

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051227.D
 Acq On : 15 Sep 2018 17:08
 Operator : MD\SY
 Sample : PB112879ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#08

Quant Time: Sep 17 03:35:47 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	433792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	677127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	155745	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	235327	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	7.59	113	254186	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	10.09	98	851316	44.09	ug/l	0.00
Spiked Amount			Recovery	=	88.18%	
62) 4-Bromofluorobenzene	12.40	95	219176	34.32	ug/l	0.00
Spiked Amount			Recovery	=	68.64%	

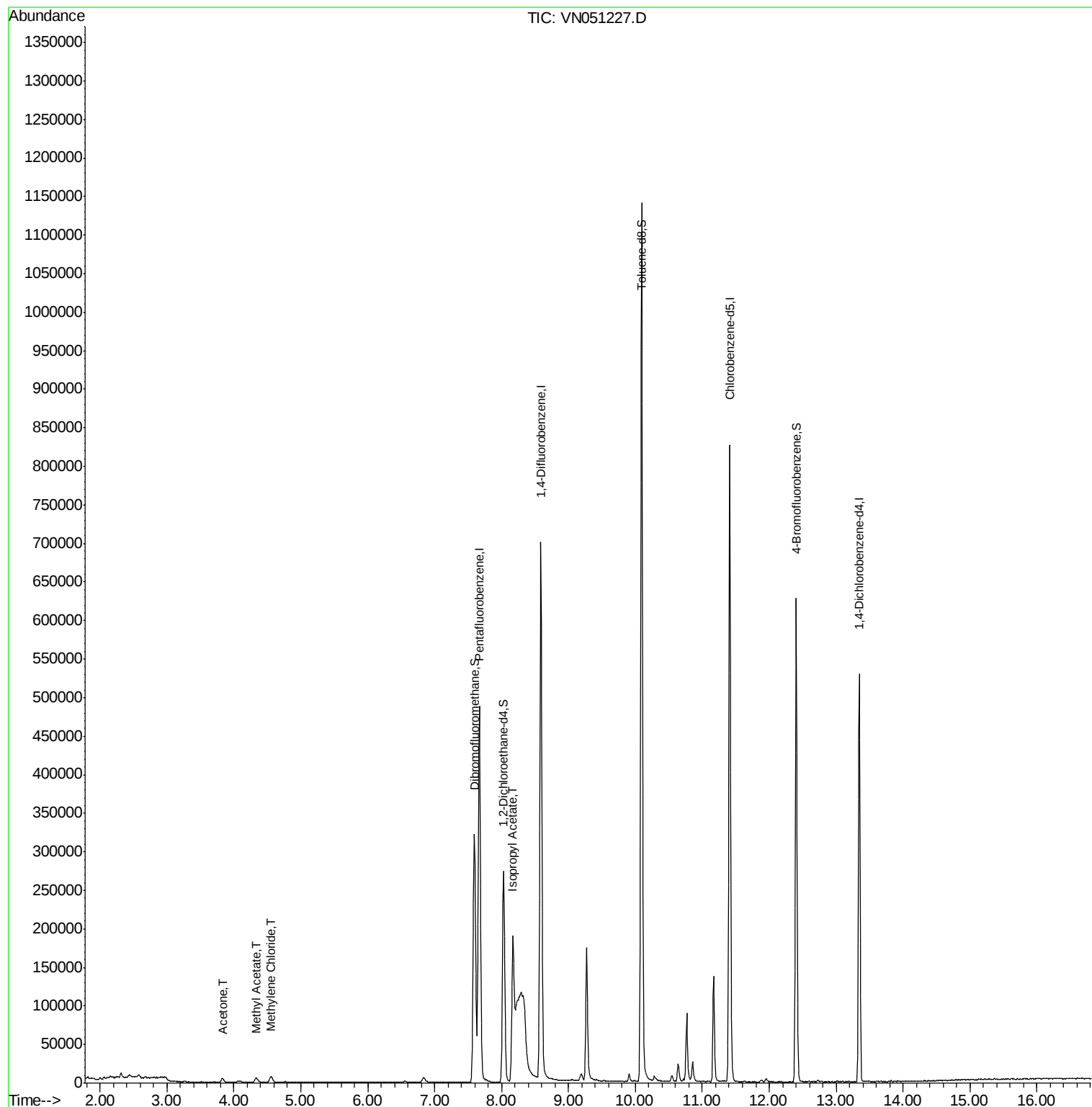
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	8982	1.73	ug/l	98
18) Methyl Acetate	4.33	43	11586	3.00	ug/l #	72
20) Methylene Chloride	4.55	84	6423	1.20	ug/l	90
43) Isopropyl Acetate	8.17	43	230442	30.33	ug/l #	82

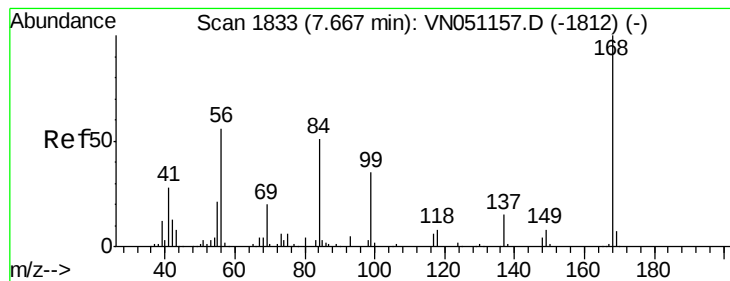
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051227.D

Acq: 15 Sep 2018 17:08

Instrument :

MSVOA_N

ClientSampleId :

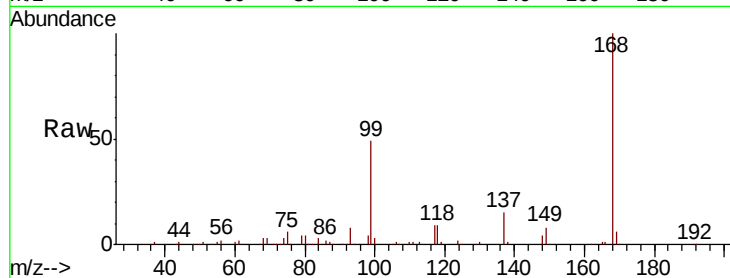
PB112879ZHE#08

Tot Ion:168 Resp: 433792

Ion Ratio Lower Upper

168 100

99 48.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

200000

150000

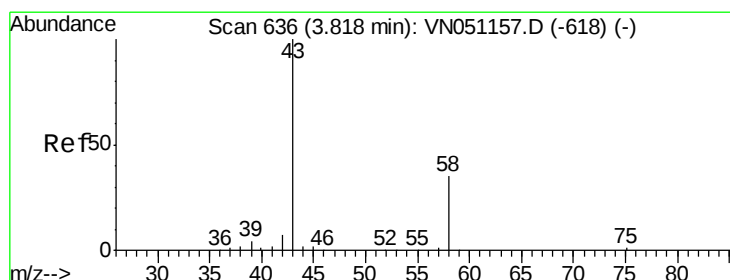
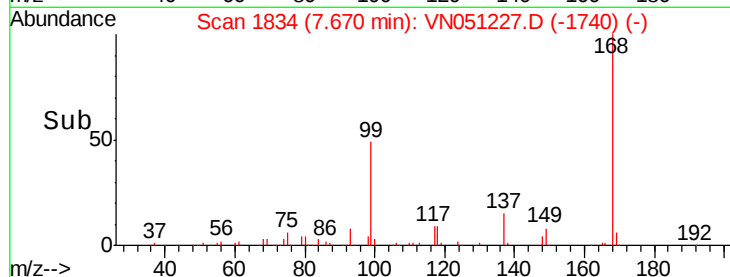
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 1.73 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051227.D

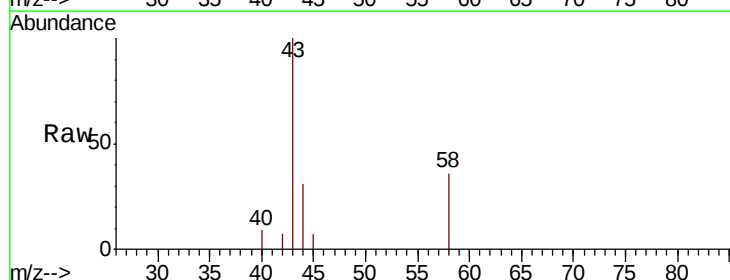
Acq: 15 Sep 2018 17:08

Tgt Ion: 43 Resp: 8982

Ion Ratio Lower Upper

43 100

58 35.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

3.83

3000

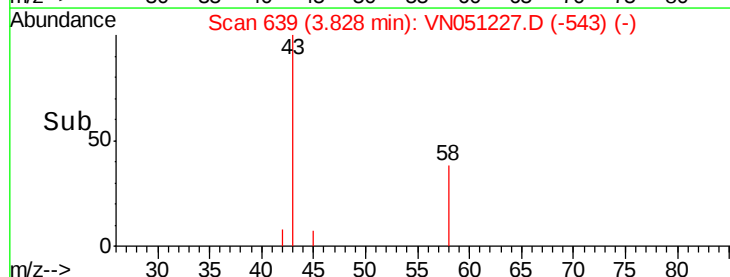
2000

1000

0

3.75 3.80 3.85 3.90

Time-->

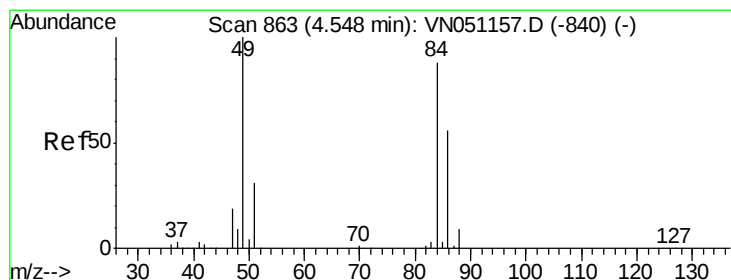
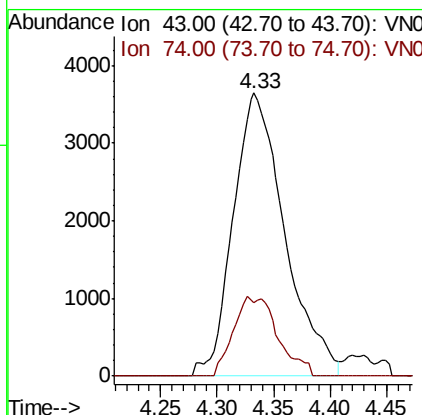
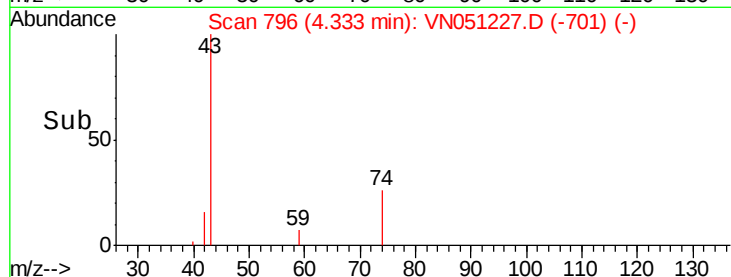
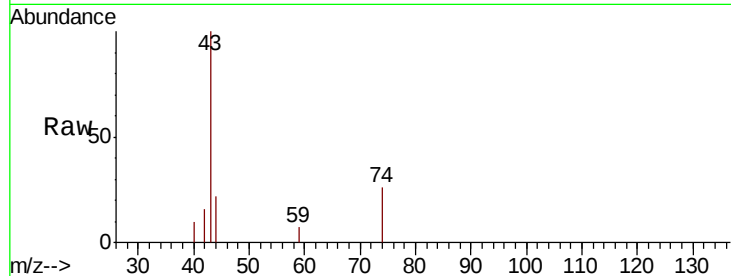




#18
Methyl Acetate
Concen: 3.00 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051227.D
Acq: 15 Sep 2018 17:08

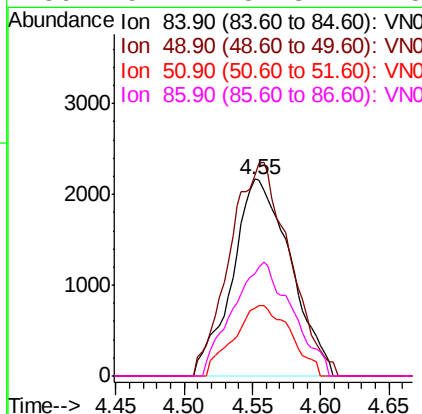
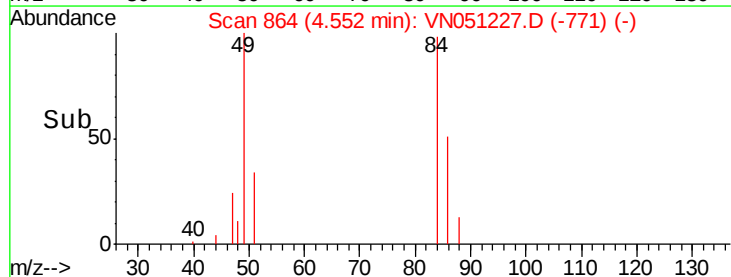
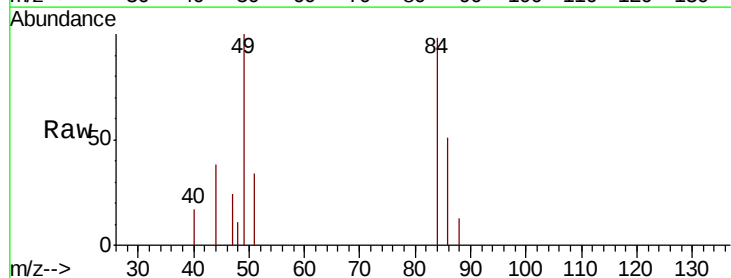
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#08

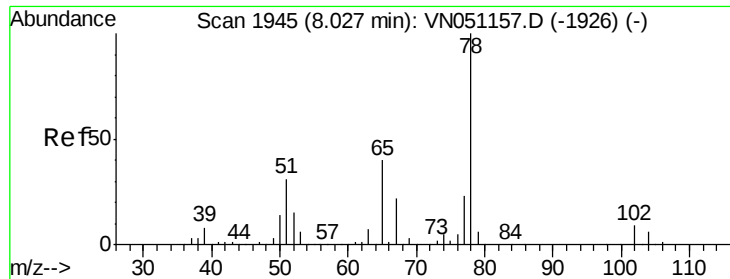
Tot Ion: 43 Resp: 11586
Ion Ratio Lower Upper
43 100
74 11.7 20.7 31.1#



#20
Methylene Chloride
Concen: 1.20 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051227.D
Acq: 15 Sep 2018 17:08

Tgt Ion: 84 Resp: 6423
Ion Ratio Lower Upper
84 100
49 102.0 90.2 135.2
51 34.6 28.4 42.6
86 52.4 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 48.75 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051227.D

Acq: 15 Sep 2018 17:08

Instrument :

MSVOA_N

ClientSampleId :

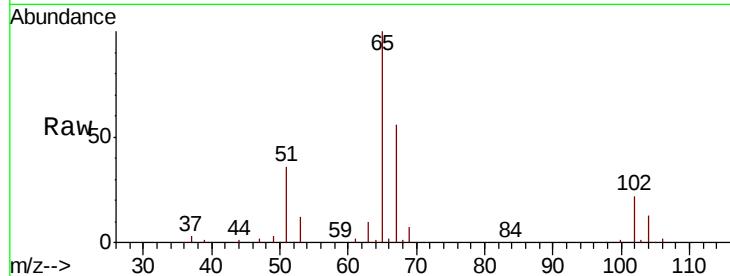
PB112879ZHE#08

Tot Ion: 65 Resp: 235327

Ion Ratio Lower Upper

65 100

67 54.4 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

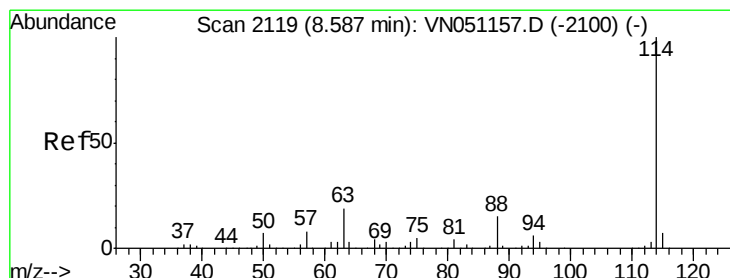
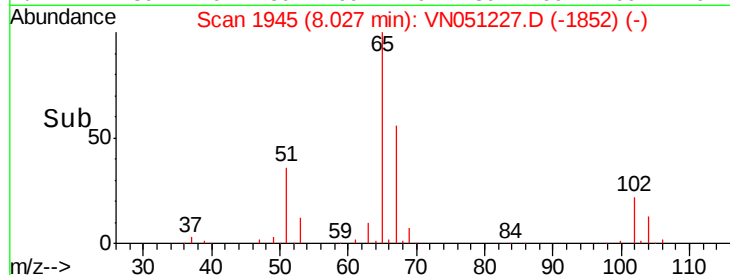
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051227.D

Acq: 15 Sep 2018 17:08

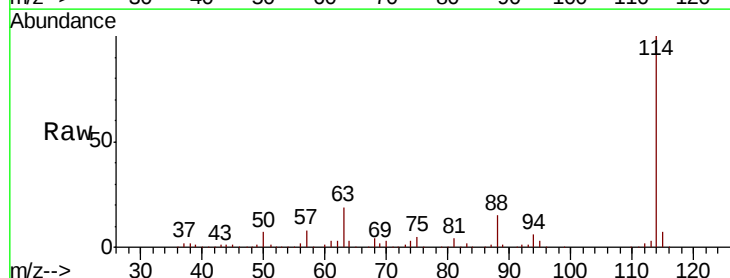
Tgt Ion: 114 Resp: 677127

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.8

88 14.9 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

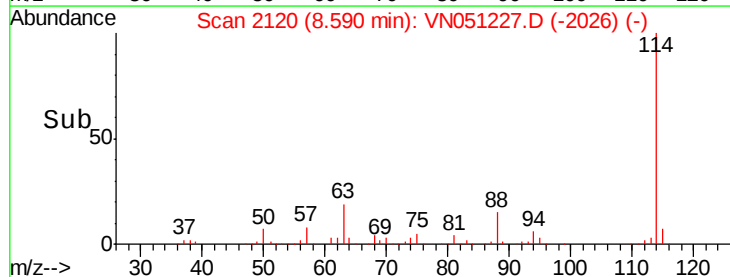
200000

100000

0

8.50 8.60 8.70

Time-->

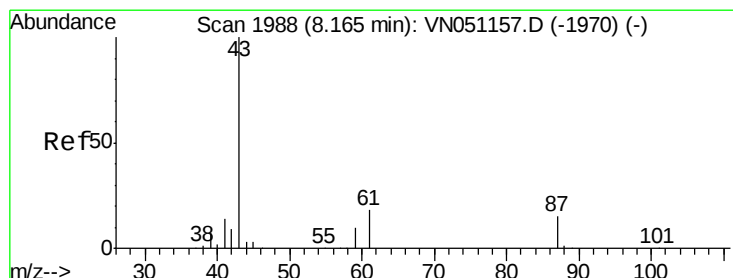
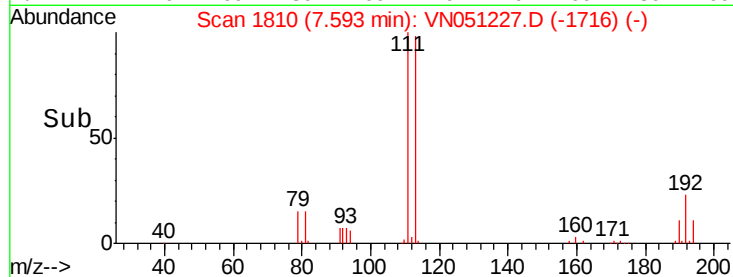
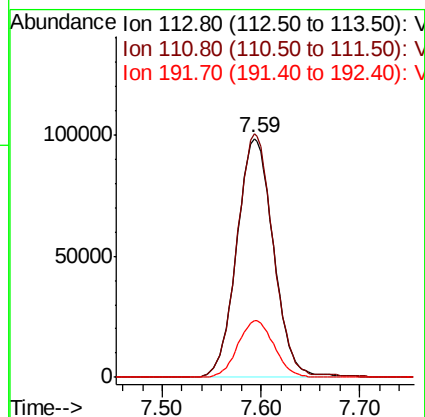
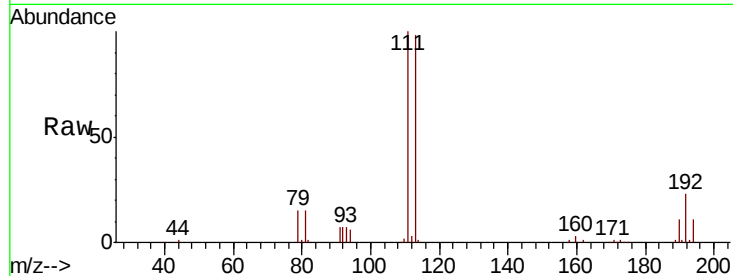




#35
 Dibromofluoromethane
 Concen: 49.96 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051227.D
 Acq: 15 Sep 2018 17:08

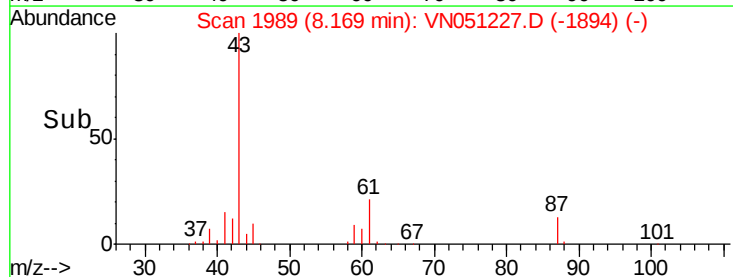
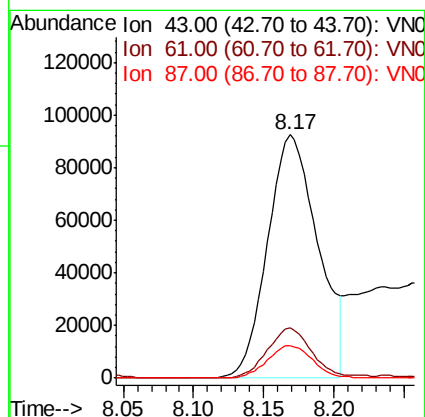
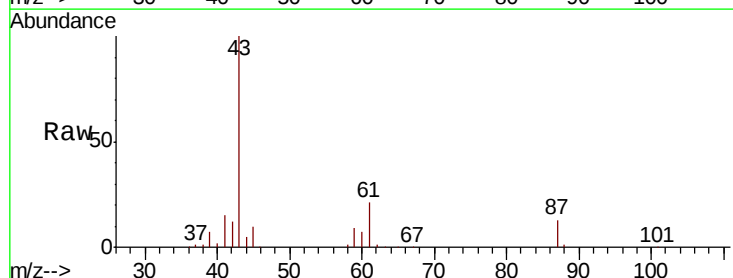
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#08

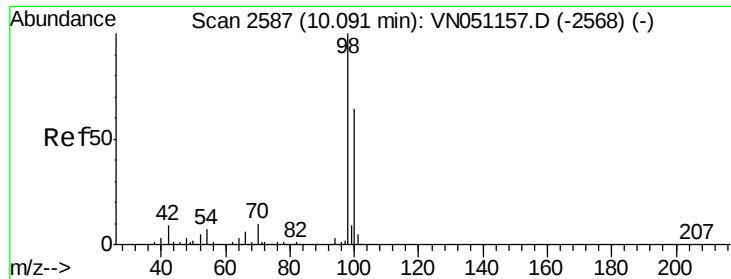
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.0	124.6
192	23.5	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 30.33 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051227.D
 Acq: 15 Sep 2018 17:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.4	25.0	37.6#
87	12.0	11.8	17.8





#50

Toluene-d8

Concen: 44.09 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051227.D

Acq: 15 Sep 2018 17:08

Instrument :

MSVOA_N

ClientSampleId :

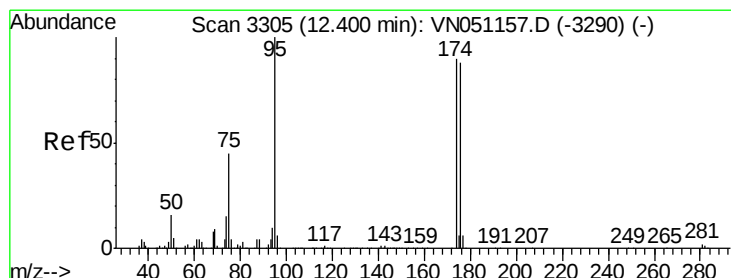
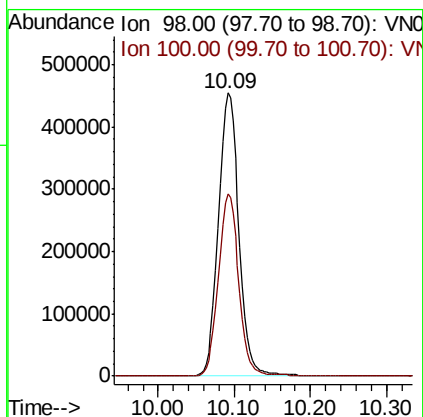
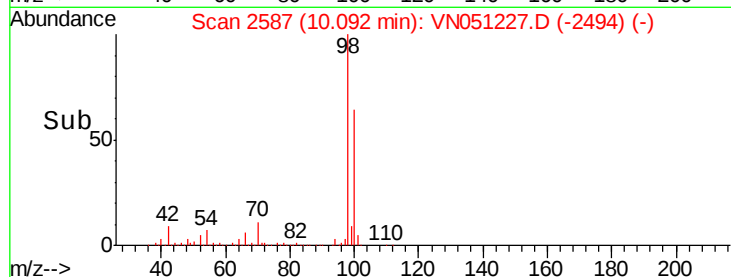
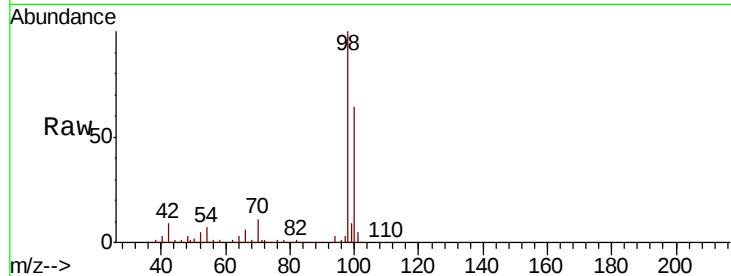
PB112879ZHE#08

Tot Ion: 98 Resp: 851316

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.32 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051227.D

Acq: 15 Sep 2018 17:08

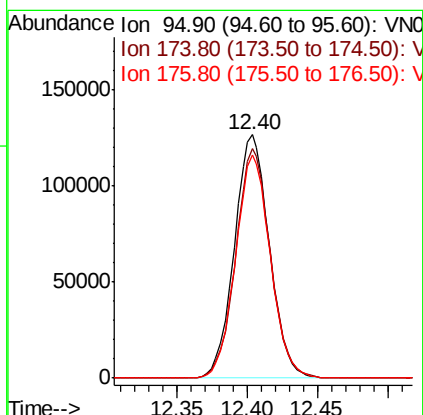
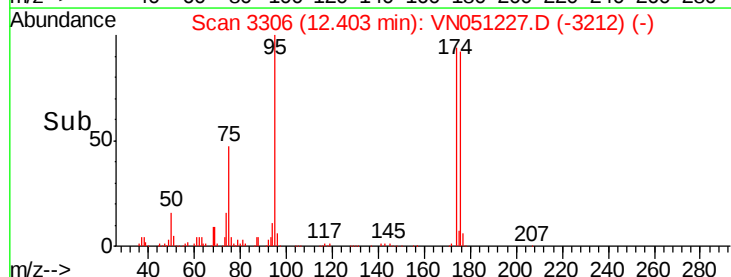
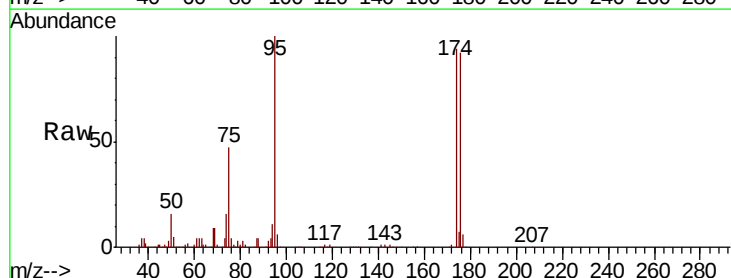
Tgt Ion: 95 Resp: 219176

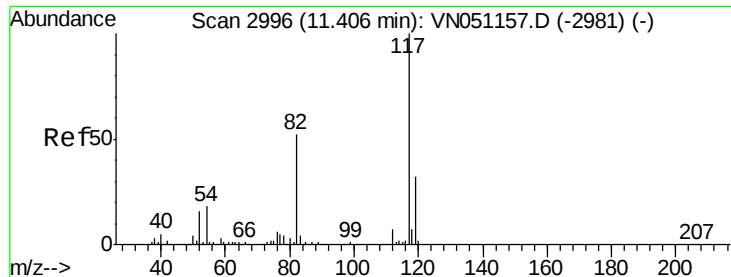
Ion Ratio Lower Upper

95 100

174 93.4 0.0 184.8

176 91.2 0.0 178.6

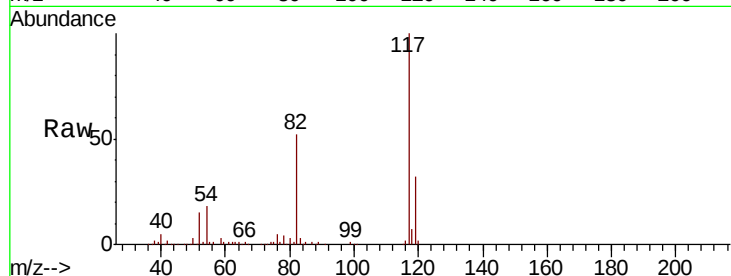




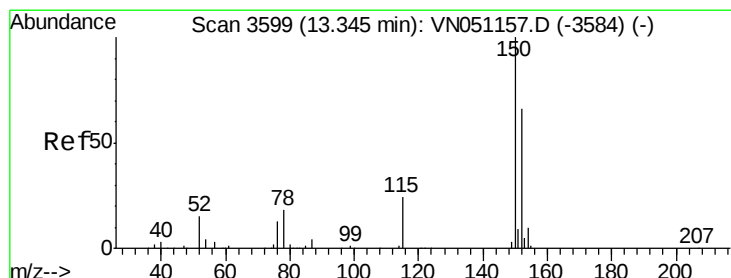
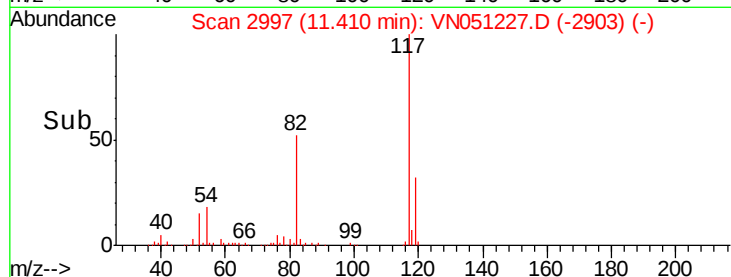
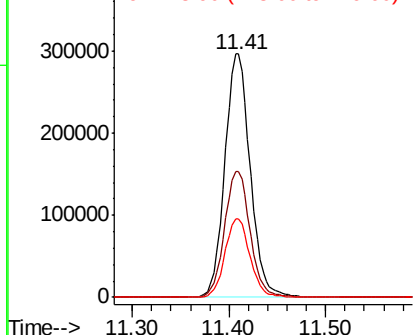
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051227.D
Acq: 15 Sep 2018 17:08

Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#08

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.8	62.6
119	32.4	26.2	39.2

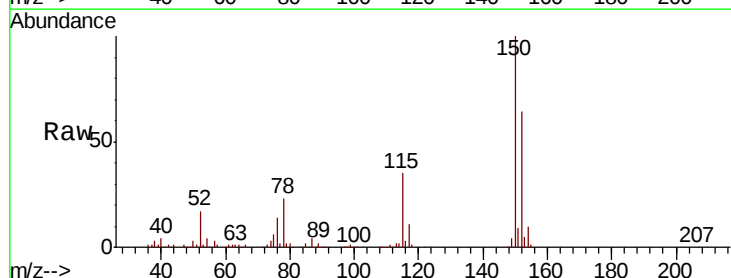


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051227.D
Acq: 15 Sep 2018 17:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	156.7	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

