

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
 Data File : VN051170.D
 Acq On : 13 Sep 2018 15:19
 Operator : MD\SY
 Sample : PB112798ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

Quant Time: Sep 14 02:30:18 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

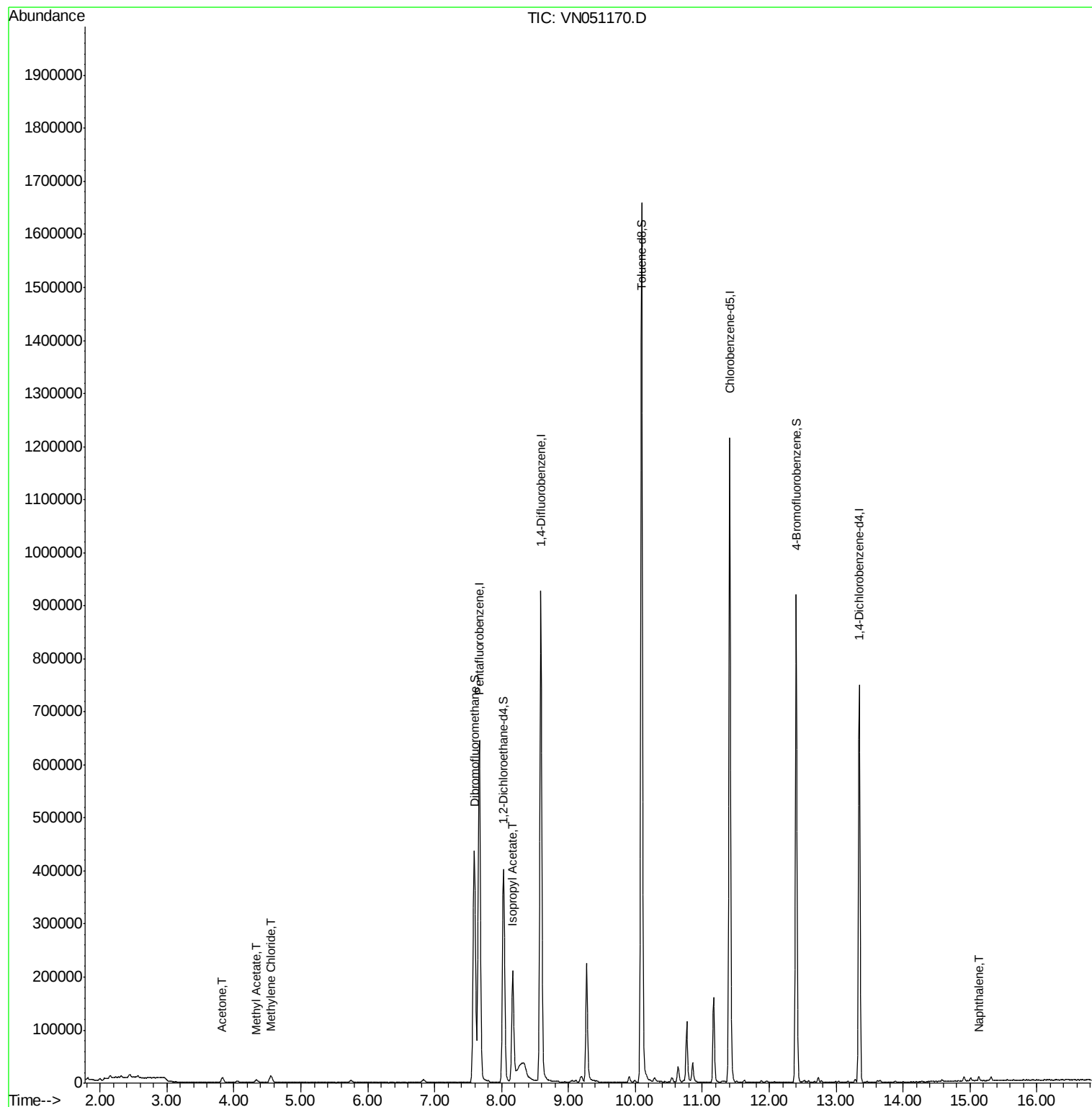
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	569227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	892017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	777214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	347763	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
35) Dibromofluoromethane	7.59	113	339745	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.09	98	1233313	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.40	95	321800	38.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.50%	
Target Compounds						
16) Acetone	3.83	43	17044	5.16	ug/l	99
18) Methyl Acetate	4.34	43	9834	1.94	ug/l #	83
20) Methylene Chloride	4.55	84	10328	1.48	ug/l	95
43) Isopropyl Acetate	8.17	43	249072	24.89	ug/l #	87
95) Naphthalene	15.13	128	6817	6.07	ug/l #	93

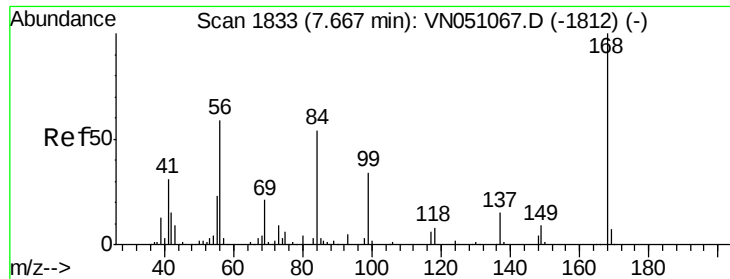
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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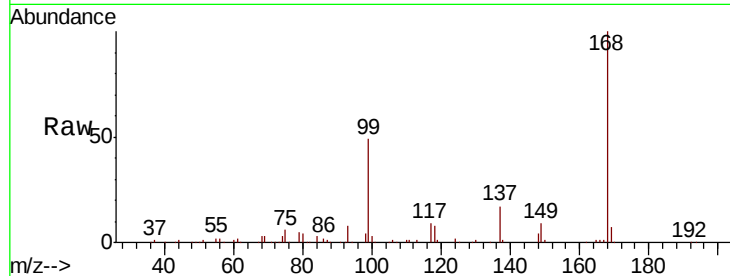


#1

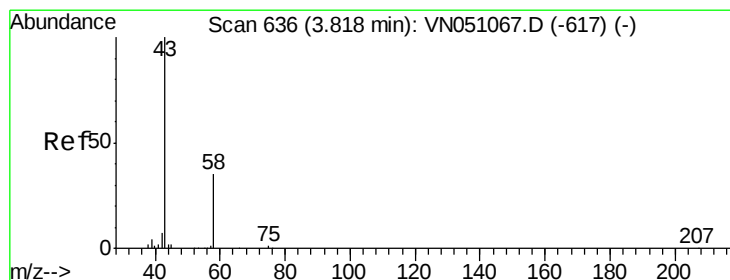
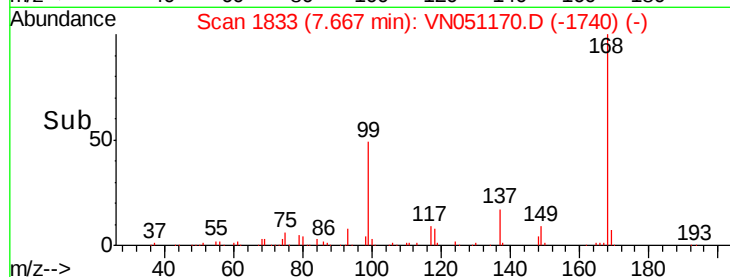
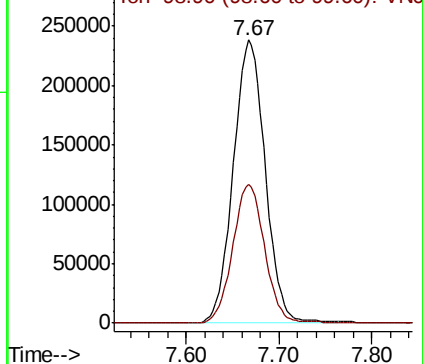
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

Tot Ion:168 Resp: 569227
 Ion Ratio Lower Upper
 168 100
 99 49.0 38.3 57.5



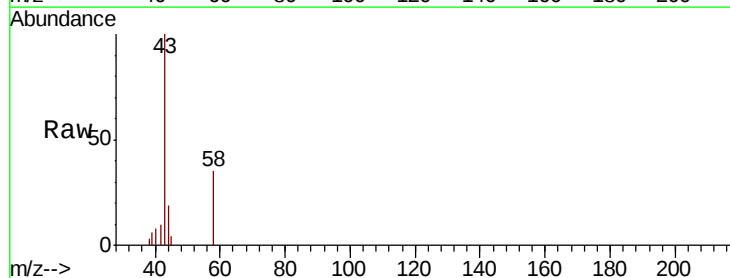
Abundance Ion 167.90 (167.60 to 168.60): VN051170.D (-1740) (-)
 Ion 98.90 (98.60 to 99.60): VN051170.D (-1740) (-)



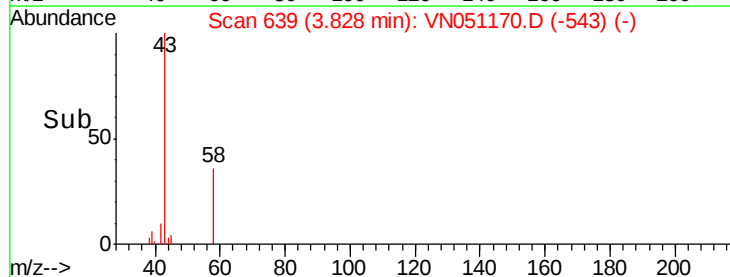
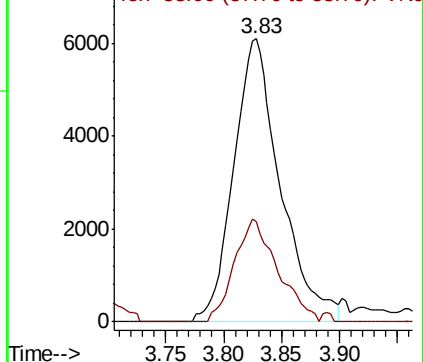
#16

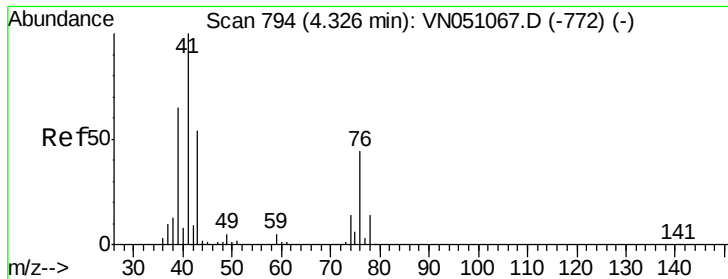
Acetone
 Concen: 5.16 ug/l
 RT: 3.83 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion: 43 Resp: 17044
 Ion Ratio Lower Upper
 43 100
 58 35.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051170.D (-543) (-)
 Ion 58.00 (57.70 to 58.70): VN051170.D (-543) (-)

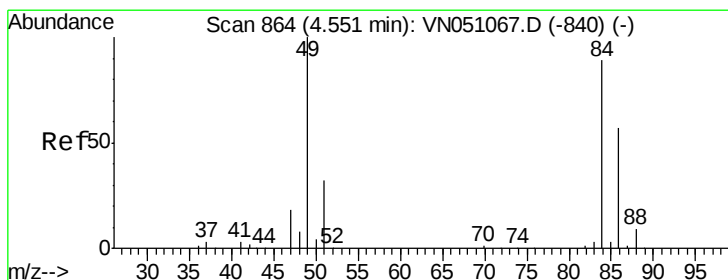
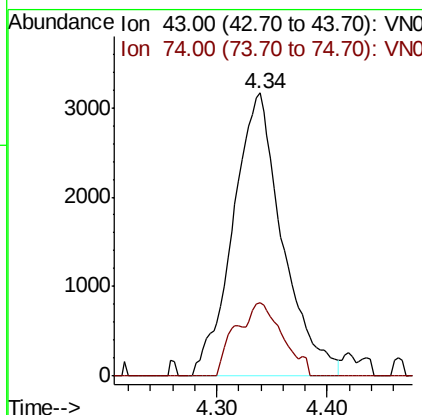
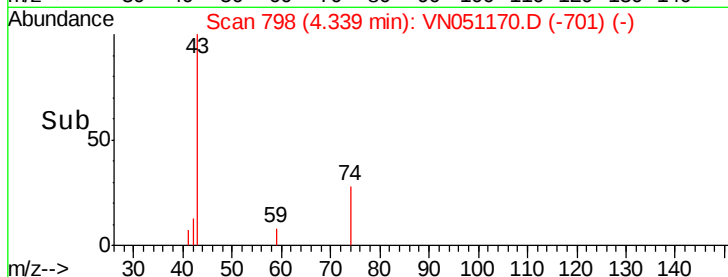
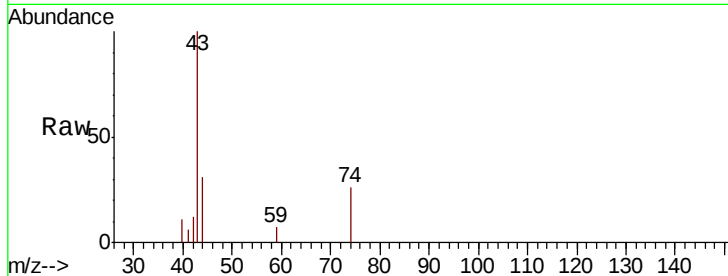




#18
Methyl Acetate
Concen: 1.94 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051170.D
Acq: 13 Sep 2018 15:19

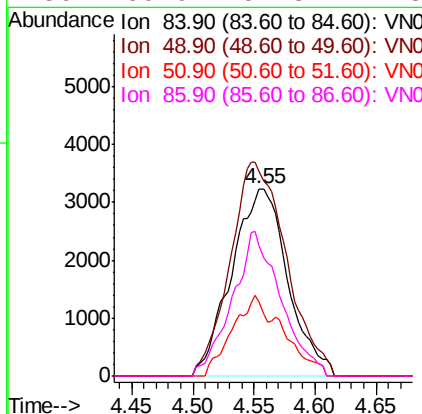
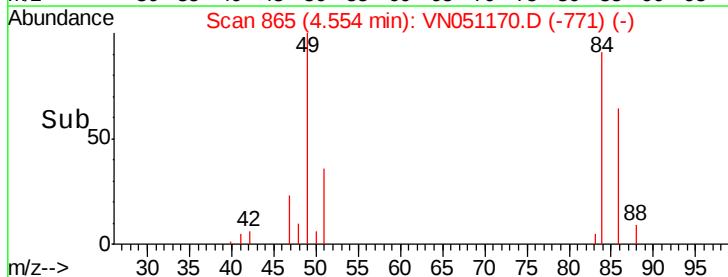
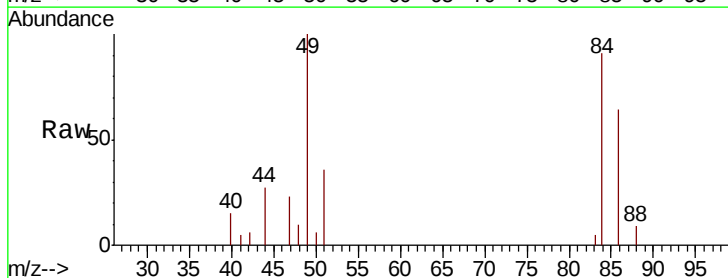
Instrument :
MSVOA_N
ClientSampleId :
PB112798ZHE#04

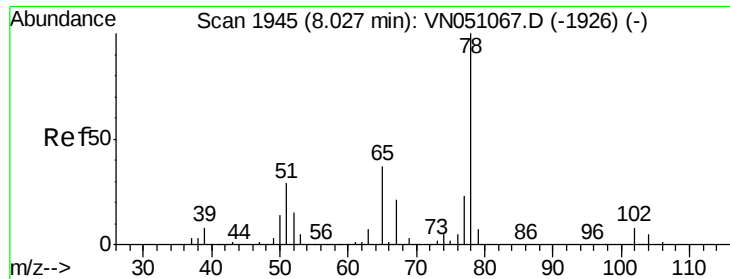
Tot Ion: 43 Resp: 9834
Ion Ratio Lower Upper
43 100
74 17.0 20.7 31.1#



#20
Methylene Chloride
Concen: 1.48 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051170.D
Acq: 13 Sep 2018 15:19

Tgt Ion: 84 Resp: 10328
Ion Ratio Lower Upper
84 100
49 109.5 90.2 135.2
51 39.8 28.4 42.6
86 69.9 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 54.90 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleId :

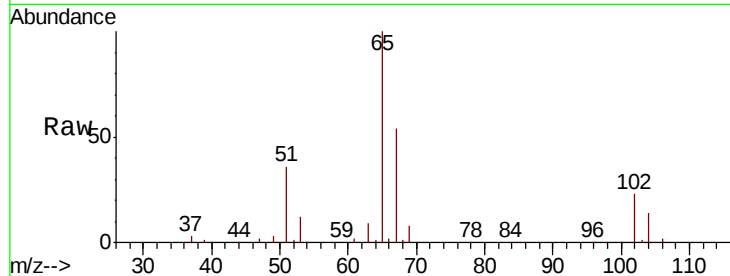
PB112798ZHE#04

Tot Ion: 65 Resp: 347763

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051170.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051170.D (-1926) (-)

8.03

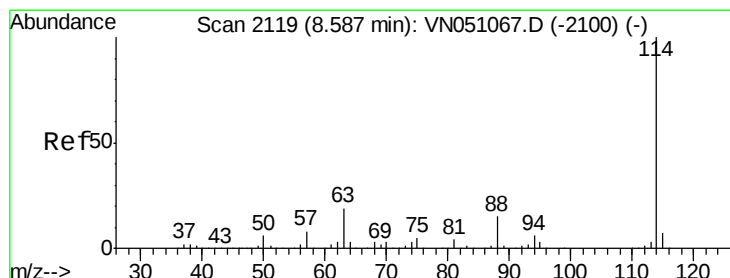
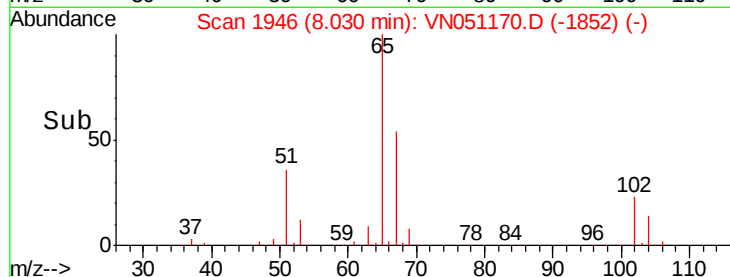
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

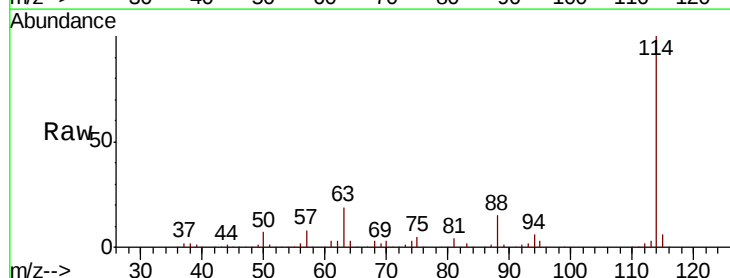
Tgt Ion: 114 Resp: 892017

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

88 14.7 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN051170.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN051170.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN051170.D (-2100) (-)

8.59

500000

400000

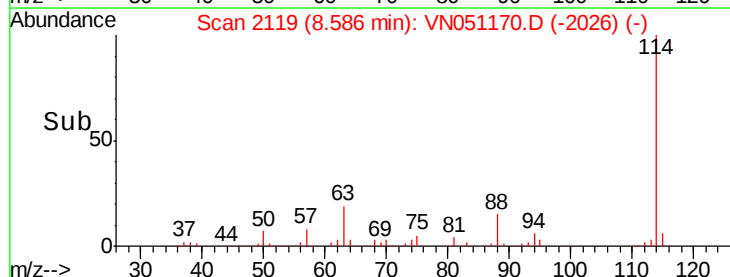
300000

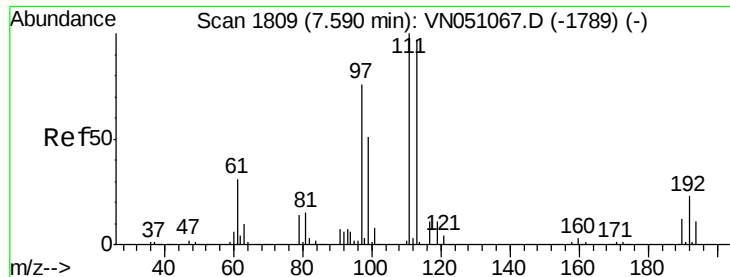
200000

100000

0

Time--> 8.50 8.60 8.70

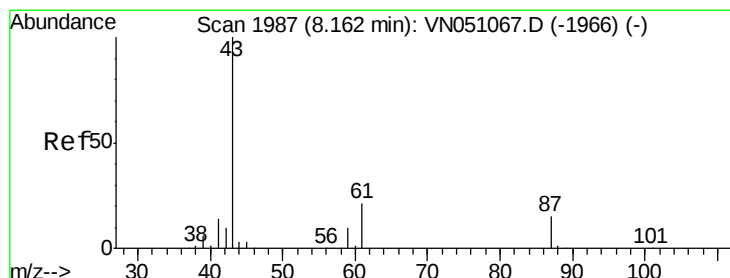
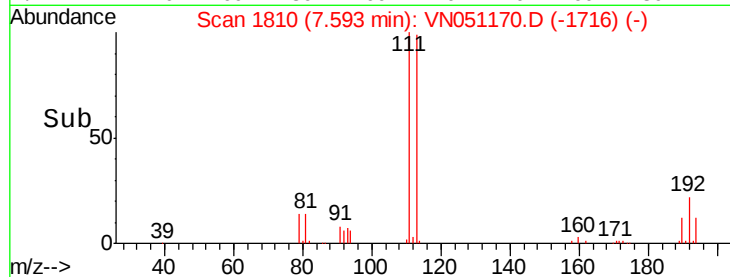
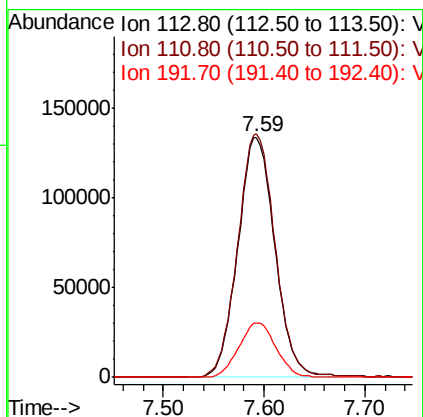
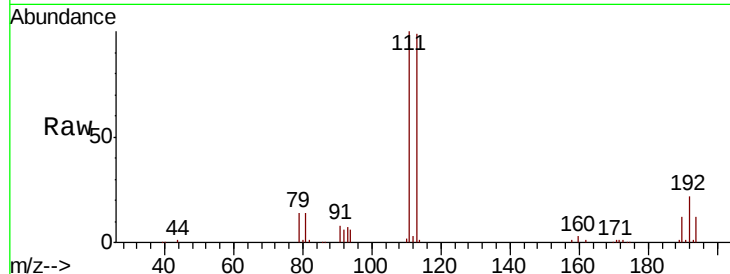




#35
 Dibromofluoromethane
 Concen: 50.69 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

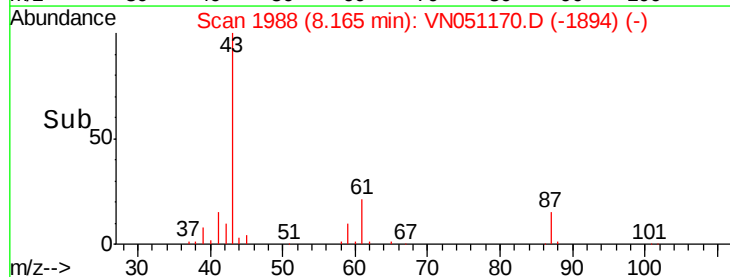
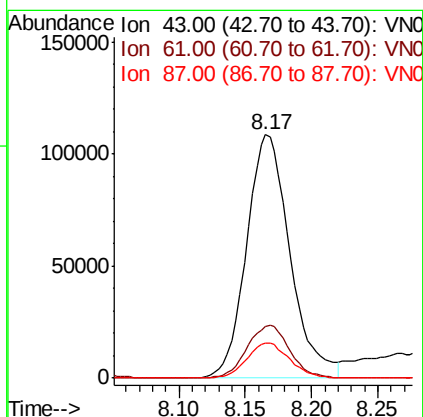
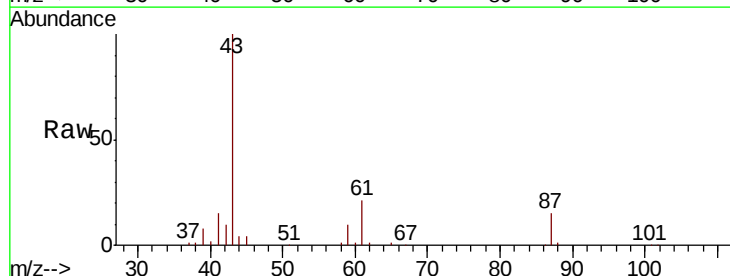
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

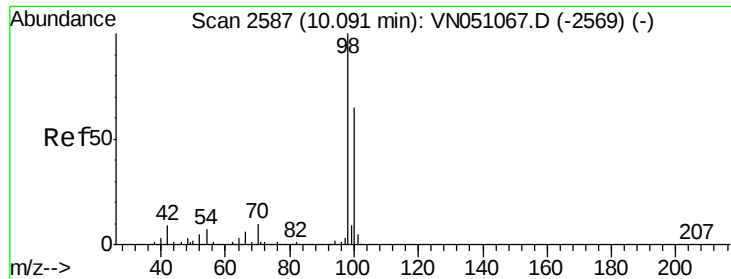
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.6
192	22.9	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 24.89 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.3	25.0	37.6#
87	14.1	11.8	17.8





#50

Toluene-d8

Concen: 48.49 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleId :

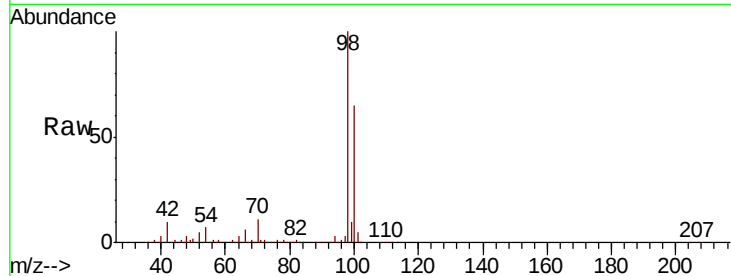
PB112798ZHE#04

Tot Ion: 98 Resp: 1233313

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051170.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051170.D (-2494) (-)

10.09

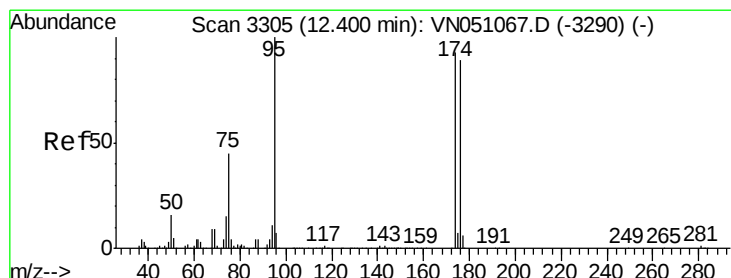
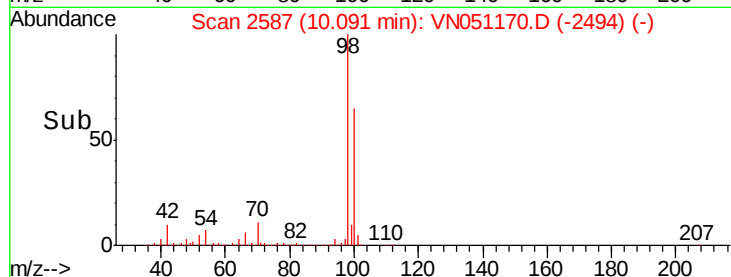
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.25 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

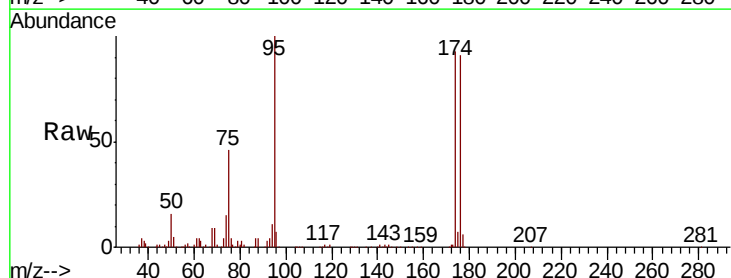
Tgt Ion: 95 Resp: 321800

Ion Ratio Lower Upper

95 100

174 93.0 0.0 184.8

176 90.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051170.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051170.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051170.D (-3212) (-)

12.40

250000

200000

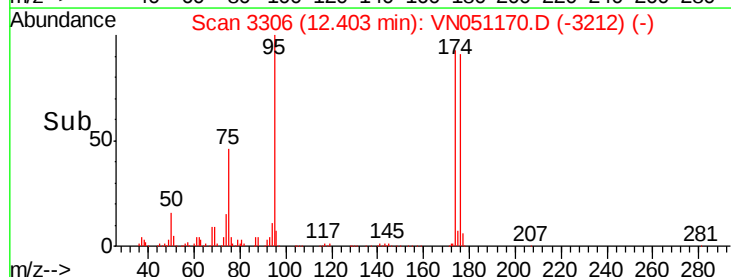
150000

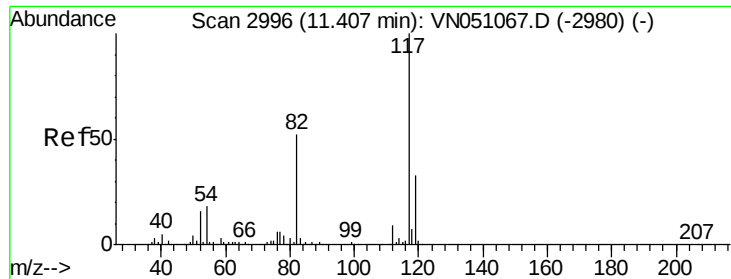
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

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ClientSampleId :

PB112798ZHE#04

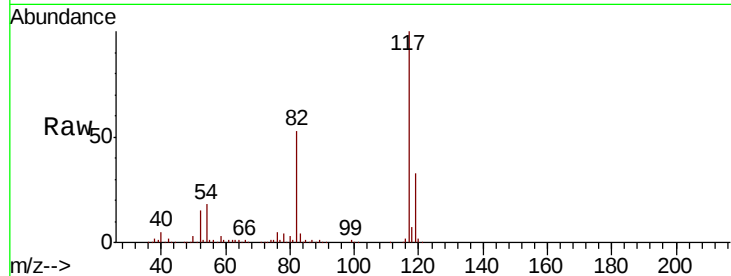
Tot Ion:117 Resp: 777214

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

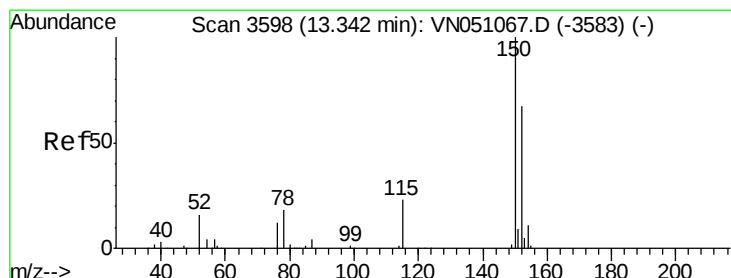
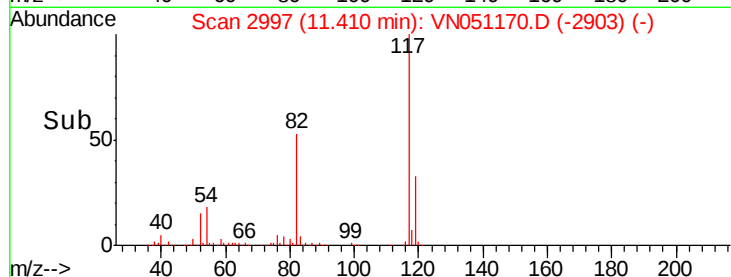
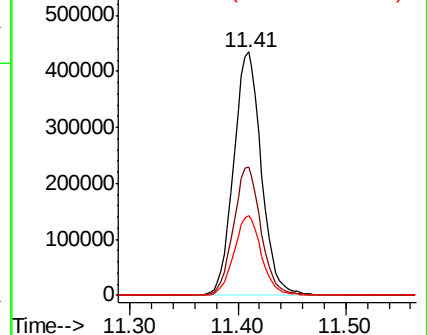
119 32.5 26.2 39.2



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: VN051170.D

Acq: 13 Sep 2018 15:19

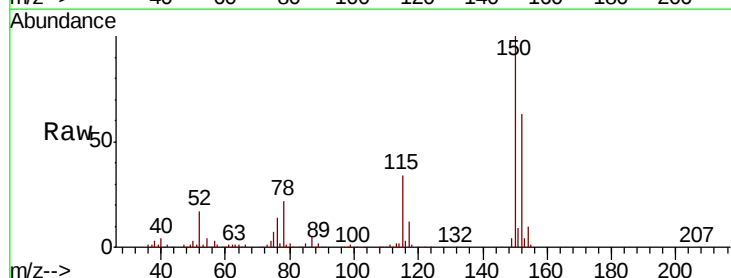
Tgt Ion:152 Resp: 220775

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

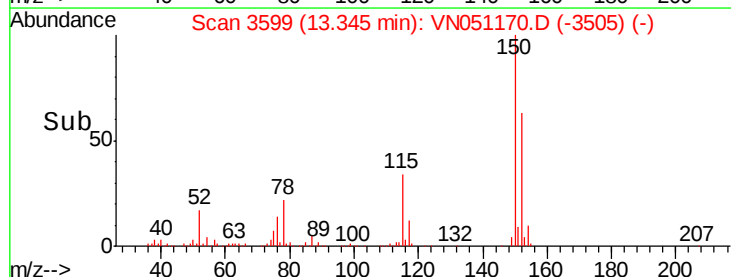
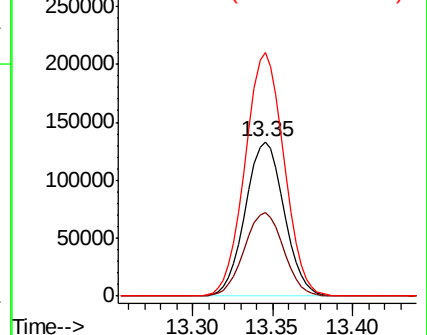
150 157.9 0.0 349.0

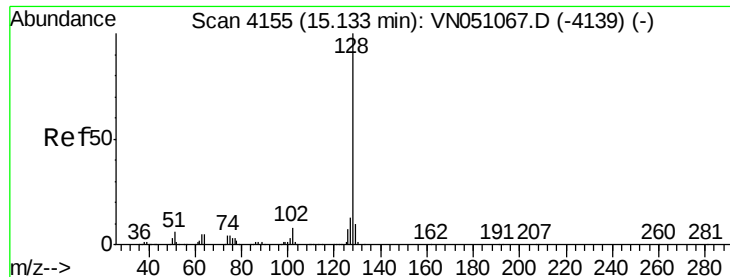


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 6.07 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

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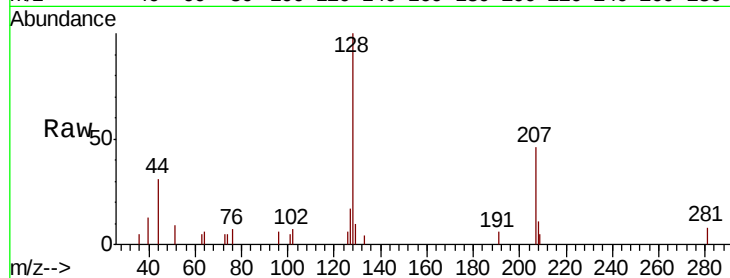
Tot Ion:128 Resp: 6817

Ion Ratio Lower Upper

128 100

127 12.3 10.6 15.8

129 6.3 8.6 12.8#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

