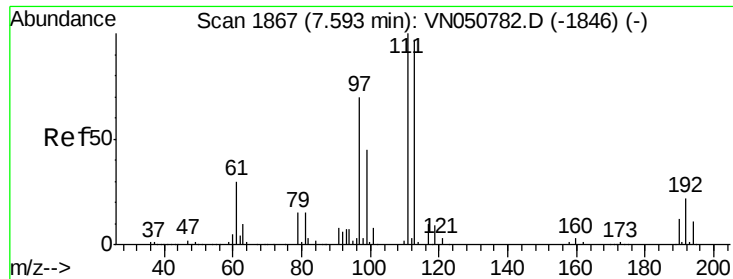
Tgt Ion: 65 Resp: 414289
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050878.D
 Acq: 24 Aug 2018 15:42

Tgt Ion: 114 Resp: 1033929
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.1 0.0 30.6

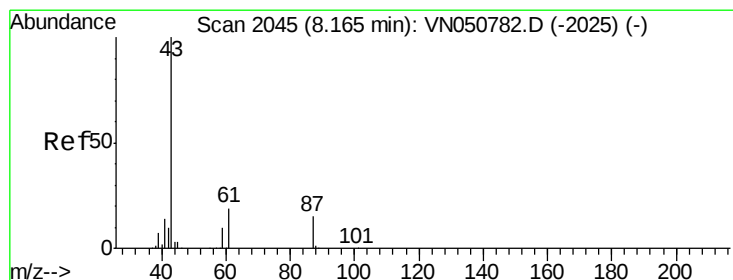
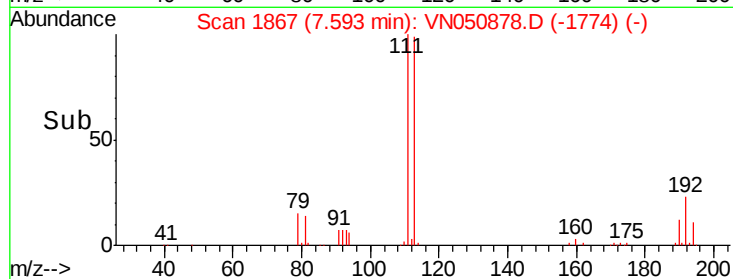
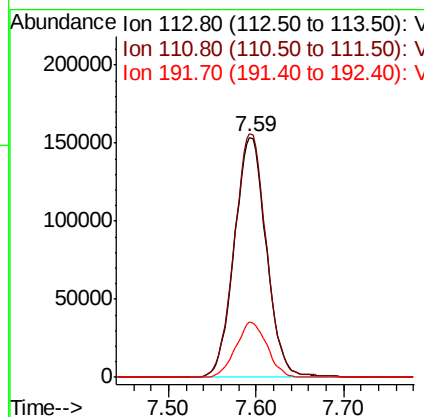
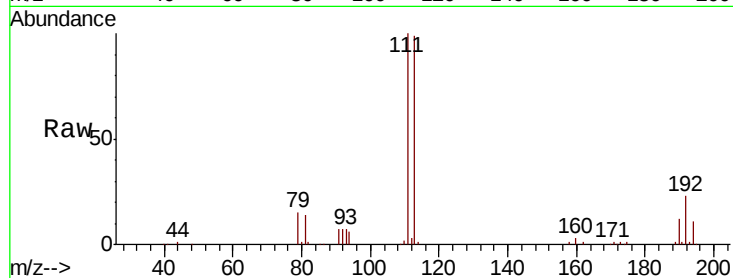




#35
 Dibromofluoromethane
 Concen: 47.328 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050878.D
 Acq: 24 Aug 2018 15:42

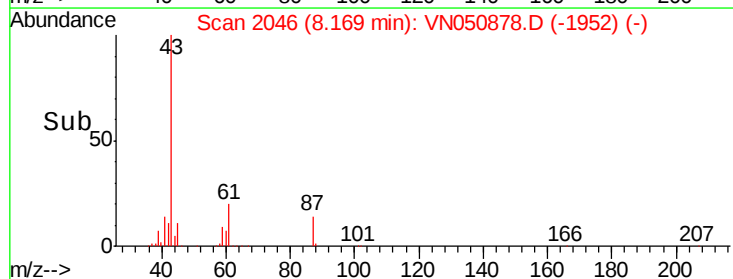
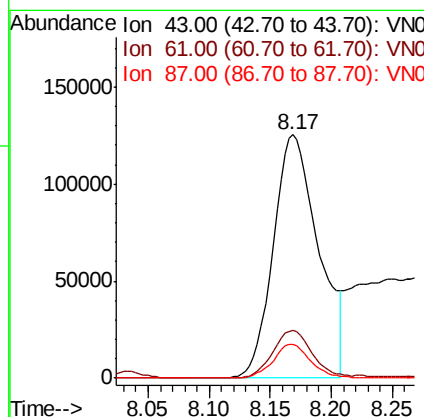
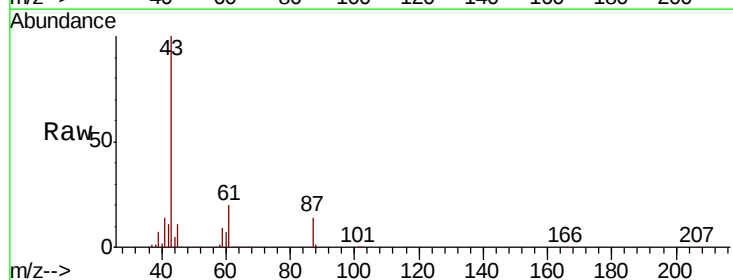
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112339ZHE#04

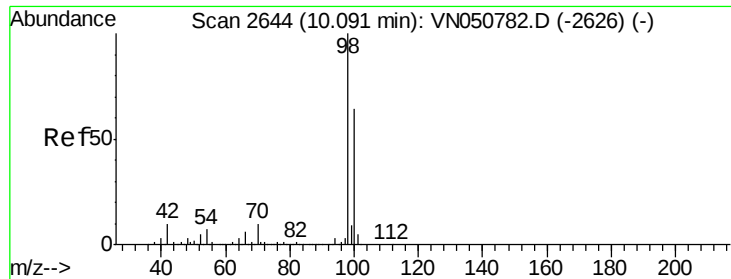
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 27.035 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050878.D
 Acq: 24 Aug 2018 15:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.1	17.5	26.3#
87	11.6	11.3	16.9





#50

Toluene-d8

Concen: 45.901 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050878.D

Acq: 24 Aug 2018 15:42

Instrument :

MSVOA_N

ClientSampleId :

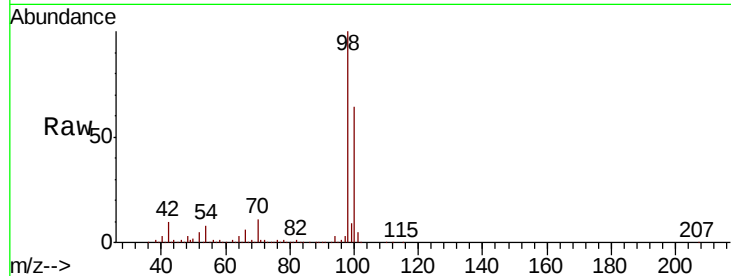
PB112339ZHE#04

Tgt Ion: 98 Resp: 1411578

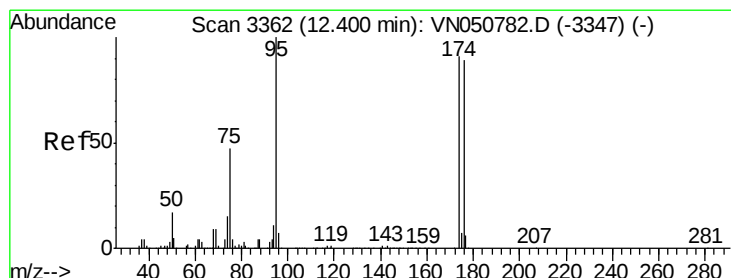
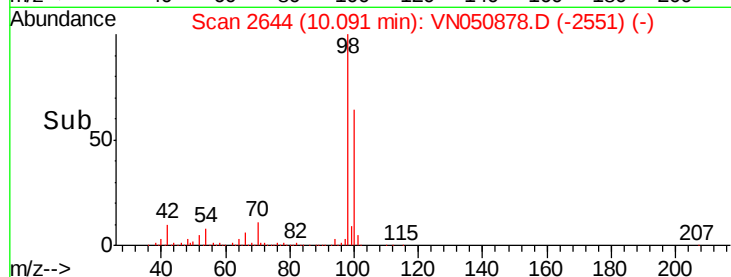
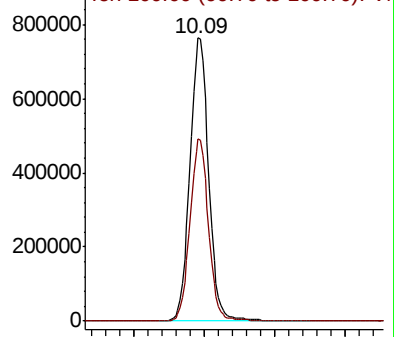
Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)



#62

4-Bromofluorobenzene

Concen: 36.595 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050878.D

Acq: 24 Aug 2018 15:42

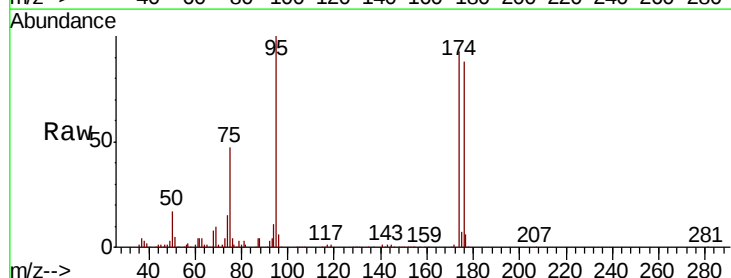
Tgt Ion: 95 Resp: 373969

Ion Ratio Lower Upper

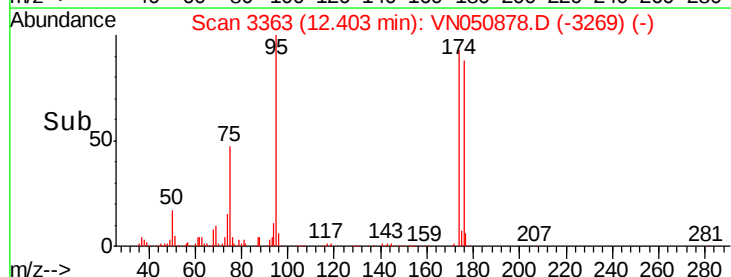
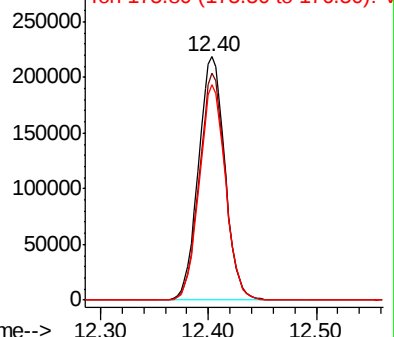
95 100

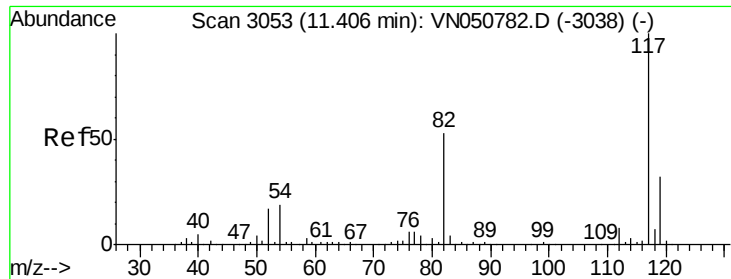
174 91.5 0.0 183.0

176 87.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

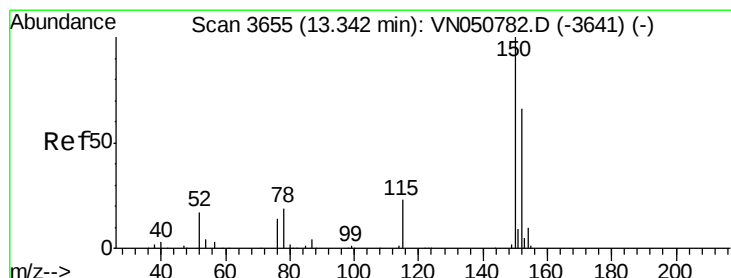
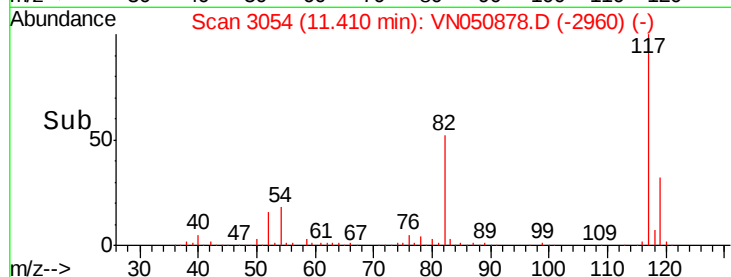
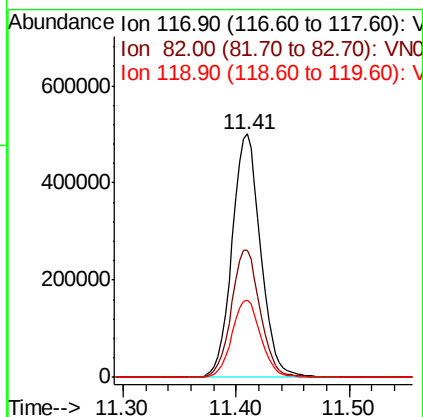
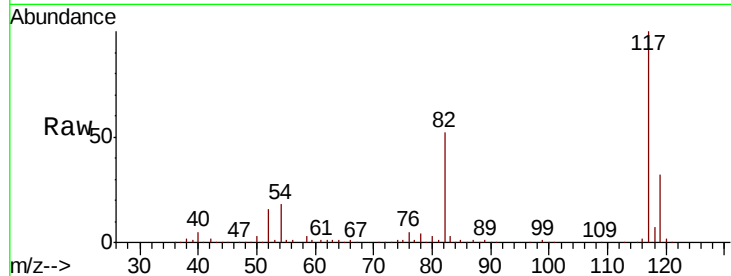




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050878.D
Acq: 24 Aug 2018 15:42

Instrument :
MSVOA_N
ClientSampleId :
PB112339ZHE#04

Tgt Ion:117 Resp: 878906
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 31.7 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: VN050878.D
Acq: 24 Aug 2018 15:42

Tgt Ion:152 Resp: 288144
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 154.0 0.0 351.4

