

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051224.D
 Acq On : 15 Sep 2018 15:55
 Operator : MD\SY
 Sample : PB112879ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#05

Quant Time: Sep 17 03:29:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	428015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	682468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	161083	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	232936	48.90	ug/l	0.00
Spiked Amount						
			Recovery	=	97.80%	
35) Dibromofluoromethane	7.59	113	250082	48.77	ug/l	0.00
Spiked Amount						
			Recovery	=	97.54%	
50) Toluene-d8	10.09	98	851546	43.76	ug/l	0.00
Spiked Amount						
			Recovery	=	87.52%	
62) 4-Bromofluorobenzene	12.40	95	218447	33.94	ug/l	0.00
Spiked Amount						
			Recovery	=	67.88%	

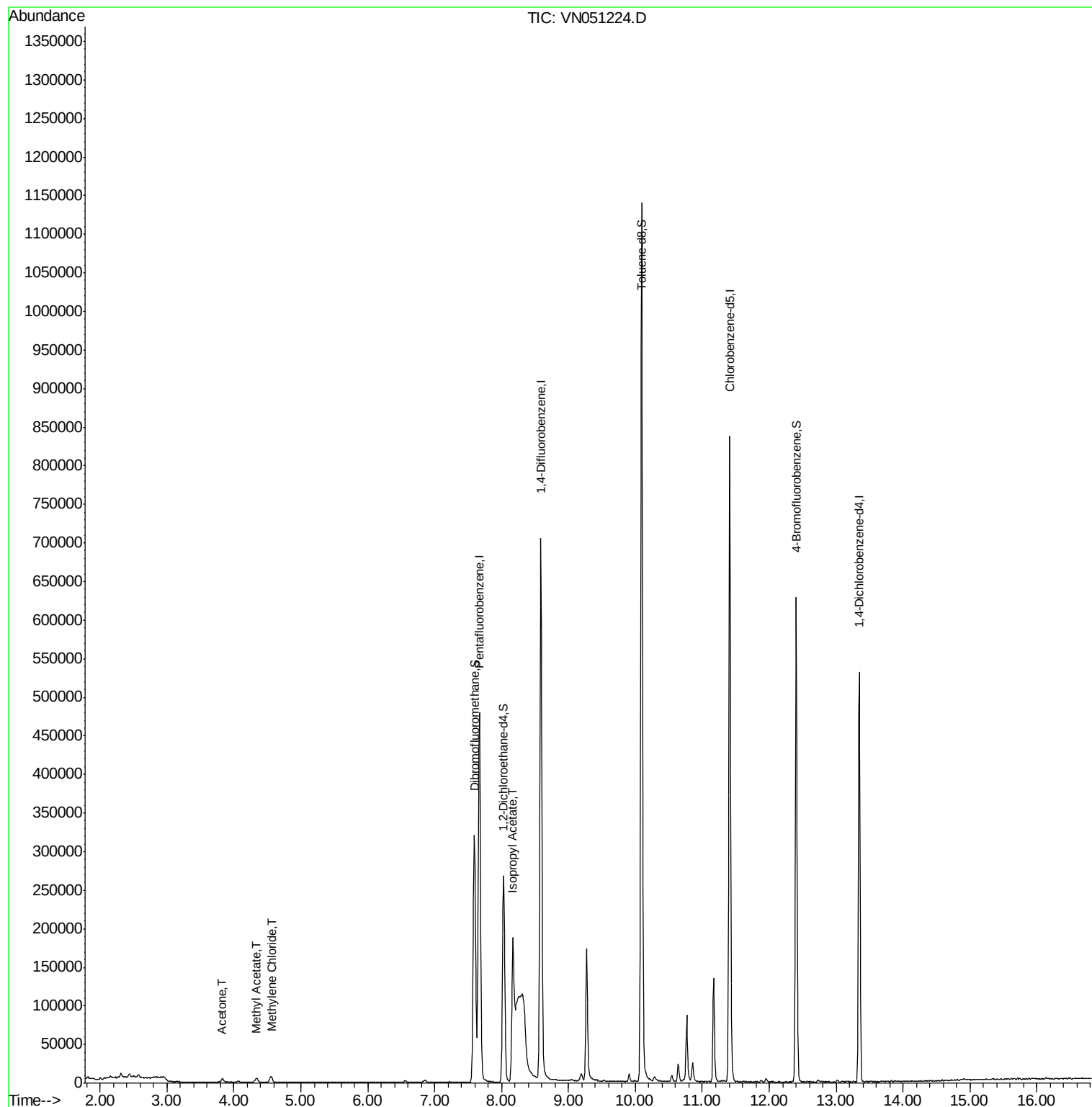
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	8258	1.20	ug/l	93
18) Methyl Acetate	4.34	43	11432	3.00	ug/l #	90
20) Methylene Chloride	4.55	84	5946	1.13	ug/l	97
43) Isopropyl Acetate	8.17	43	234023	30.56	ug/l #	81

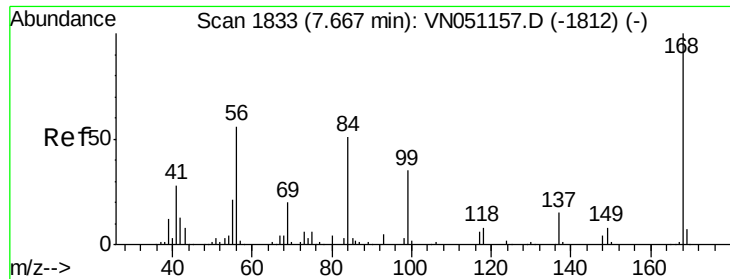
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051224.D

Acq: 15 Sep 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

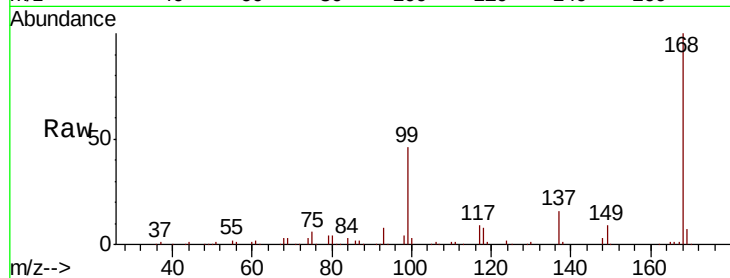
PB112879ZHE#05

Tot Ion:168 Resp: 428015

Ion Ratio Lower Upper

168 100

99 46.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

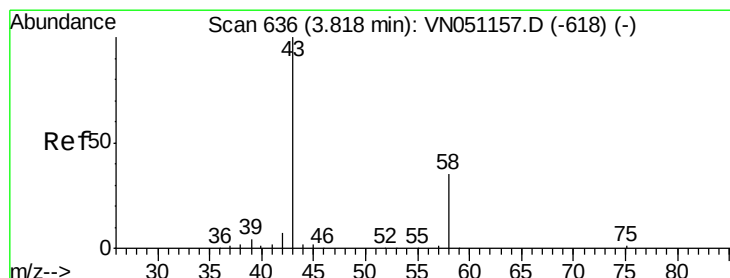
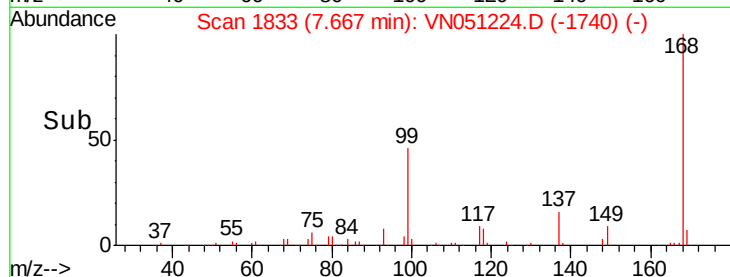
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 1.20 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051224.D

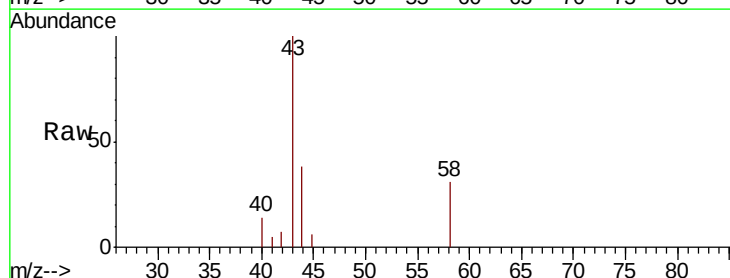
Acq: 15 Sep 2018 15:55

Tgt Ion: 43 Resp: 8258

Ion Ratio Lower Upper

43 100

58 30.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

3000

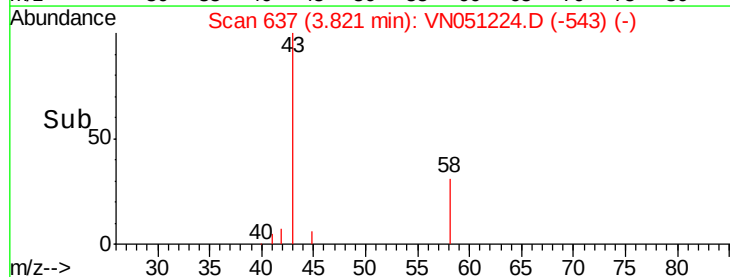
2000

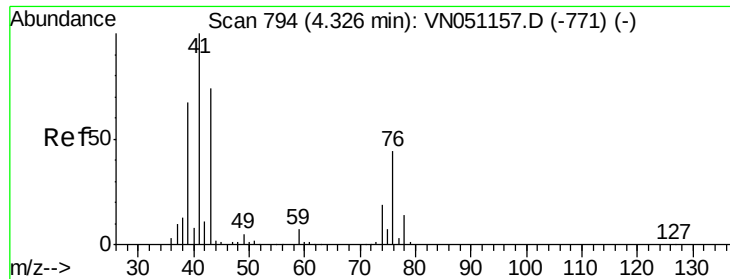
1000

0

3.75 3.80 3.85 3.90

Time-->

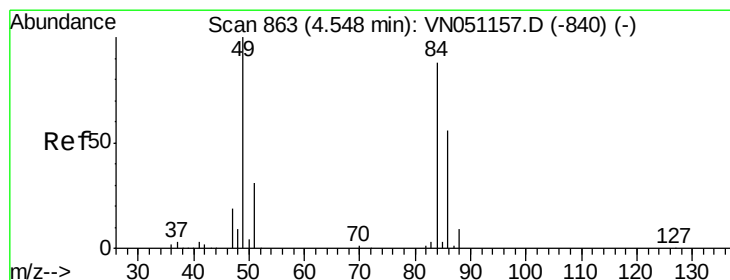
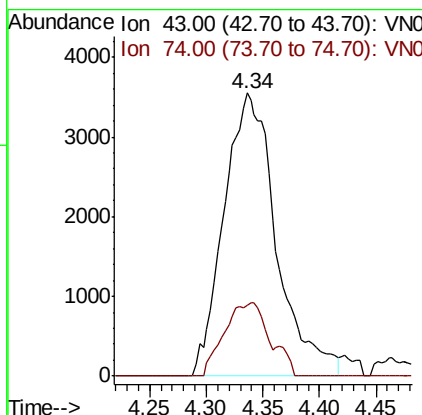
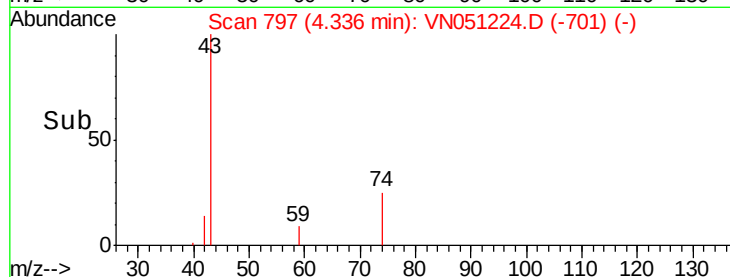
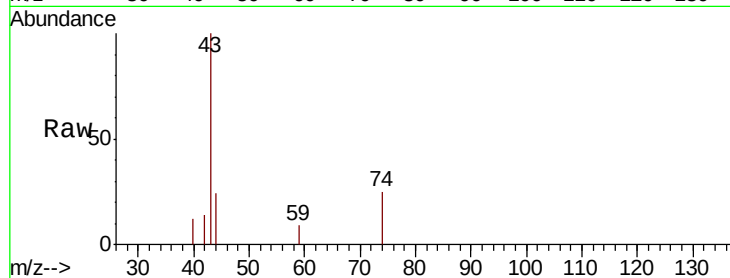




#18
Methvl Acetate
Concen: 3.00 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051224.D
Acq: 15 Sep 2018 15:55

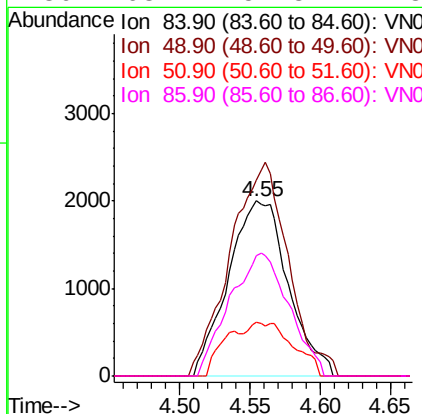
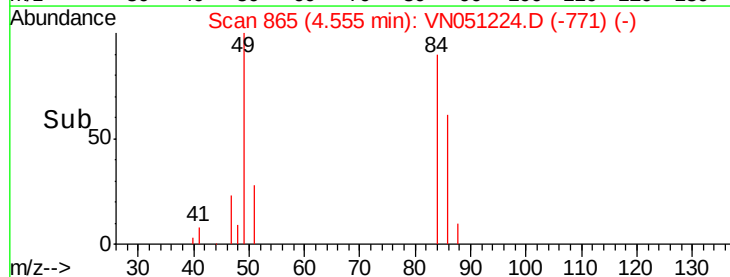
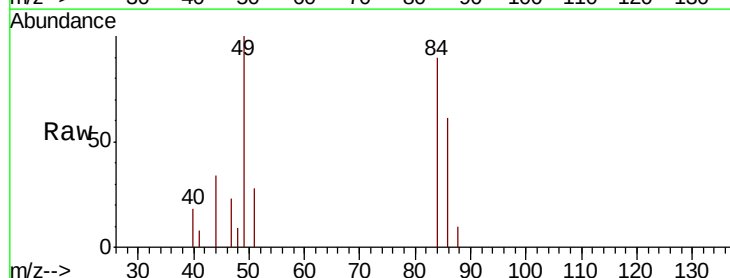
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#05

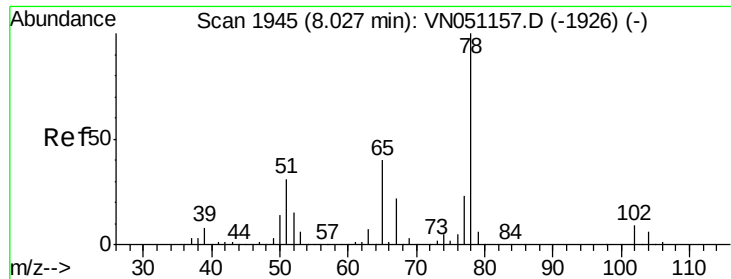
Tot Ion: 43 Resp: 11432
Ion Ratio Lower Upper
43 100
74 20.6 20.7 31.1#



#20
Methylene Chloride
Concen: 1.13 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051224.D
Acq: 15 Sep 2018 15:55

Tgt Ion: 84 Resp: 5946
Ion Ratio Lower Upper
84 100
49 111.5 90.2 135.2
51 31.1 28.4 42.6
86 68.4 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 48.90 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051224.D

Acq: 15 Sep 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

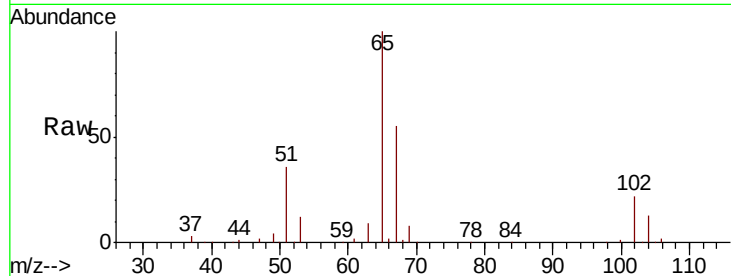
PB112879ZHE#05

Tot Ion: 65 Resp: 232936

Ion Ratio Lower Upper

65 100

67 54.7 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051157.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051157.D (-1926) (-)

8.03

100000

80000

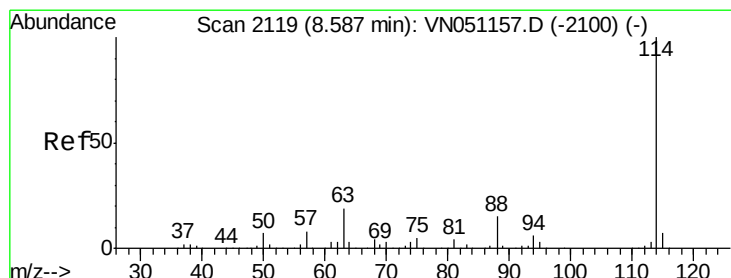
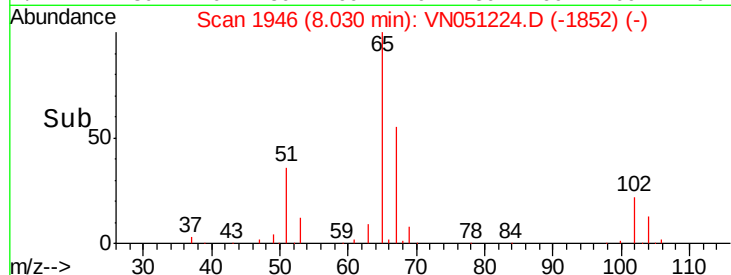
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051224.D

Acq: 15 Sep 2018 15:55

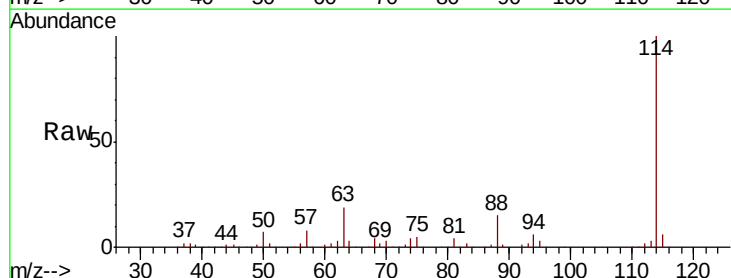
Tgt Ion: 114 Resp: 682468

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

88 15.3 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN051157.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN051157.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN051157.D (-2100) (-)

8.59

400000

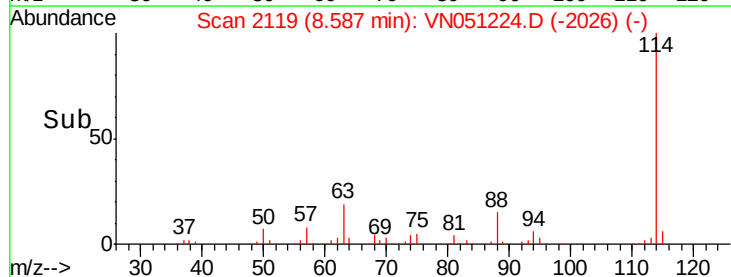
300000

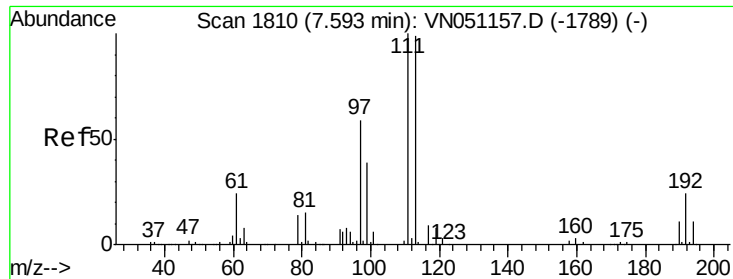
200000

100000

0

Time-->

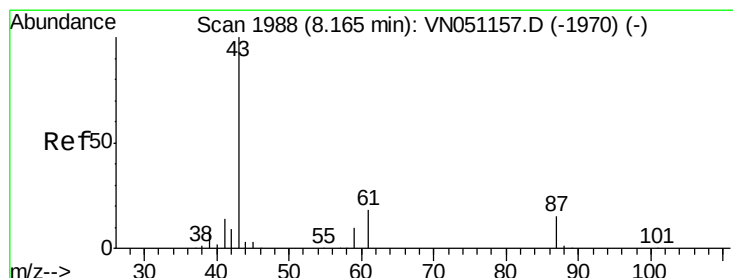
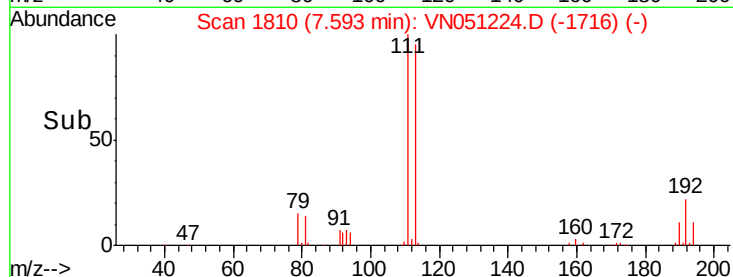
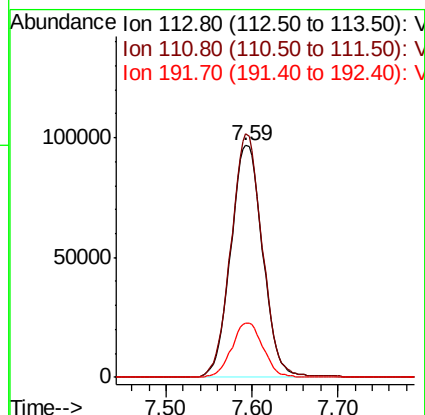
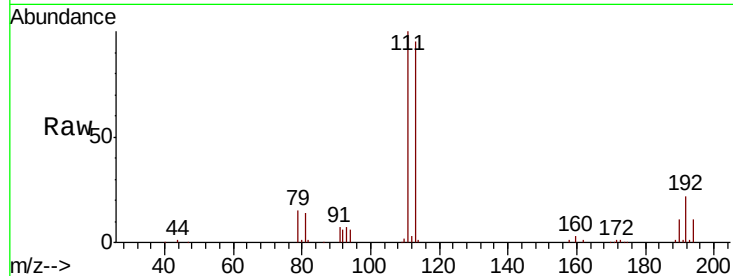




#35
 Dibromofluoromethane
 Concen: 48.77 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051224.D
 Acq: 15 Sep 2018 15:55

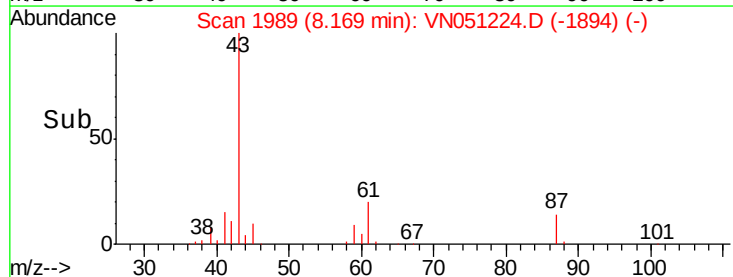
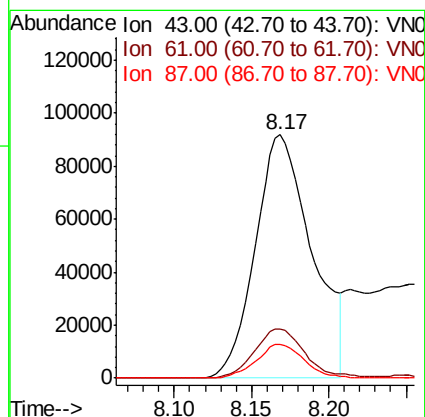
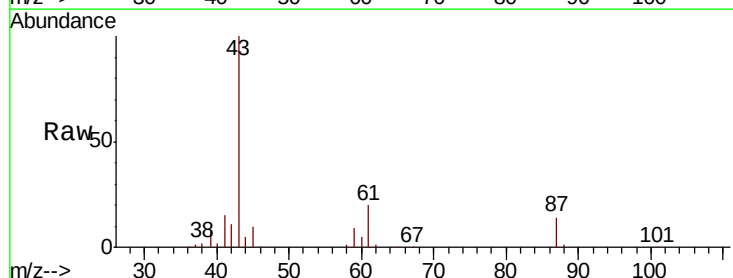
Instrument :
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 PB112879ZHE#05

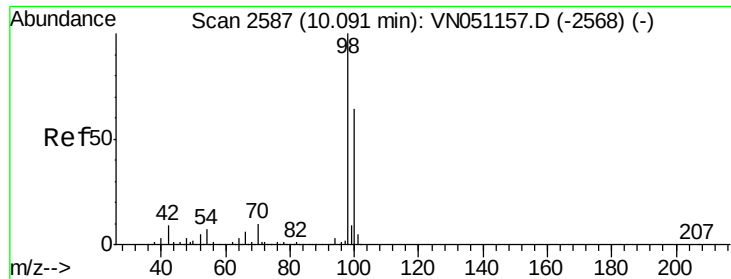
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.6
192	23.0	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 30.56 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051224.D
 Acq: 15 Sep 2018 15:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	25.0	37.6#
87	11.8	11.8	17.8#

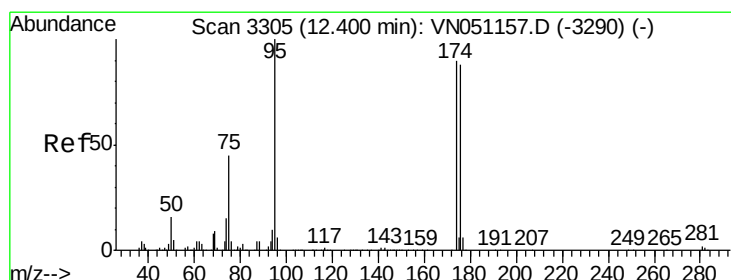
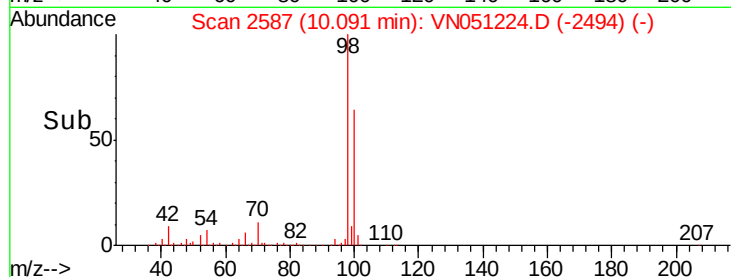
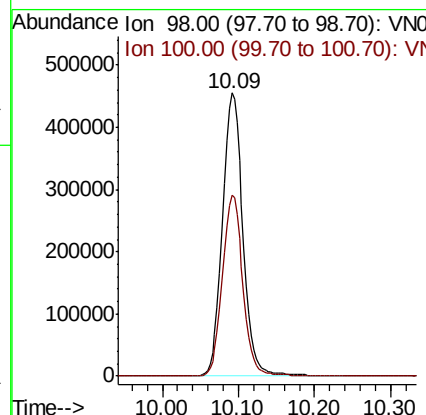
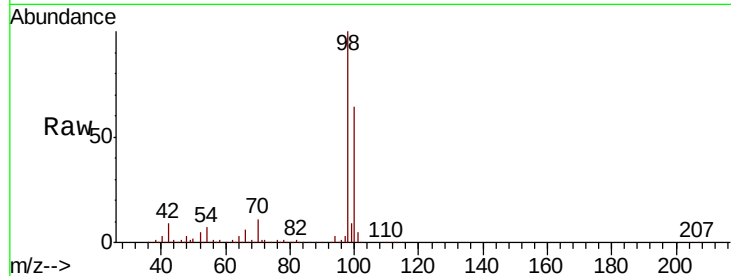




#50
Toluene-d8
Concen: 43.76 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051224.D
Acq: 15 Sep 2018 15:55

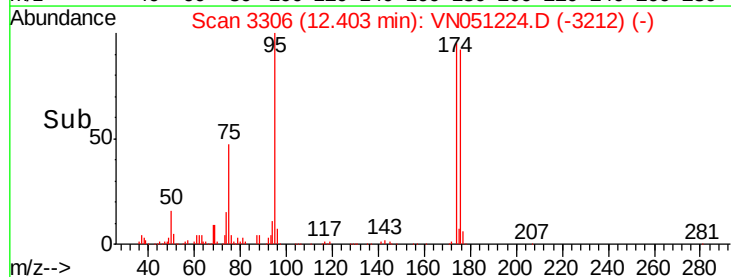
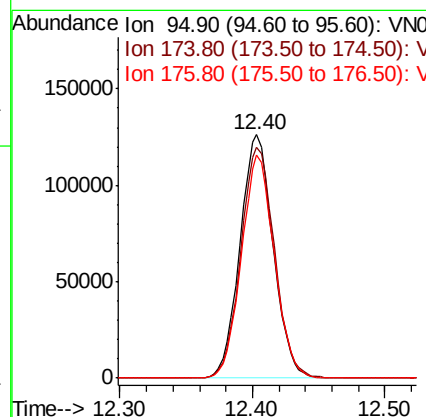
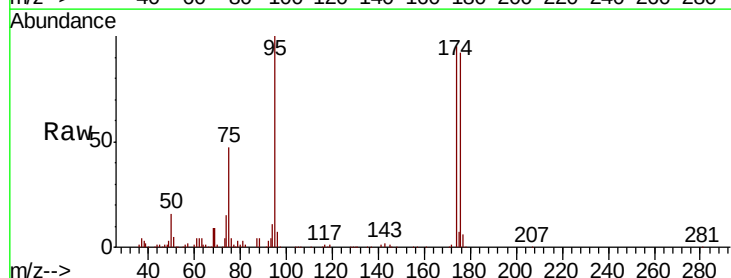
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#05

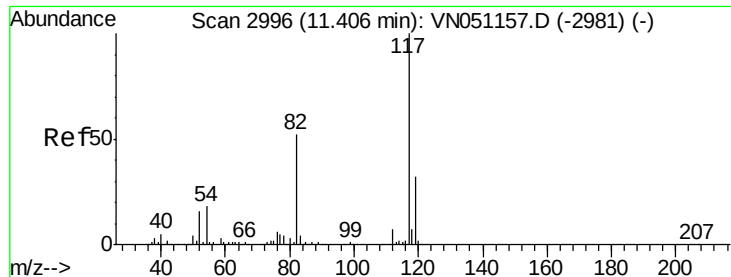
Tot Ion: 98 Resp: 851546
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 33.94 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051224.D
Acq: 15 Sep 2018 15:55

Tgt Ion: 95 Resp: 218447
Ion Ratio Lower Upper
95 100
174 96.9 0.0 184.8
176 91.4 0.0 178.6

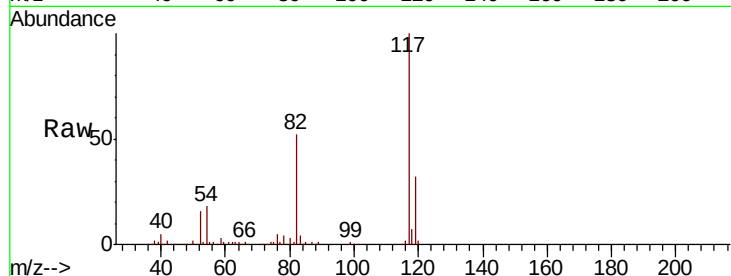




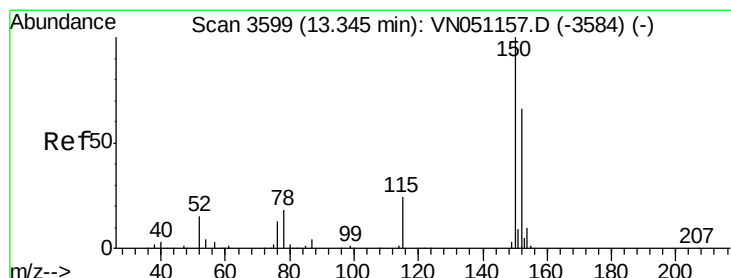
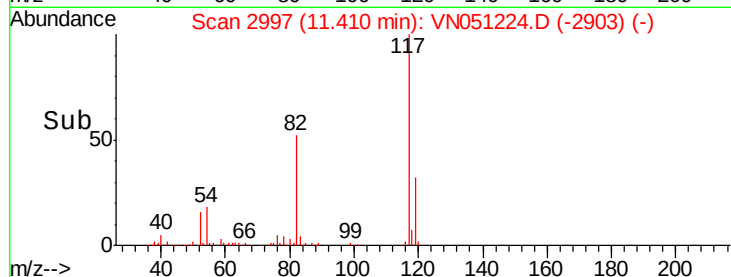
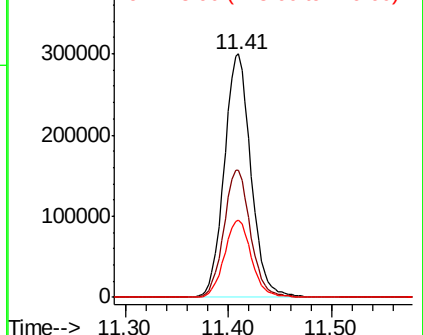
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051224.D
Acq: 15 Sep 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#05

Tot Ion:117 Resp: 539581
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 31.9 26.2 39.2

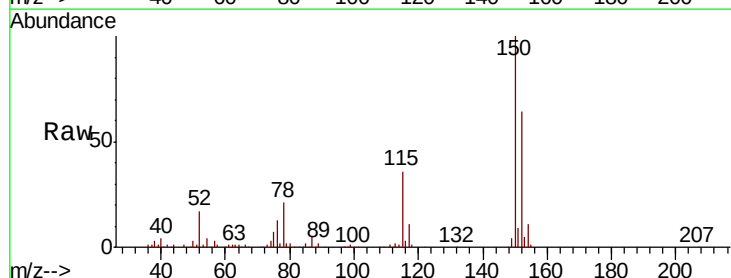


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051224.D
Acq: 15 Sep 2018 15:55

Tgt Ion:152 Resp: 161083
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 157.3 0.0 349.0



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

